

# THE LEGO<sup>®</sup> ADVENTURE BOOK



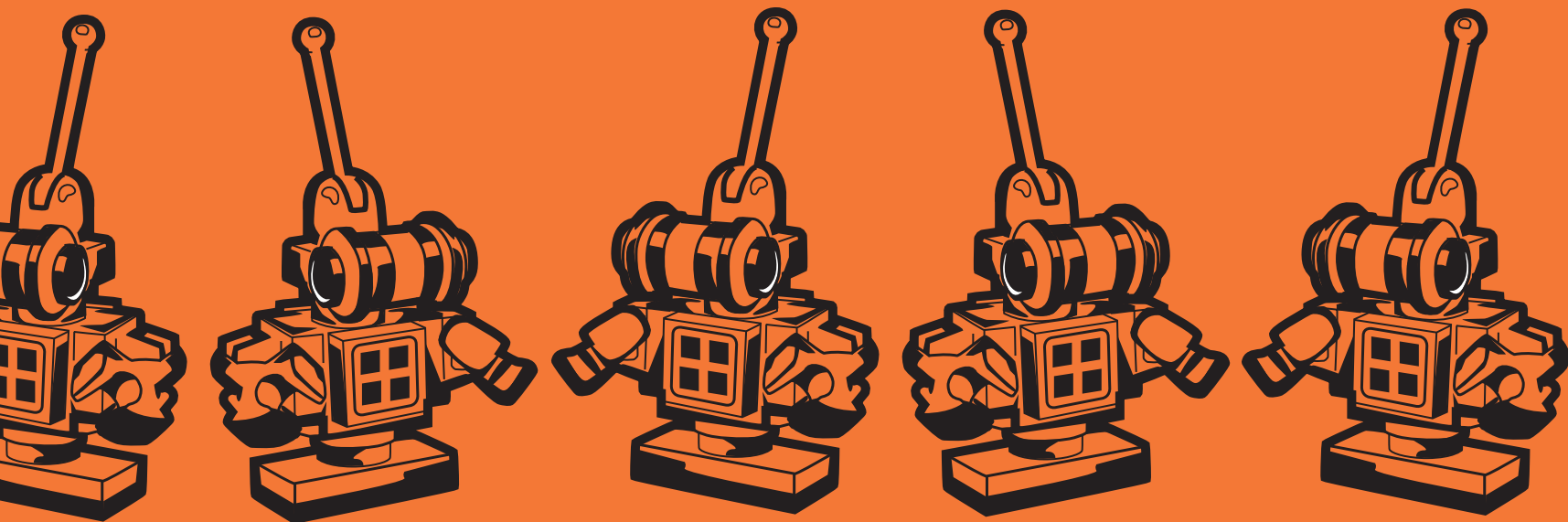
**SPACESHIPS, PIRATES, DRAGONS & MORE!**

100 MODELS + NEARLY 40 BRICK-BY-BRICK BREAKDOWNS

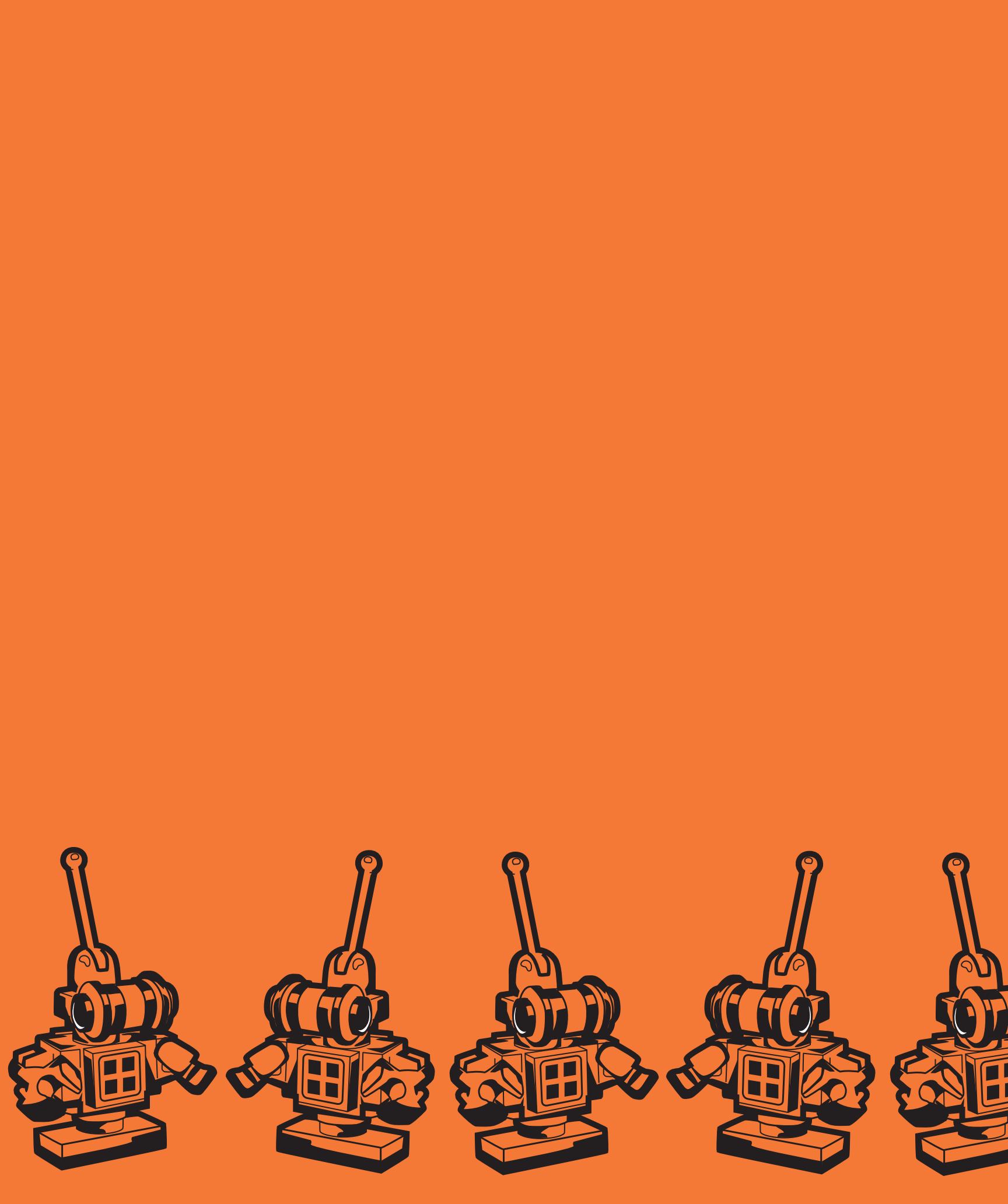
**MEGAN H. ROTHROCK**



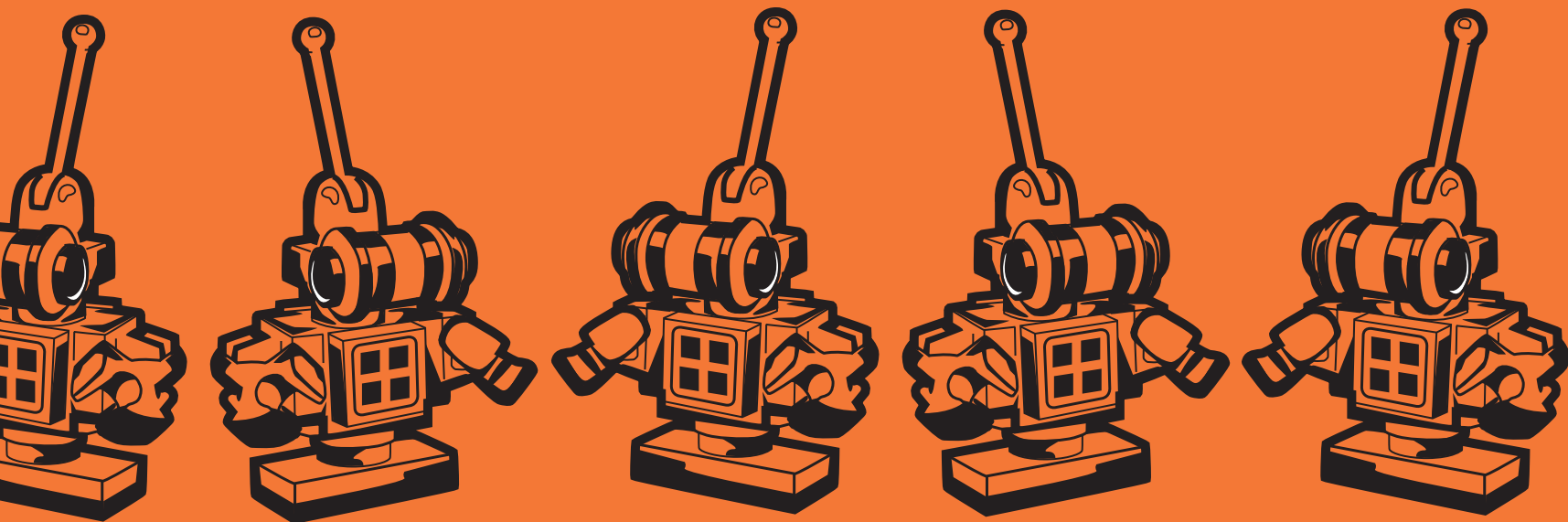








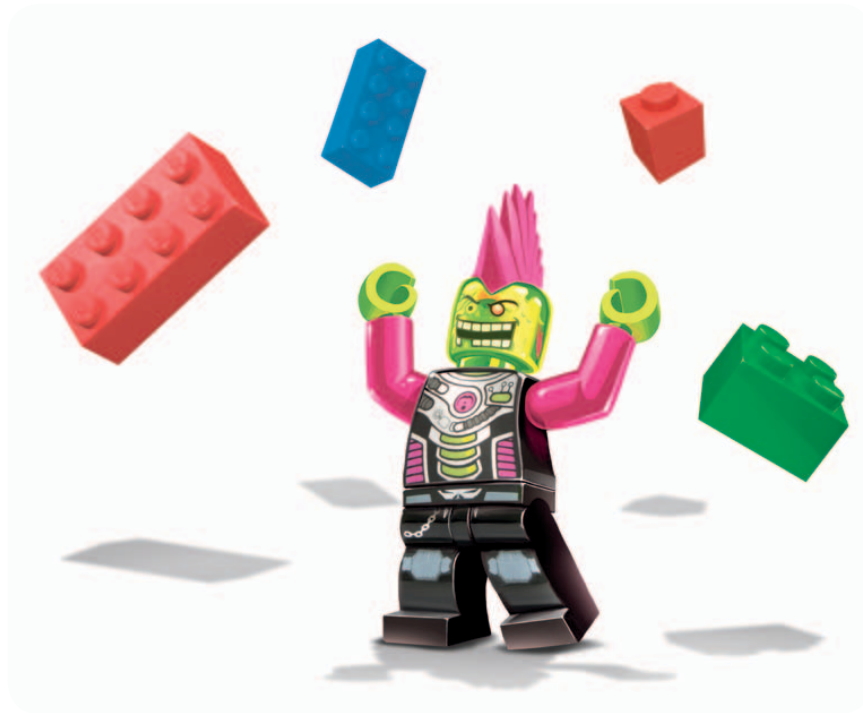






# **The LEGO® Adventure Book**

**Spaceships, Pirates,  
Dragons & More!**



**Megan H. Rothrock**



**no starch  
press**

San Francisco



**The LEGO Adventure Book, Volume 2: Spaceships, Pirates, Dragons & More!**

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IT WILL BE NICE TO  
VISIT MEGS AND BRICKBOT AND  
SEE WHAT THEY'VE BEEN UP TO.  
LATELY I CAN'T HELP BUT FEEL  
THAT LEGO BRICKS ARE SHIFTING  
OUT OF PLACE SOMEWHERE, AS  
IF A DESTRUCTIVE FORCE WAS  
GATHERING MOMENTUM.  
OR PERHAPS I AM JUST  
IMAGINING IT...





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AH! IT'S BEEN SO NICE TO HAVE SOME TIME BACK IN THE IDEA LAB AFTER THAT EPIC LEGO ADVENTURE! WITH SO MUCH INSPIRATION, MY PLACE SURE HAS COME A LONG WAY!





# Back to the Idea Lab



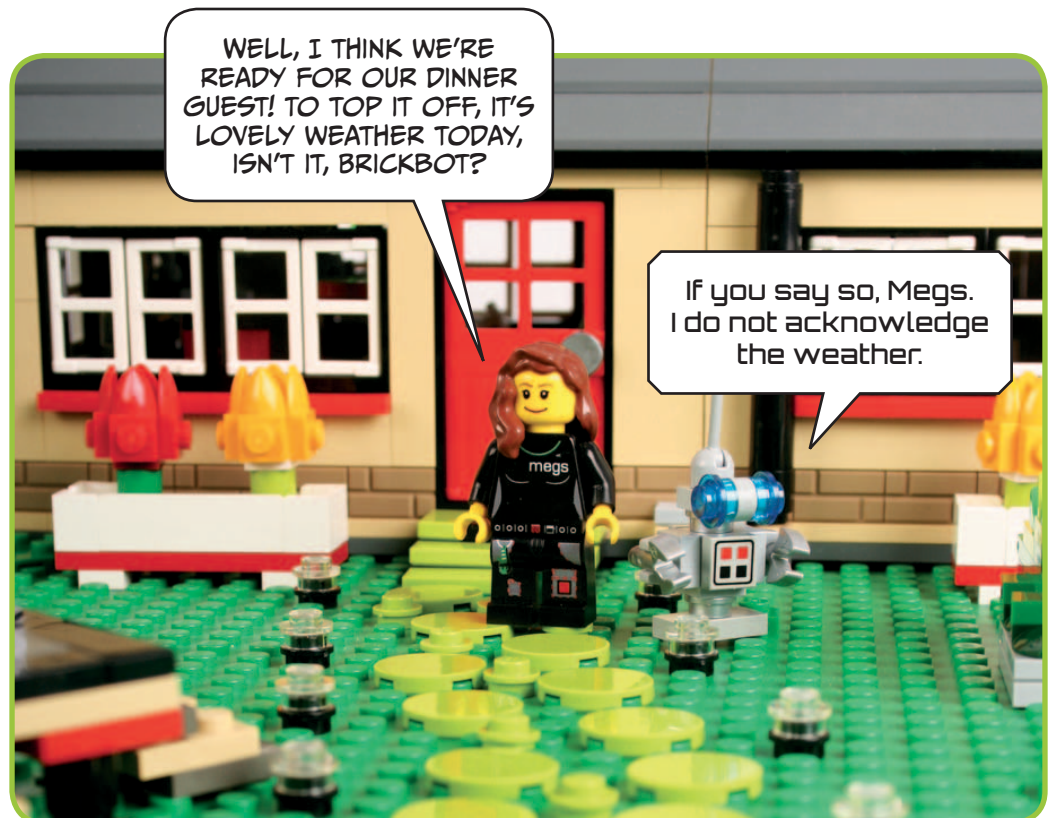
**Megan H. Rothrock**

**Nickname:** megs/megzter

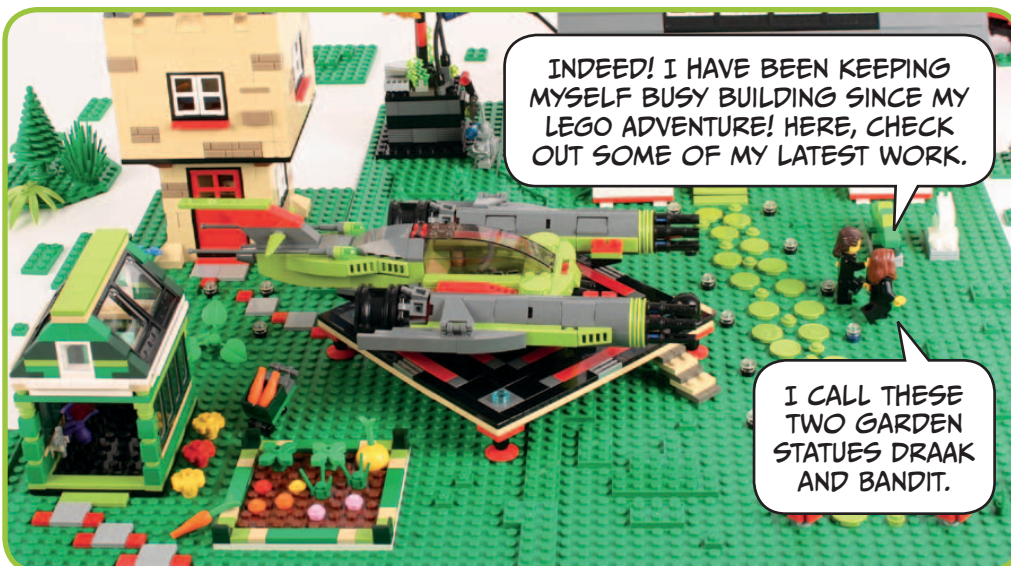
**Profession:** Author and Toy Designer

**Nationality:** American

**Website:** [www.flickr.com/photos/megzter/](http://www.flickr.com/photos/megzter/)

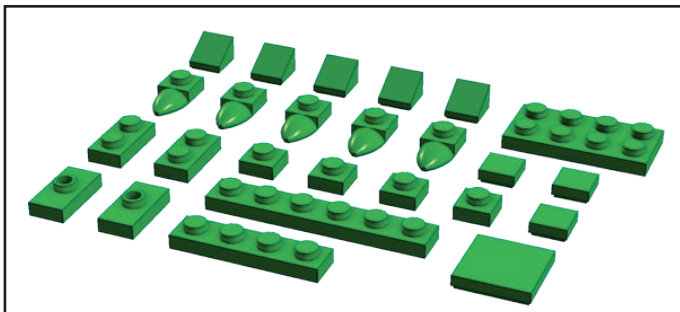
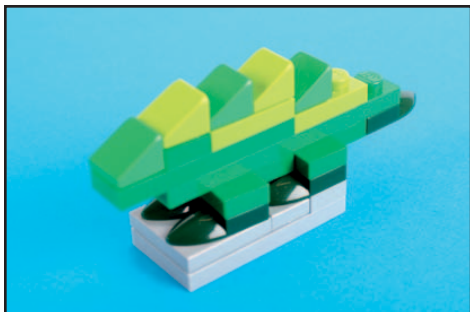








# Draak: The Iguana Statue

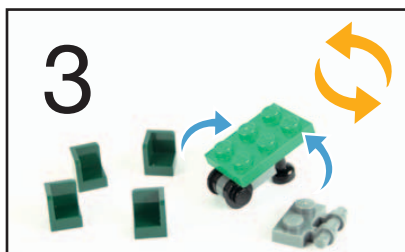
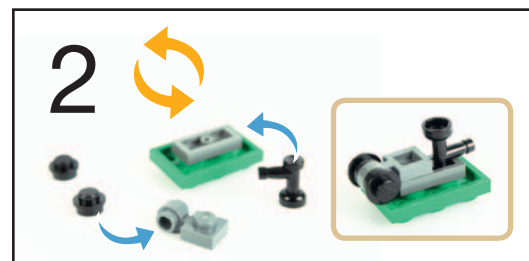
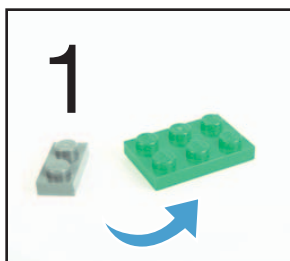
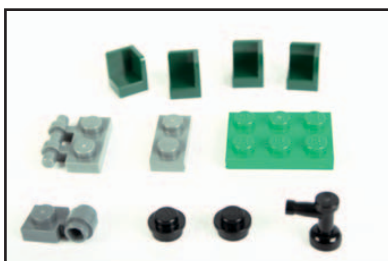




# Greenhouse



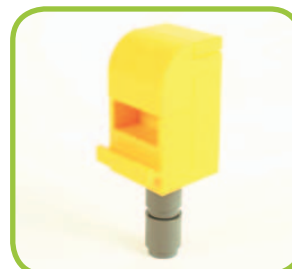
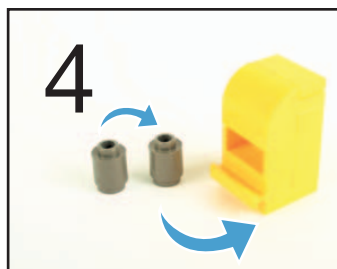
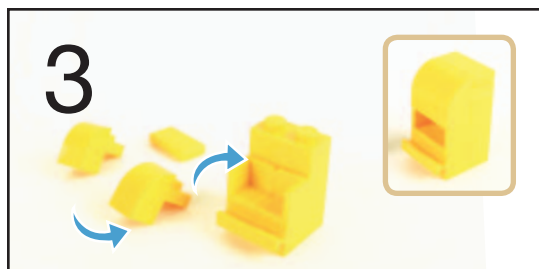
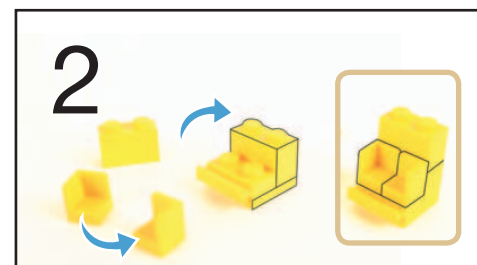
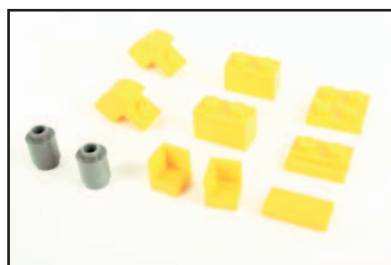
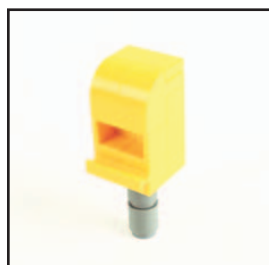
# Wheelbarrow



### Building Tip

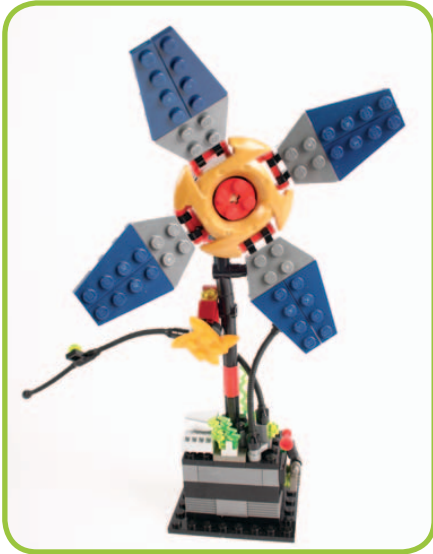
It's possible to be creative with LEGO bricks even if you don't have many parts. Some very interesting models can be designed using only a few carefully chosen parts.

# Mailbox





## Windmill



## Thinking Tower



THAT'S SOME  
GREAT WORK  
THERE, MEGS.



THANKS, NABII. MY THINKING  
TOWER WAS INSPIRED BY  
DANIEL'S FROM MY FIRST  
LEGO ADVENTURE.







REALLY?  
THAT'S A  
THING?

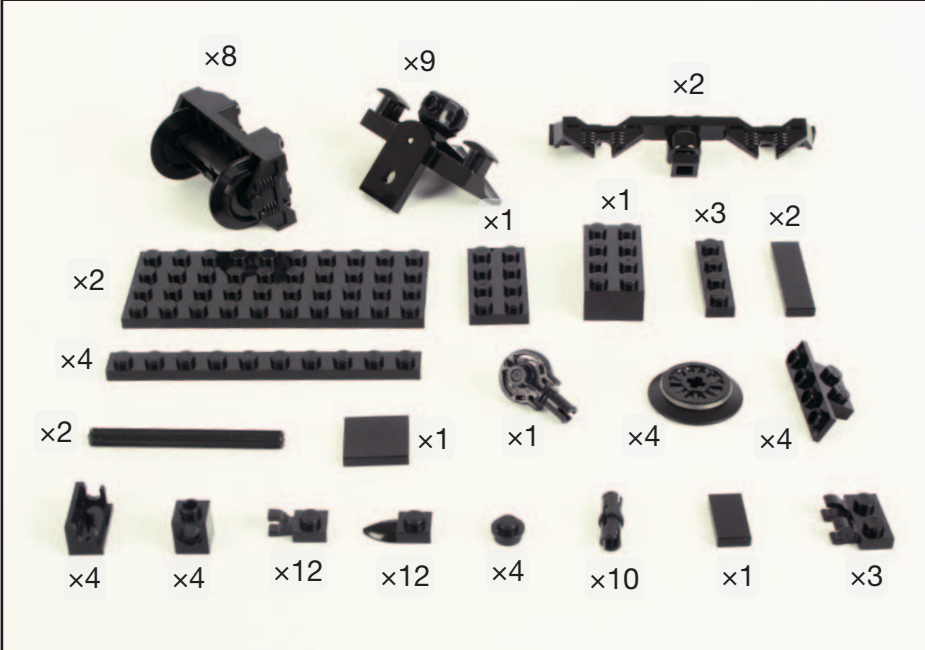
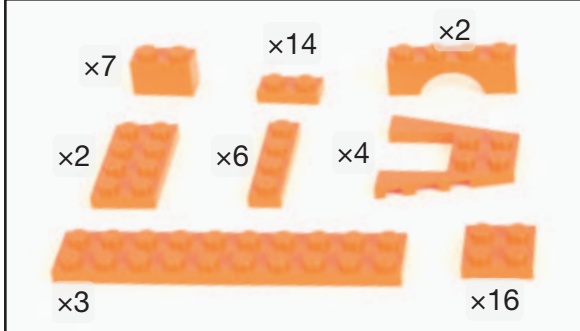
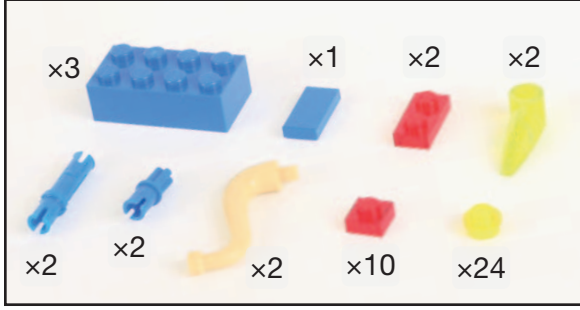
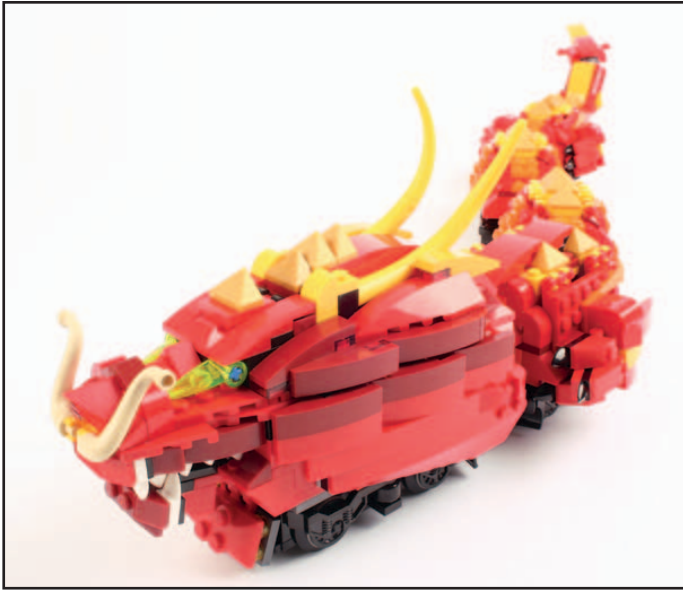
IT IS NOW THAT  
I'VE IMAGINED IT!  
THAT'S THE BEAUTY  
OF LEGO BRICKS.



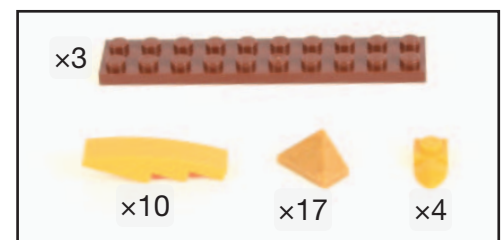
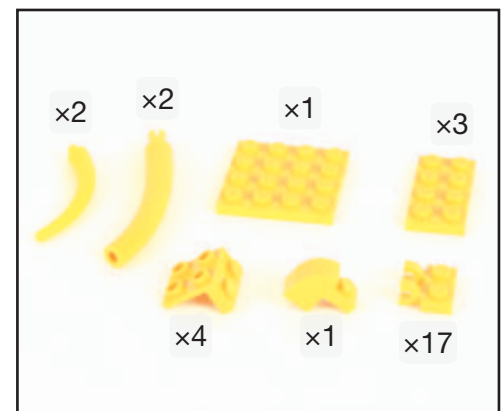
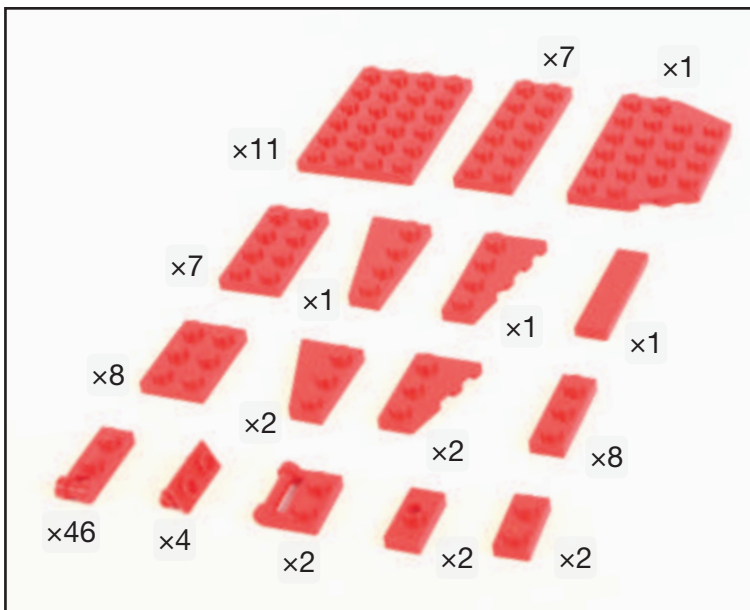
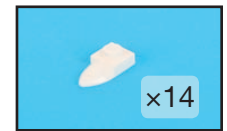
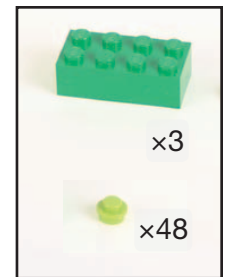
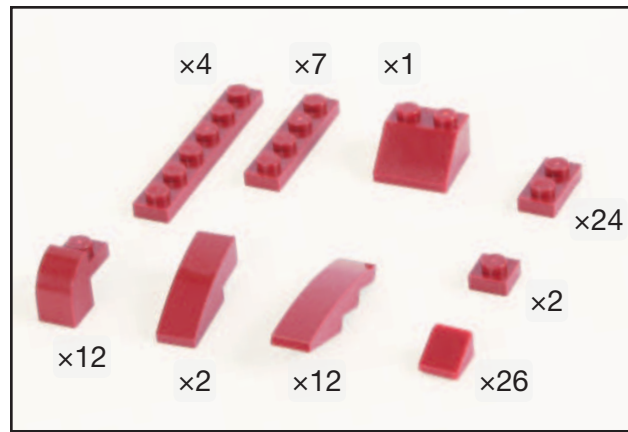
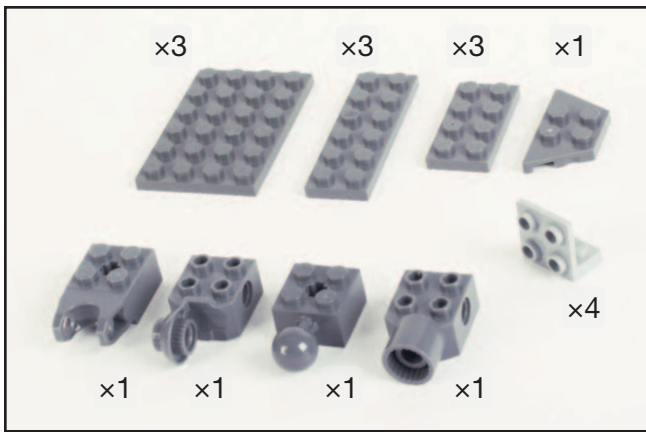
# The Fire Tragon



LET ME SHOW YOU HOW TO BUILD MY TRAGON. YOU'LL NEED A LOT OF LEGO BRICKS, INCLUDING SOME TRAIN PARTS, BUT YOU CAN USE WHATEVER COLORS YOU WANT. IT IS PROBABLY BEST TO BE A FAIRLY EXPERIENCED LEGO BUILDER. CAN YOU TAME MY MIGHTY FIRE TRAGON?



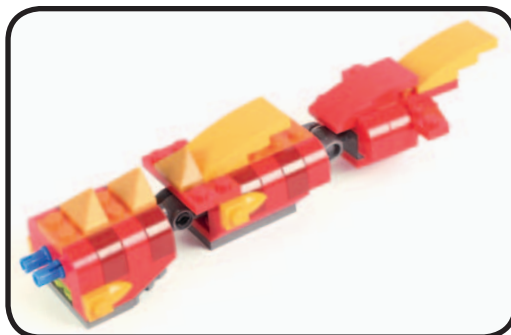
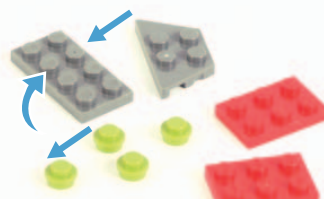
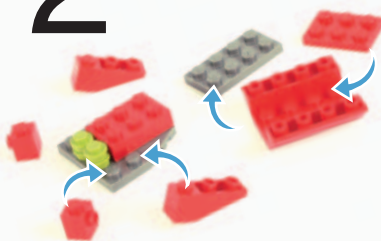
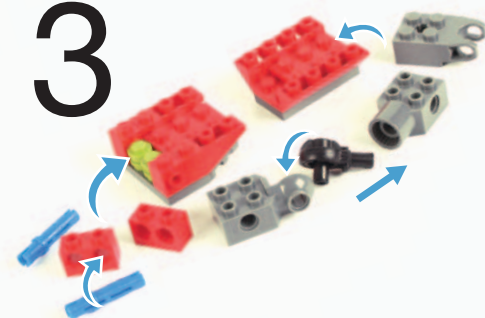
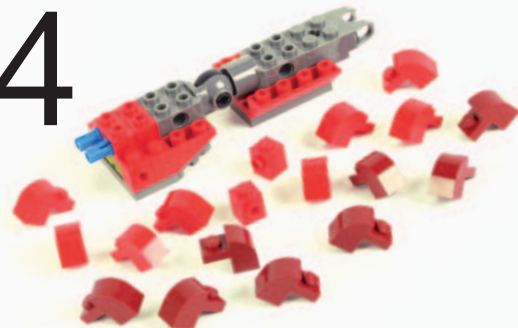
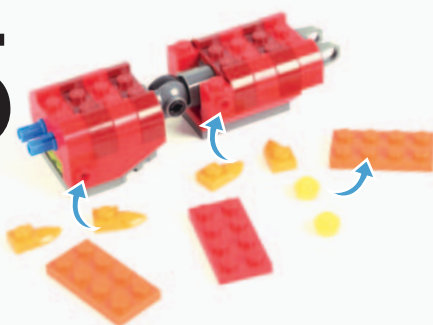
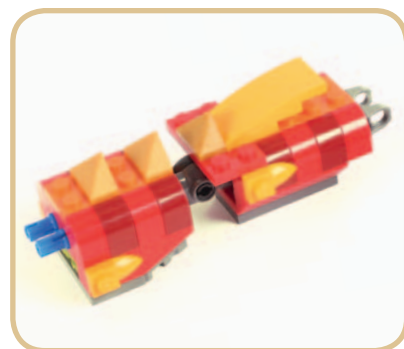
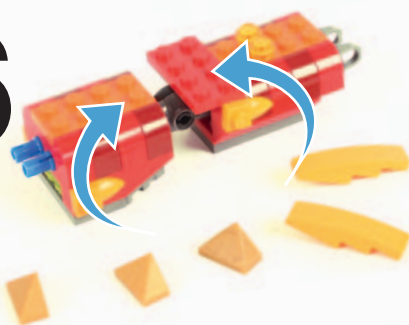
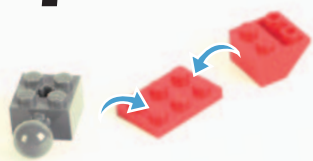
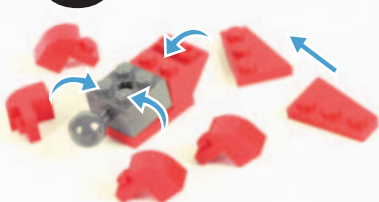
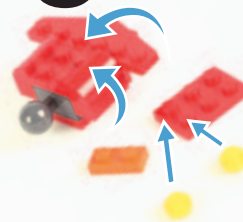
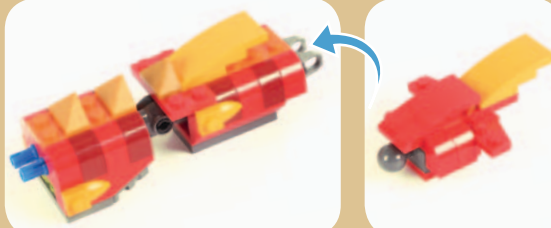
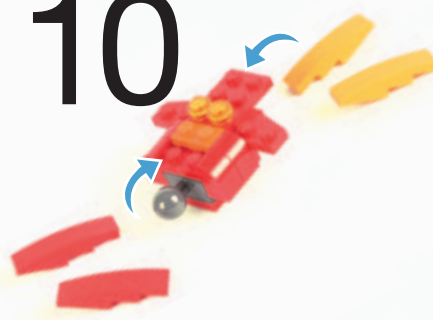




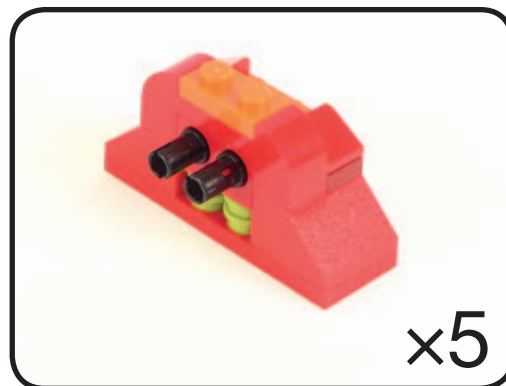
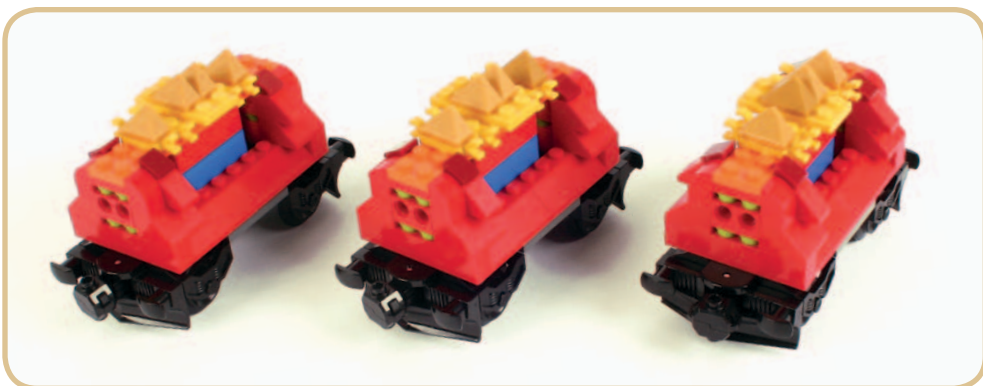
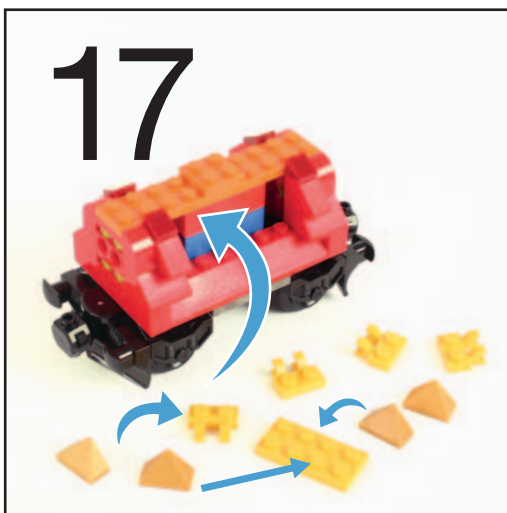
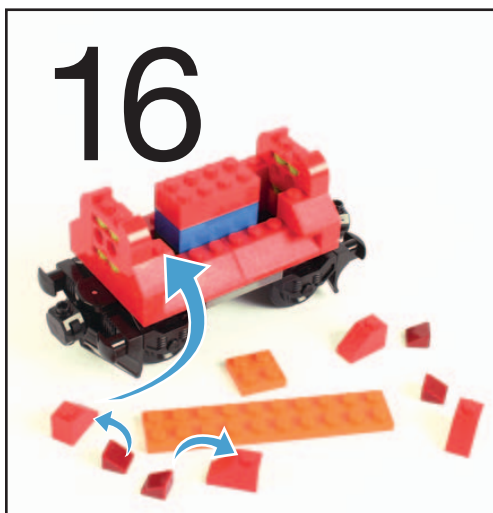
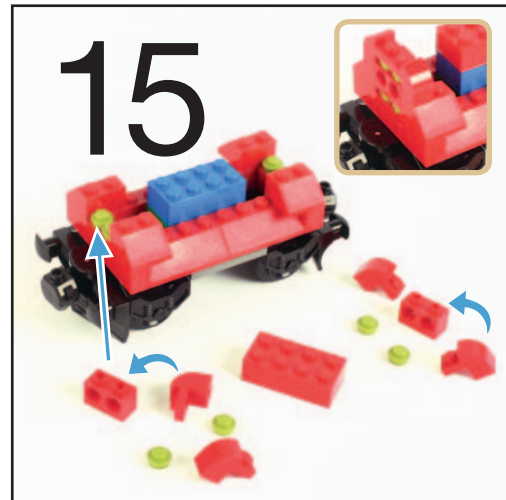
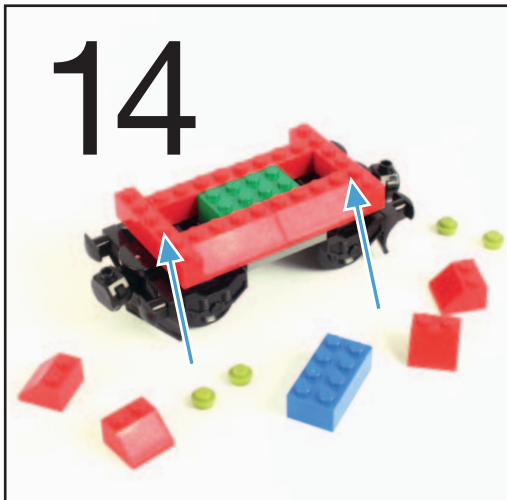
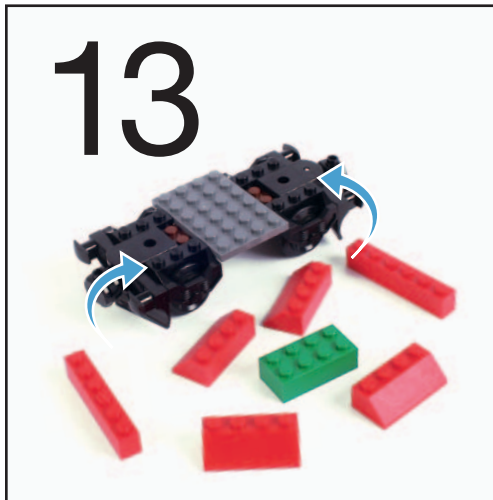
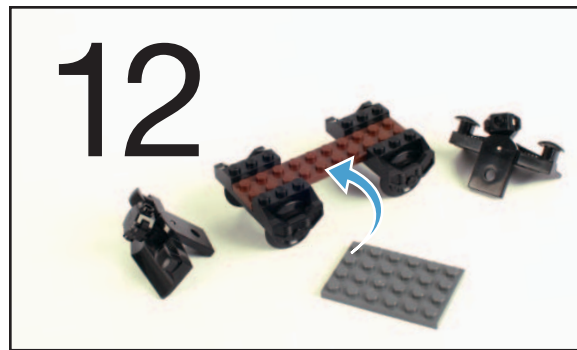
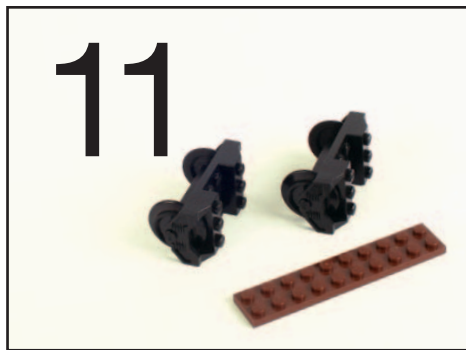


**Building Tip**

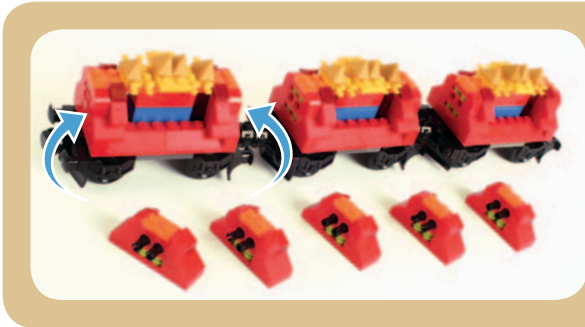
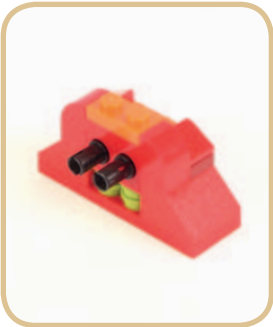
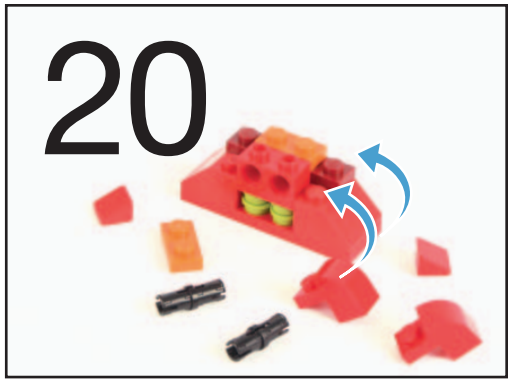
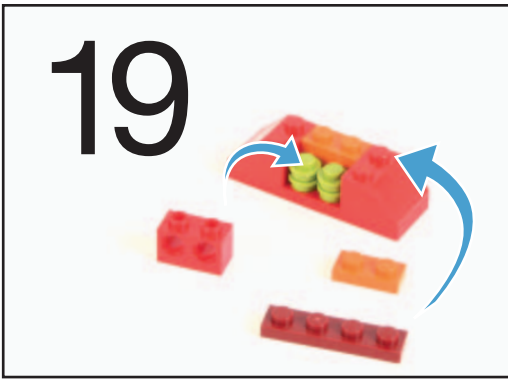
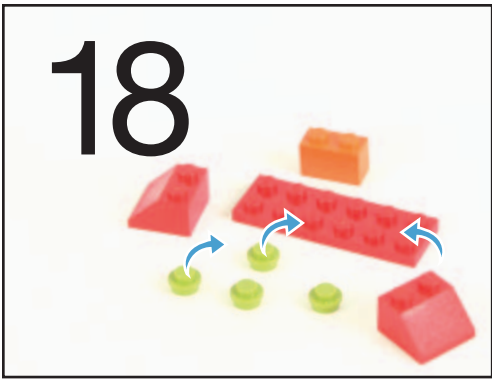
Support bricks inside a model can be any color, as they won't be seen from the outside when the model is finished.

**1****2****3****4****5****6****7****8****9****10**

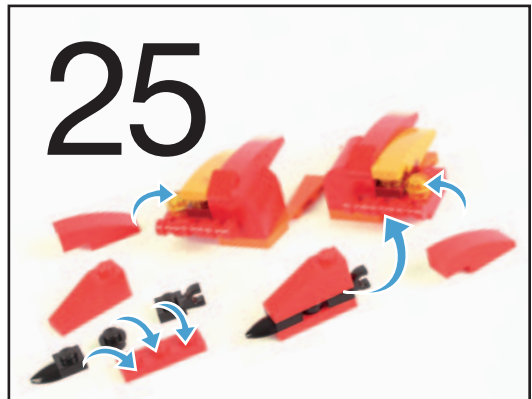
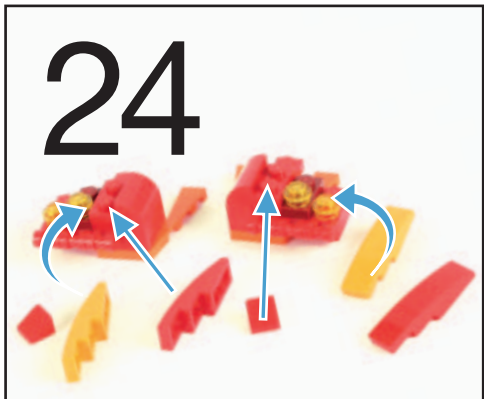
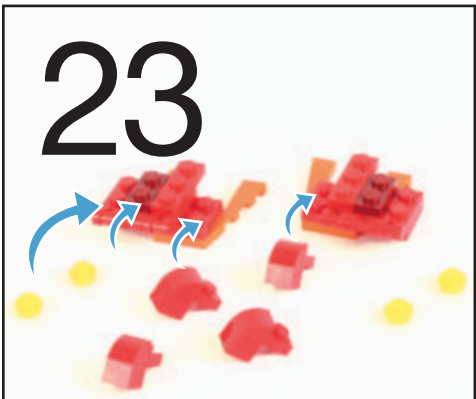
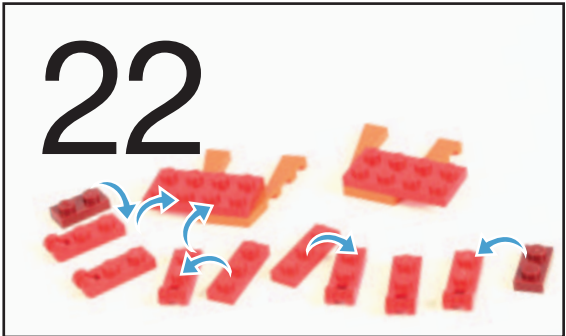
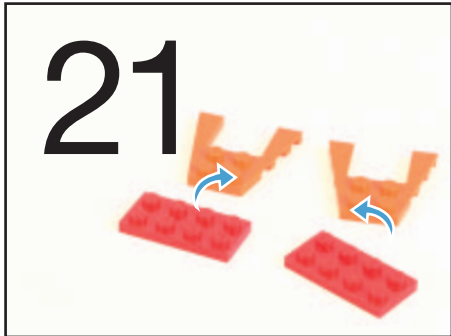
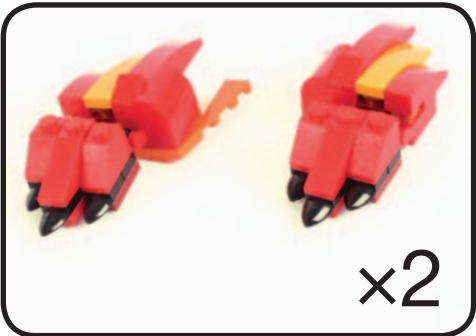




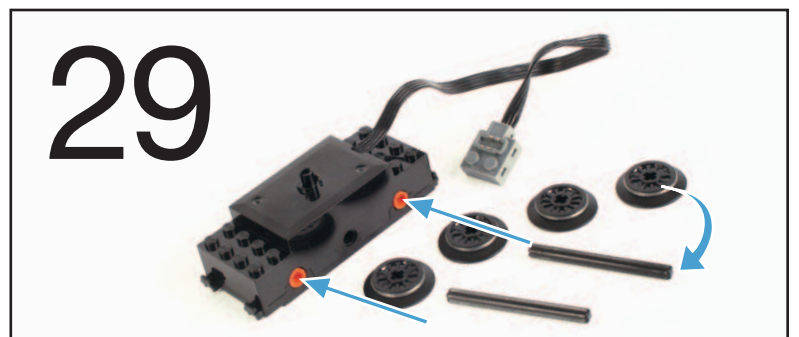
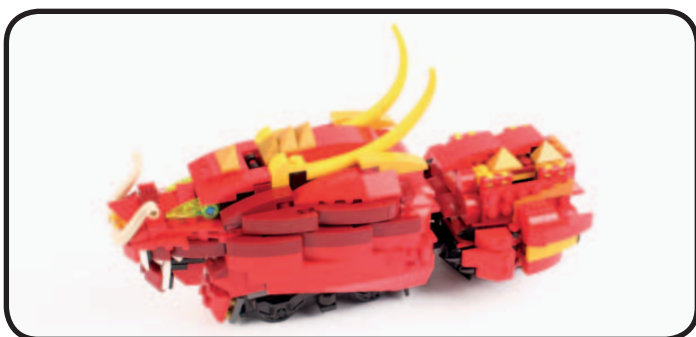
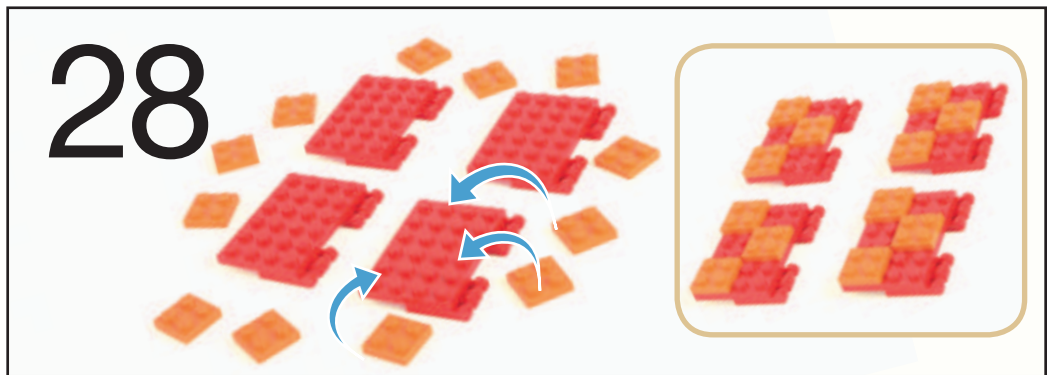
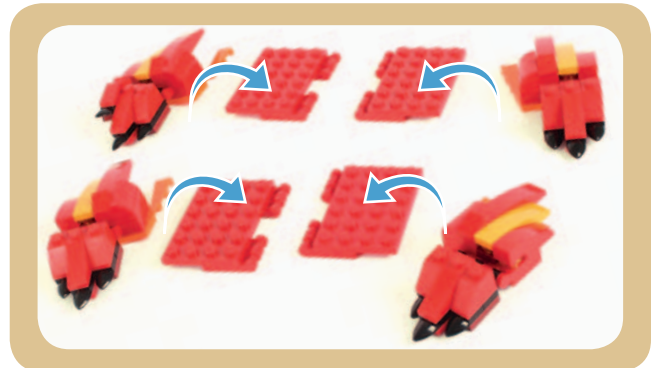
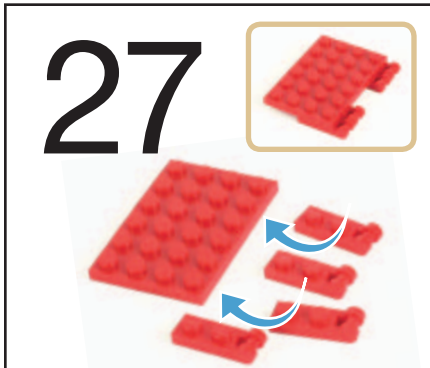
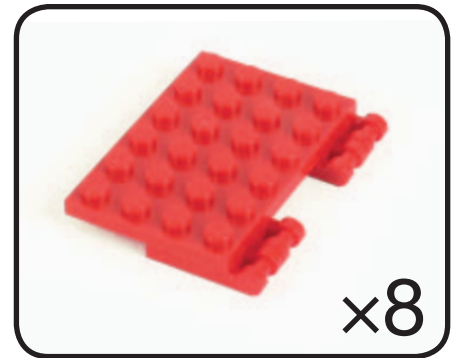
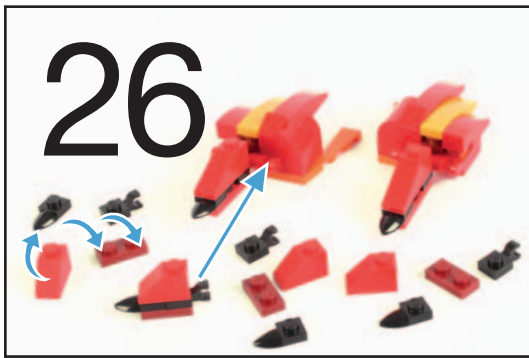




**Building Tip**  
For some models, it's easier to build sections that snap onto a module than build them into the model.

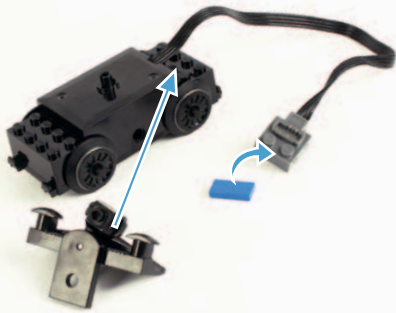




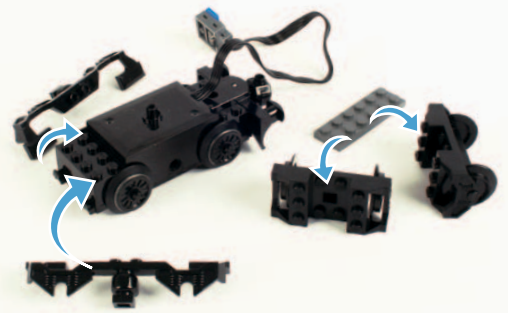




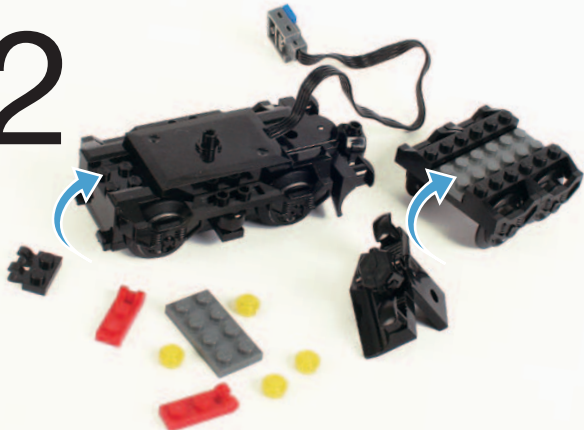
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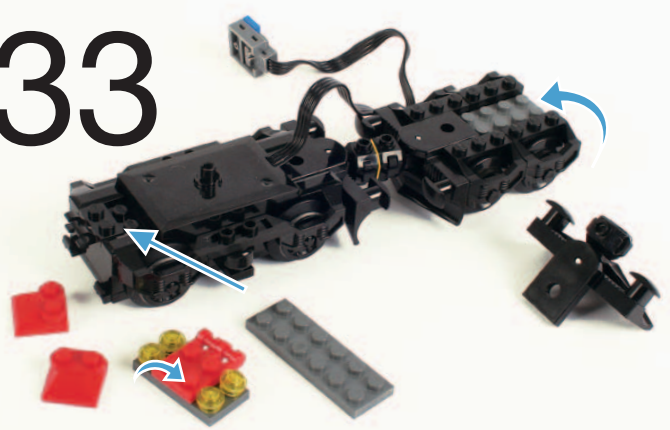
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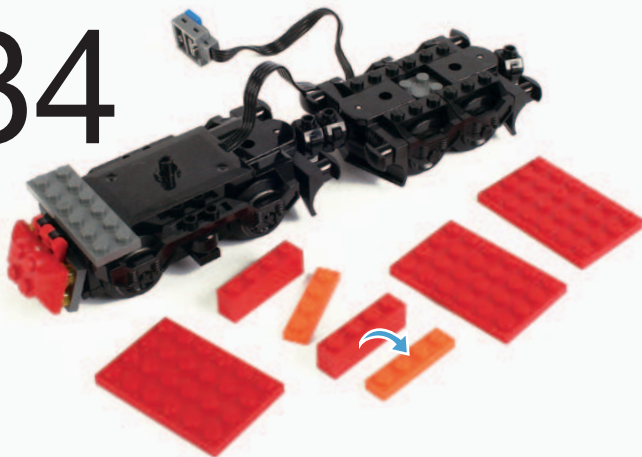
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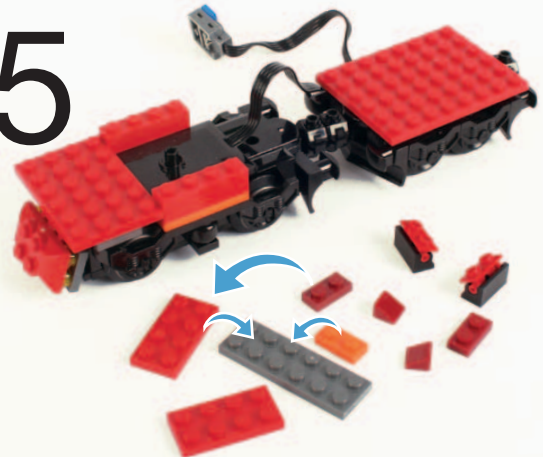
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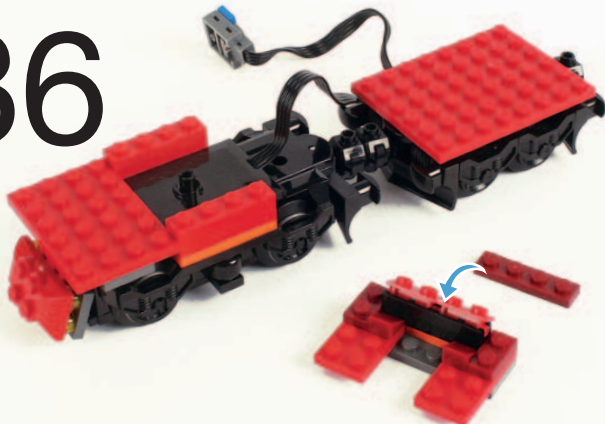
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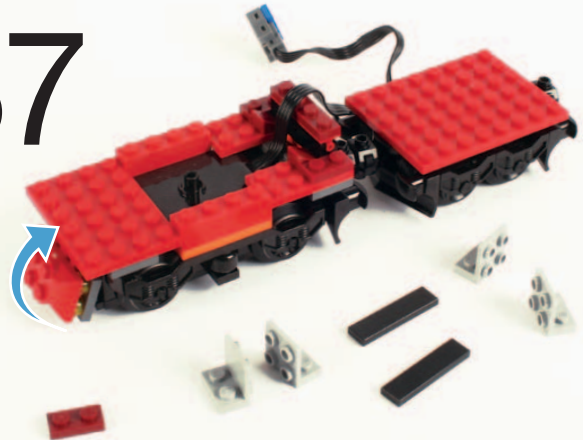
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# 36



# 37





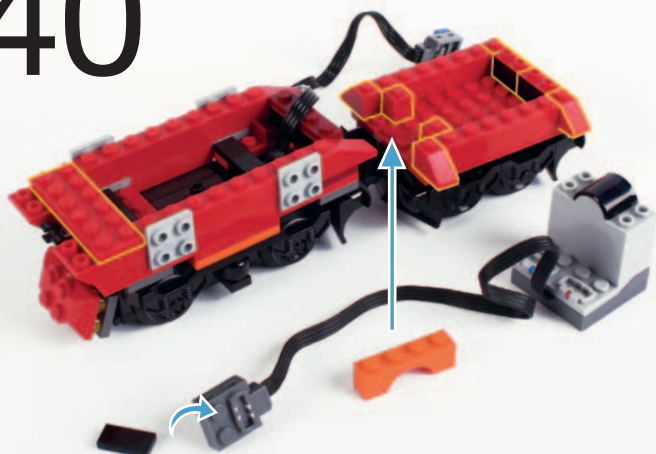
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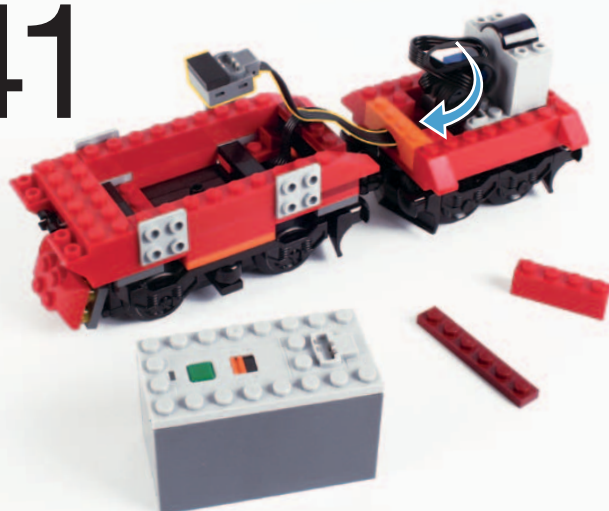
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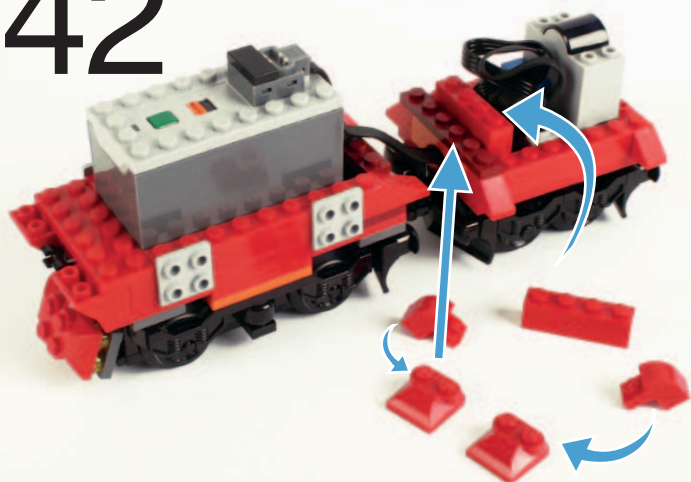
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# 41



# 42

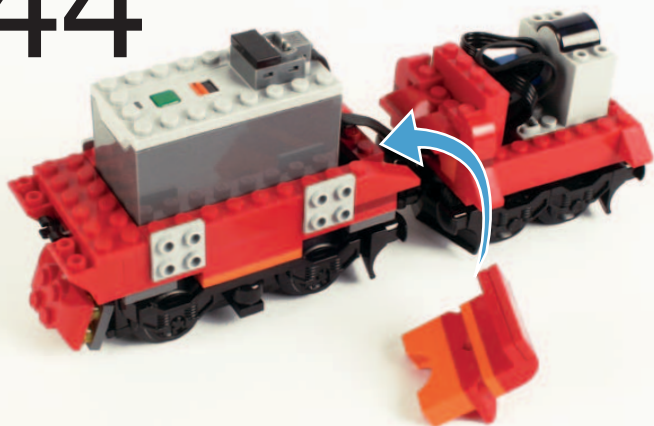


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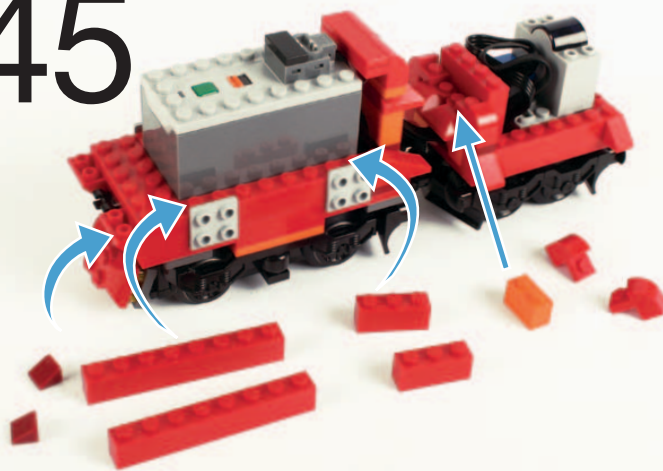




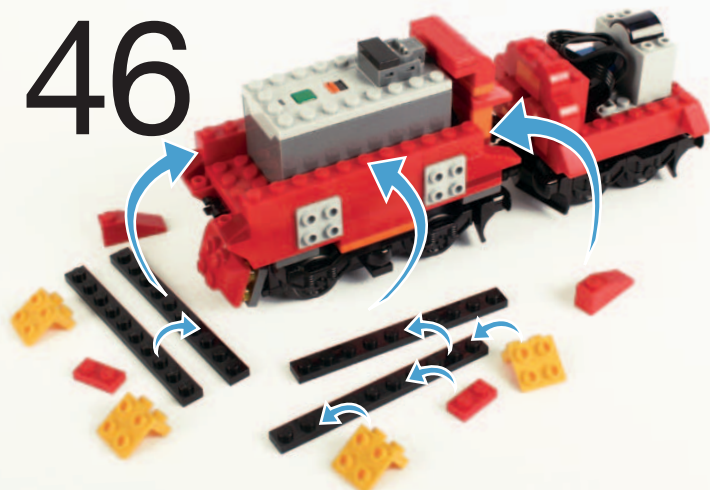
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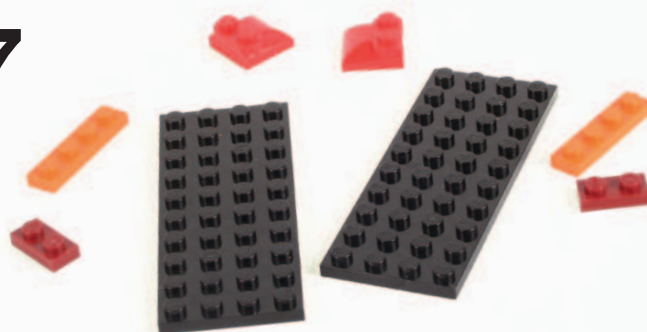
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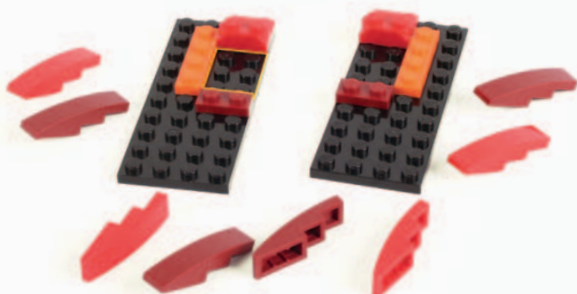
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47



48

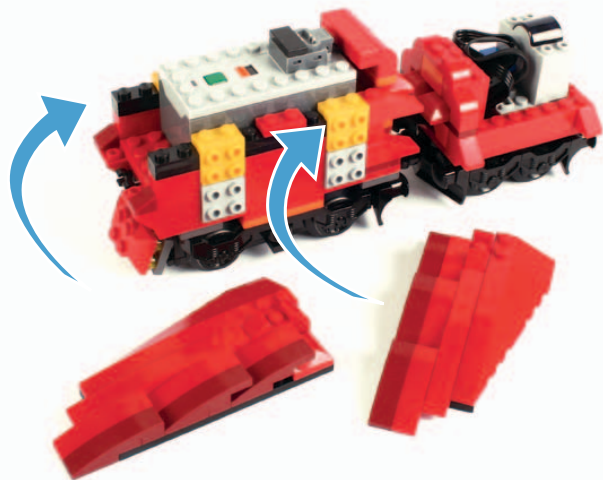
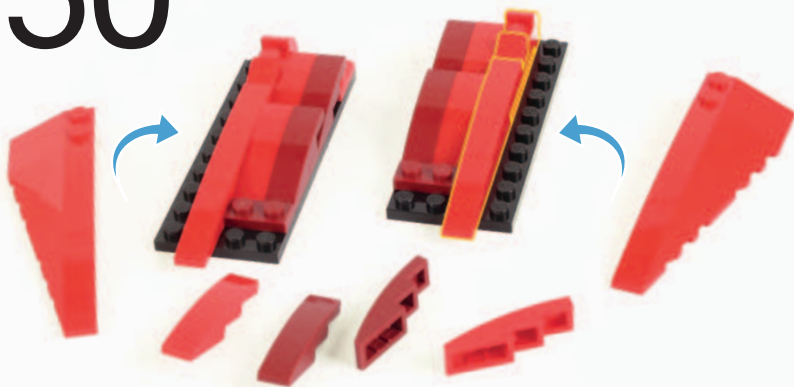


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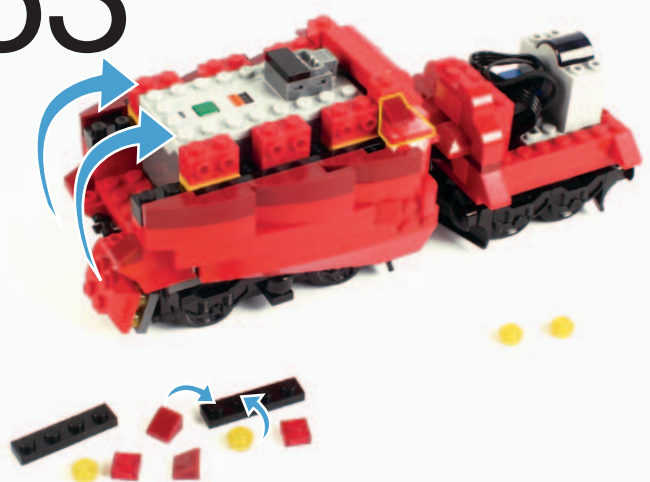
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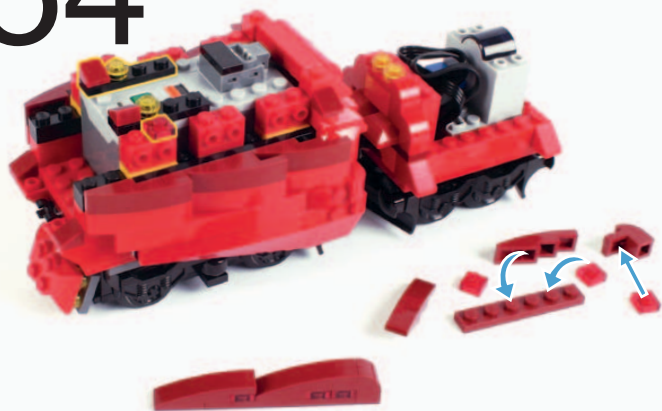


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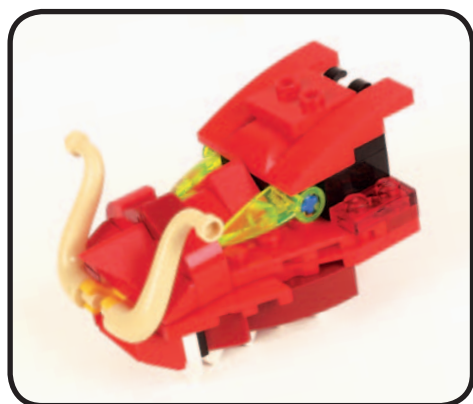
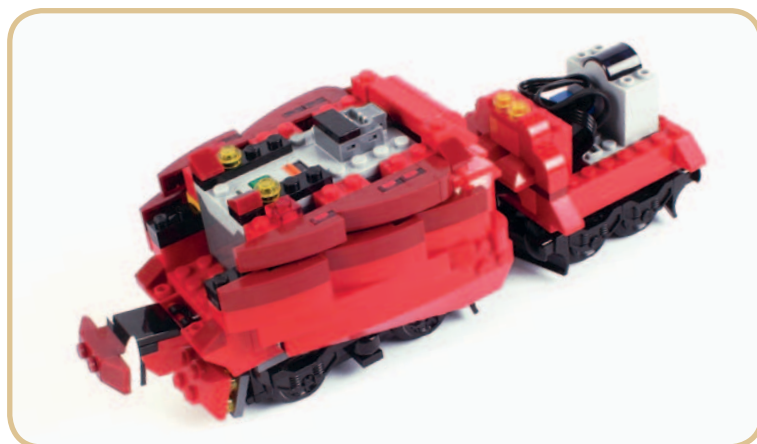
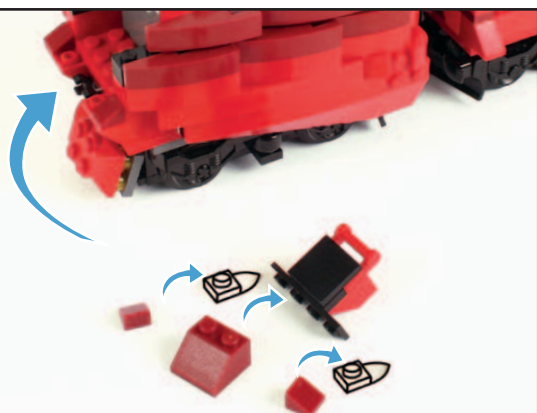
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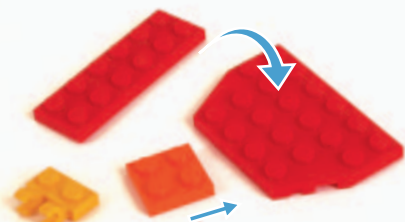
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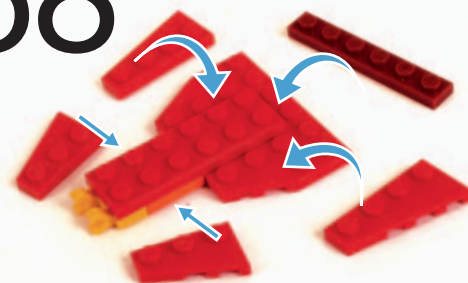
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57



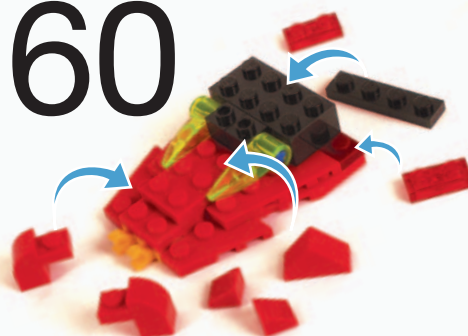
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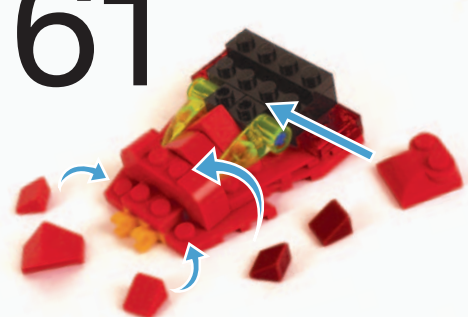
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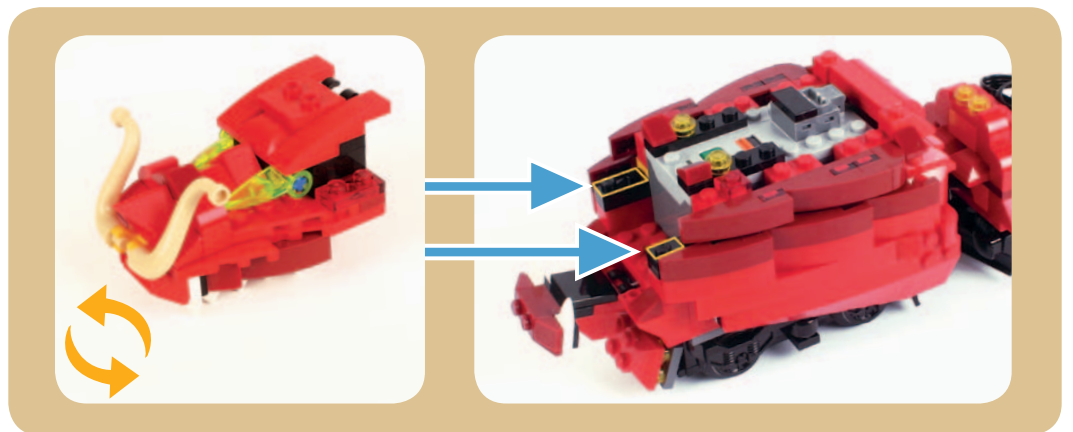
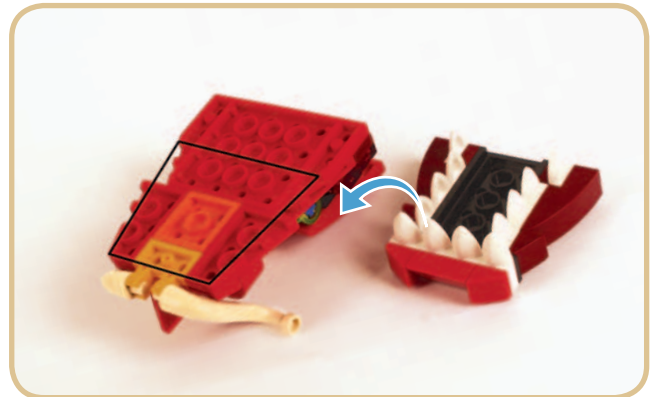
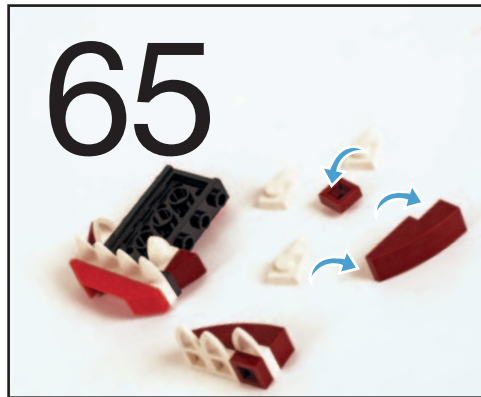
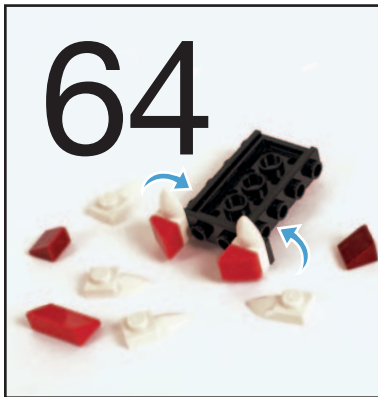
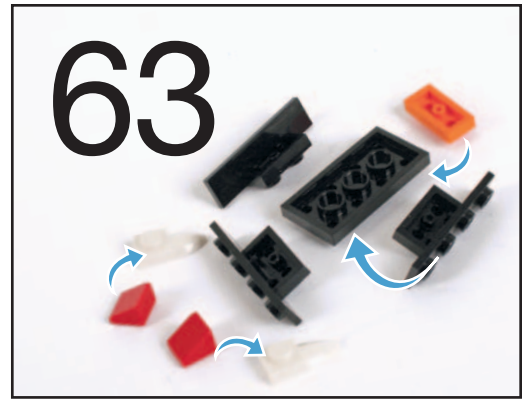
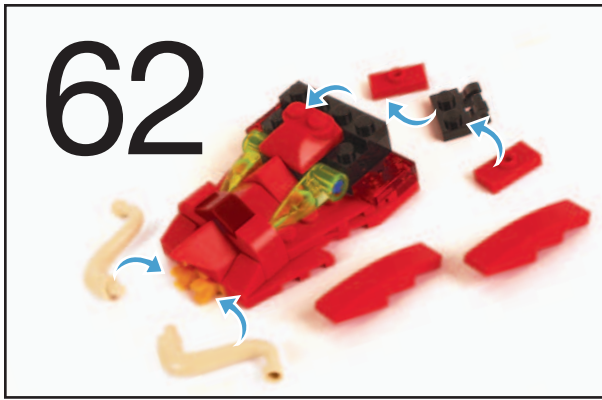
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61

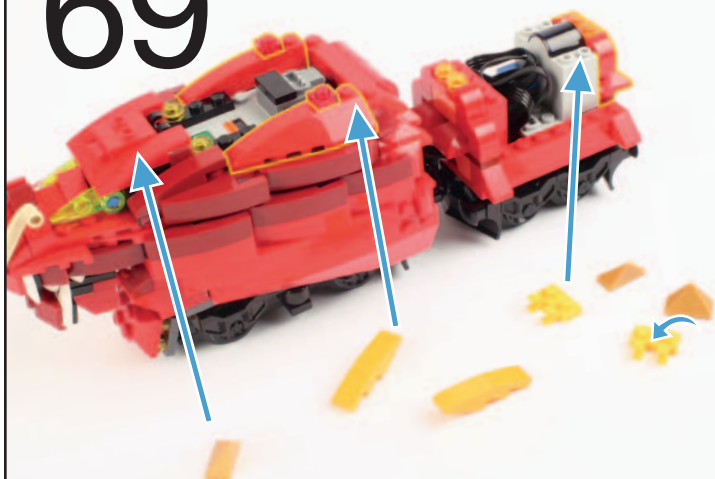








69



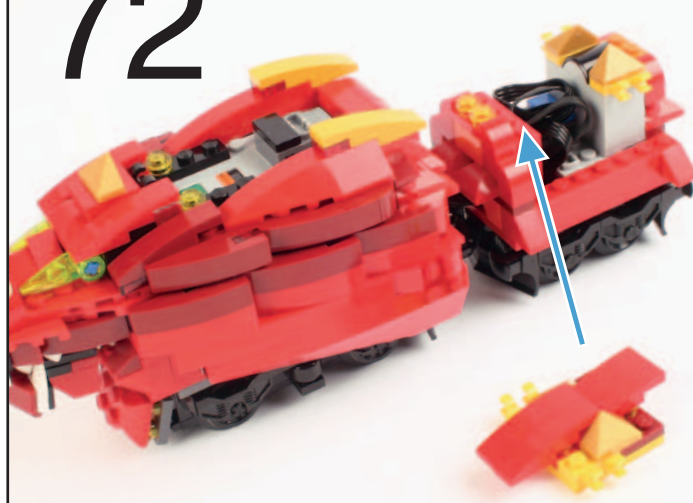
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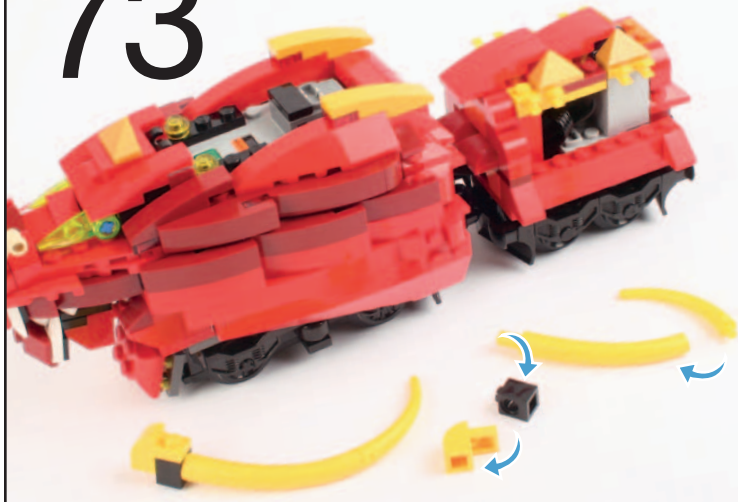
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72



73

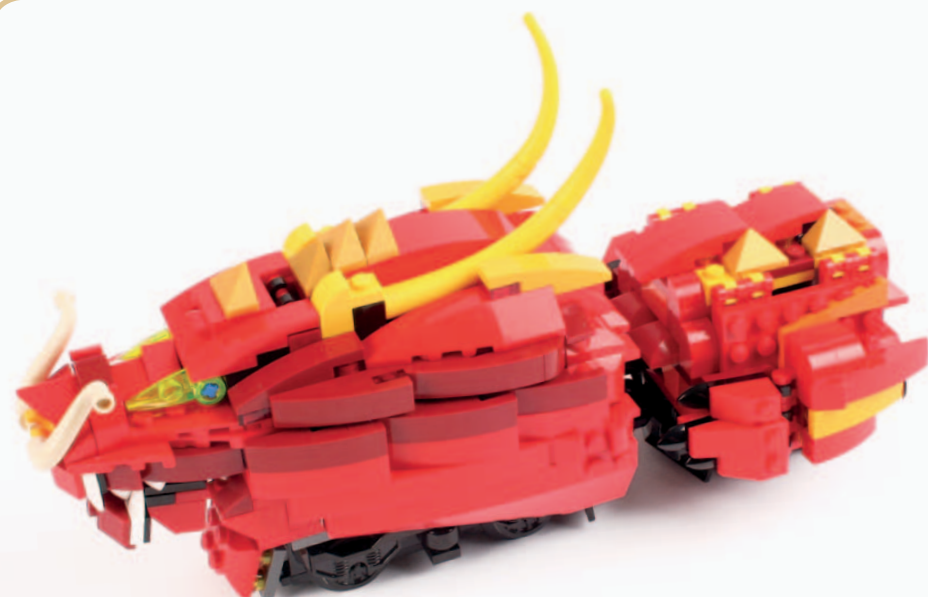
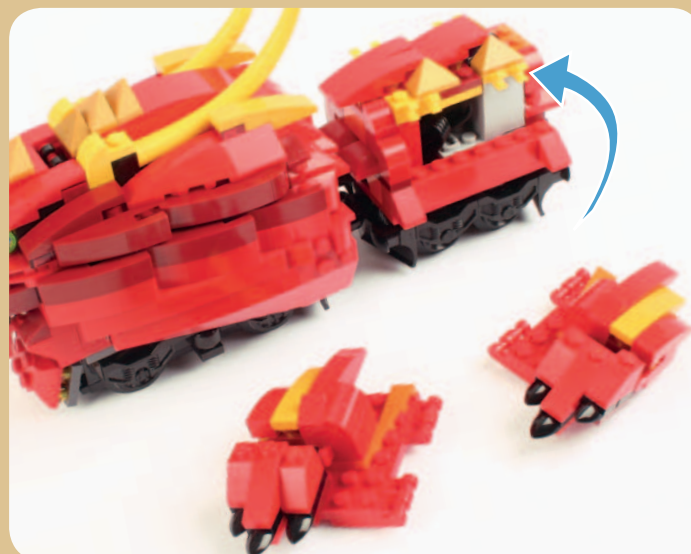
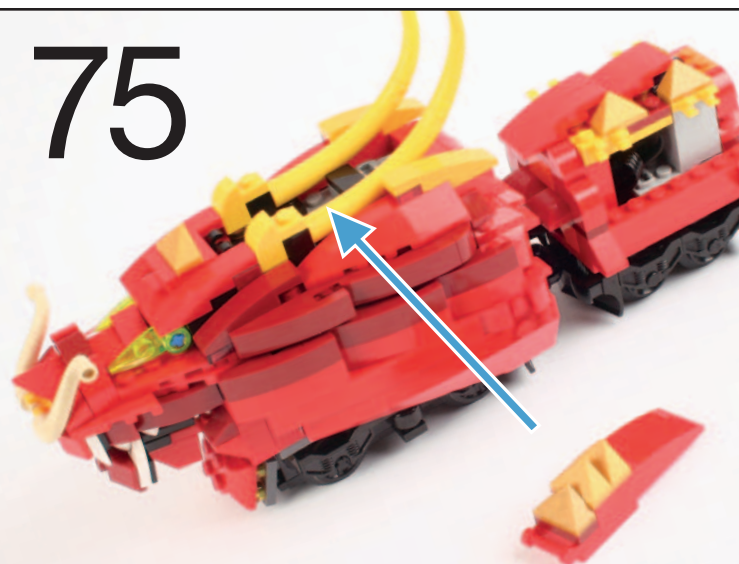


74



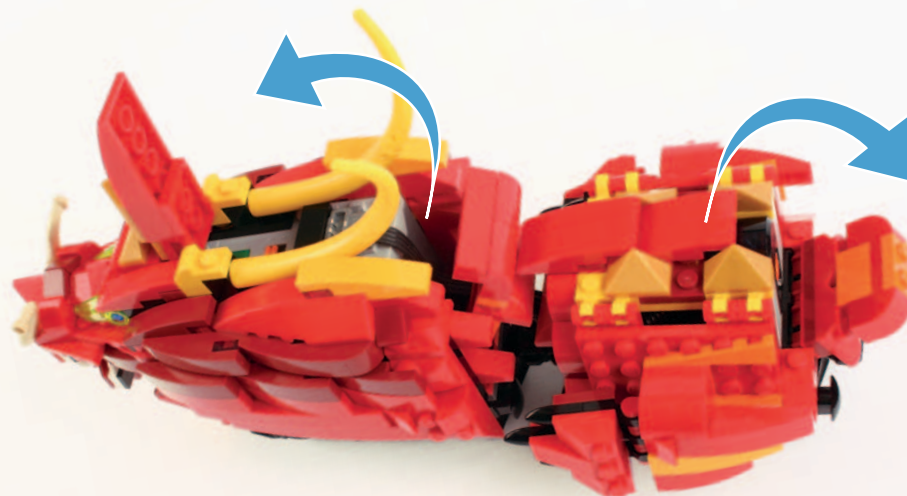


# 75



## Equipment Tip

Make sure that the channel setting on the sensor matches the channel setting on your remote controller, or your tragon won't move. Also, make sure you have batteries for both the controller and the battery box in the head of your tragon.







### ***BUILDING JOURNAL***

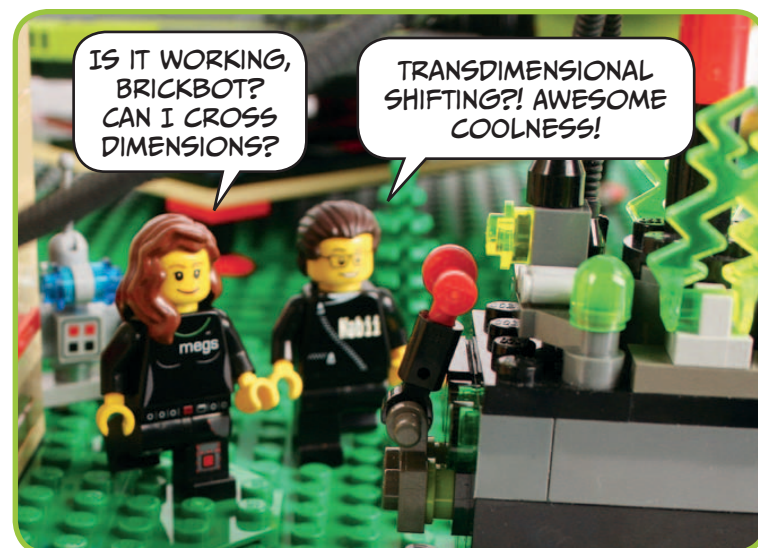
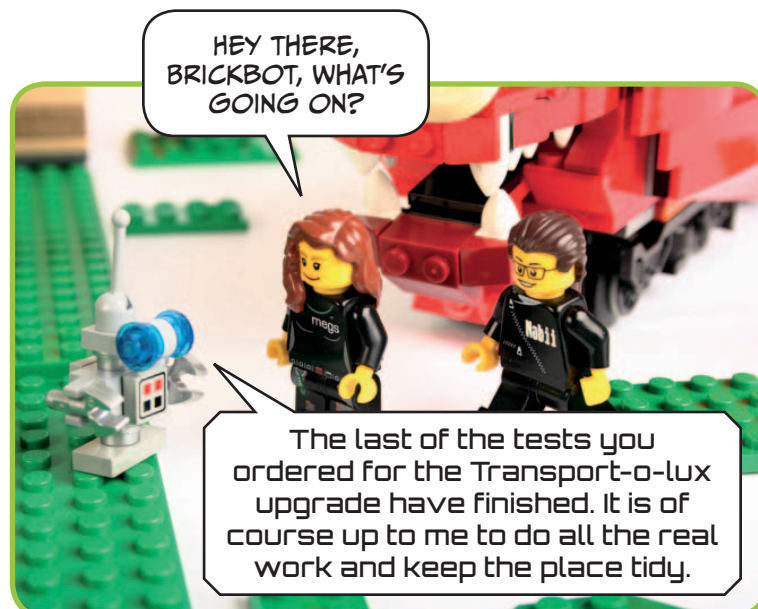
Carl and his awesome LEGO Trains from my first adventure inspired me to build something on rails. Drawing on my passion for dragons and the versatility of LEGO Train parts, I started to build. Once I had the chassis (called a train bogie) worked out, I was able to focus on my Tragon's unique characteristics: speedy, spiky, and fiery! What type of Tragon was he going to be? Long or short claws? Fierce or friendly? I had to create smooth lines and a cool color scheme, and my Tragon was born!

## **The Sea Tragon**





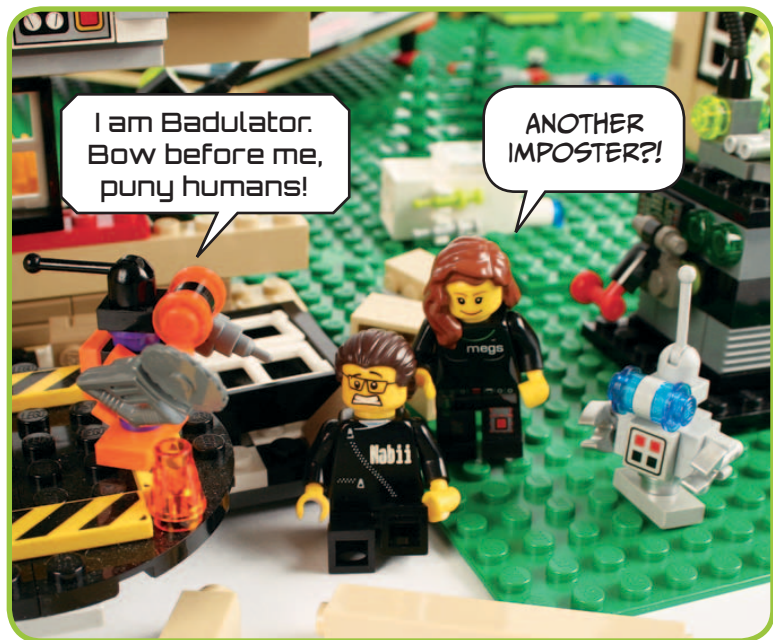
# The Humboldt Tragon





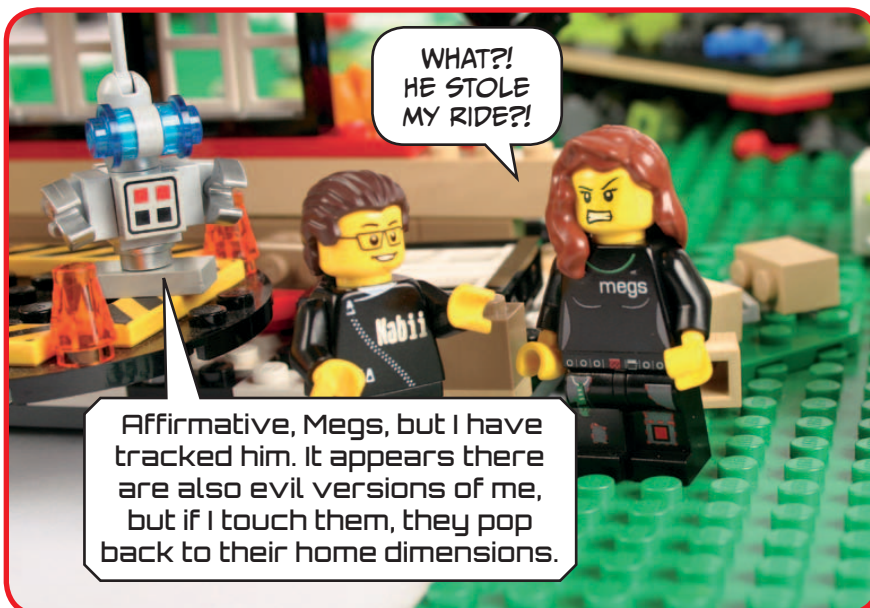








It appears we inadvertently opened a dimensional rift. After you humans passed out, a diabolical-looking figure in black appeared and shouted, "At last I am free!" Then he jumped onto the Transport-o-lux and declared, "Now to tear apart the whole universe!" and was gone in a flash!





# Victorious Vipers



**Mark Stafford**

**Nickname:** Nabii

**Profession:** Designer

**Nationality:** British

**Website:** [www.flickr.com/photos/nabii/](http://www.flickr.com/photos/nabii/)

DON'T WORRY, NABII.  
WE'LL HAVE YOUR VIPER  
BACK UP IN NO TIME.  
LOOK, I'VE ALREADY GOT  
ONE OF ITS WHEELS...

THAT'S NO WHEEL!  
THAT'S ONE OF THE  
VIPER'S THRUSTERS!

OK YEAH, I CAN  
SEE THAT NOW.  
NICE PARTS USAGE!

BRICKBOT, WHILE WE  
REBUILD THE VIPER, CAN  
YOU GET THE BRICKS  
READY FOR ANOTHER  
TRANSPORT-O-LUX?  
I THINK I'LL NEED IT.

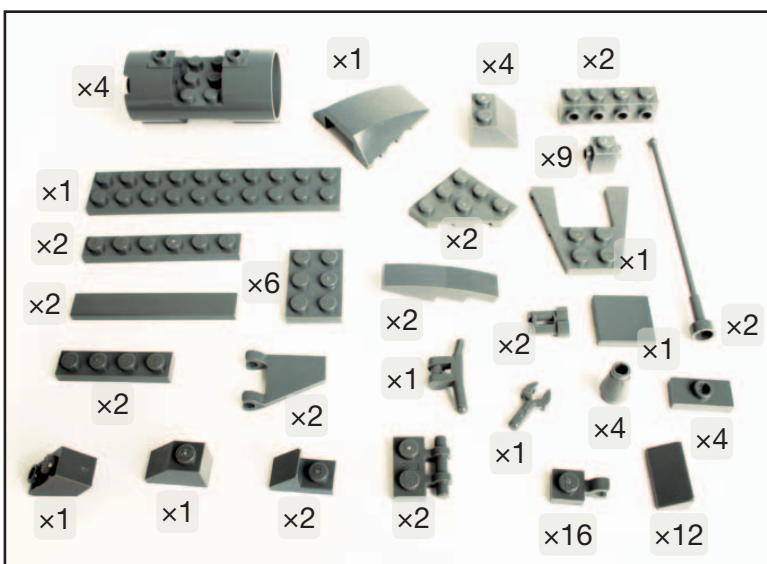
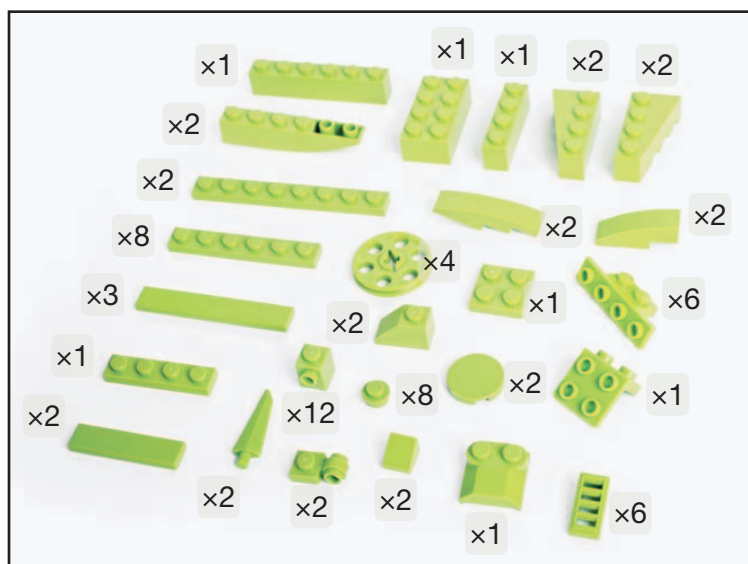
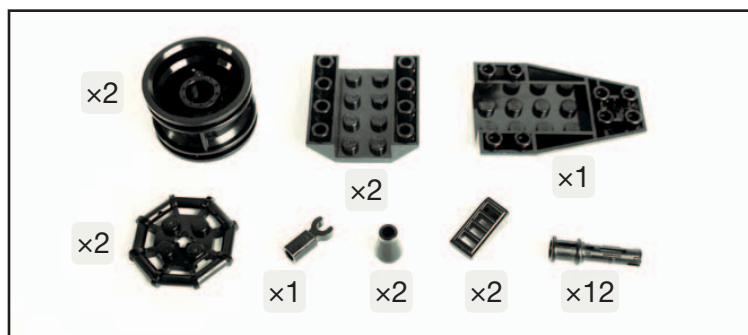
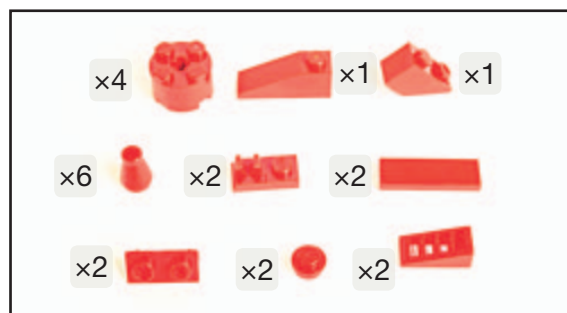
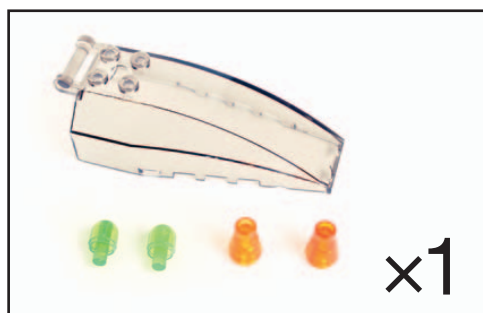
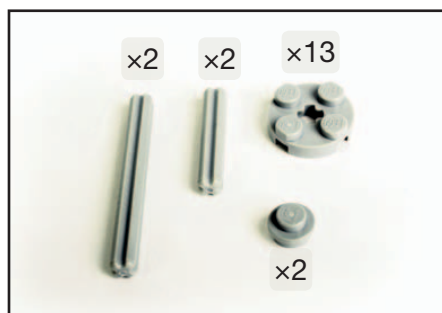




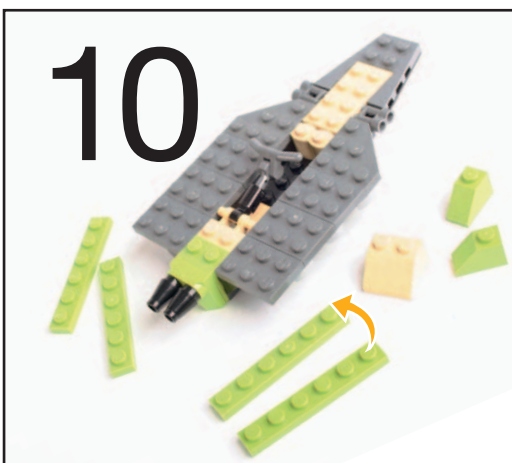
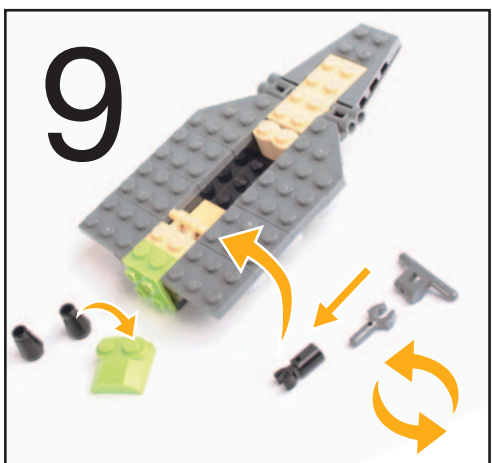
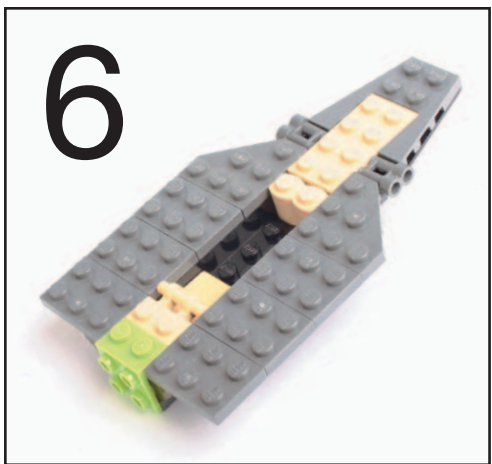
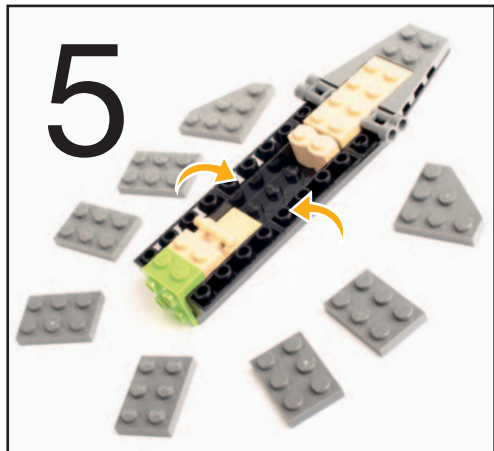
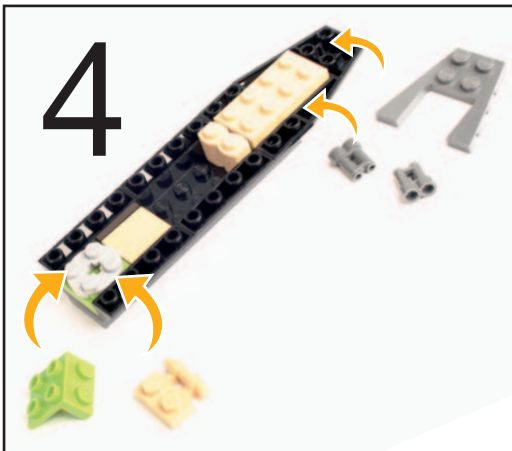
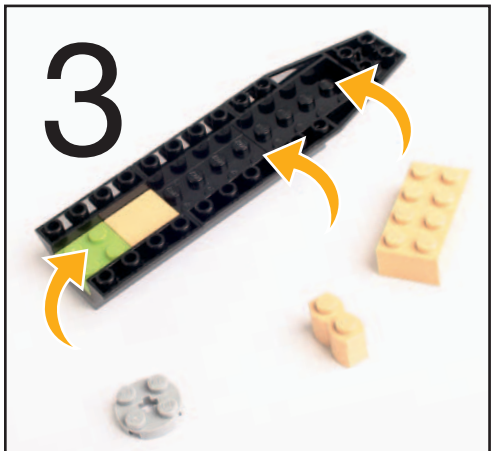
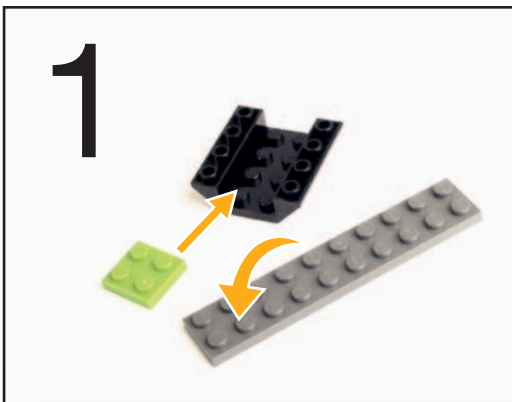
# Havoc: A Viper Fighter



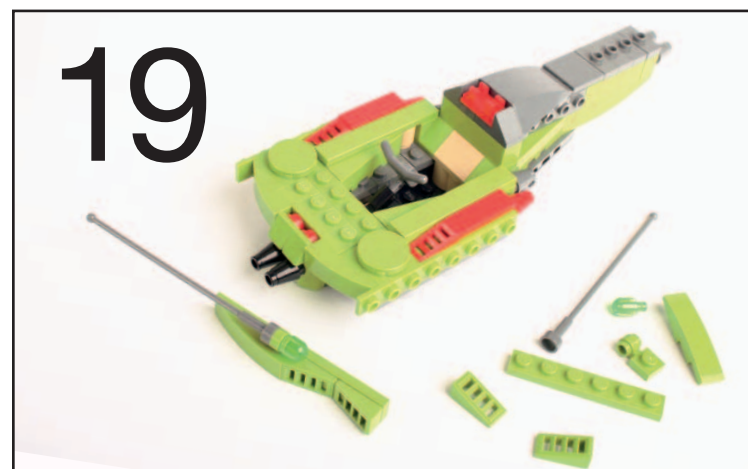
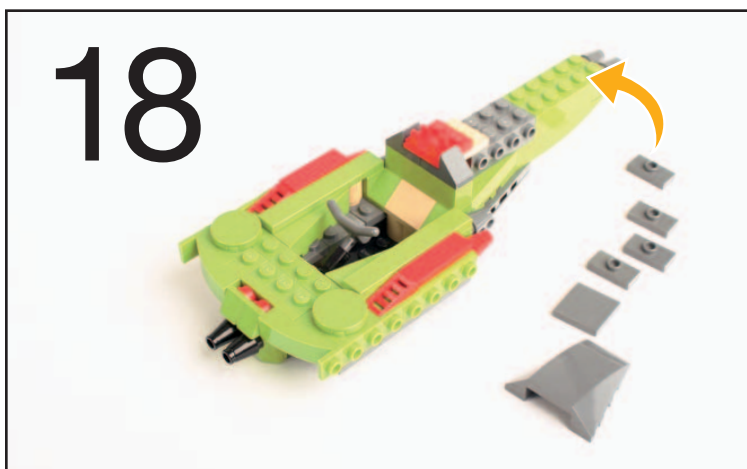
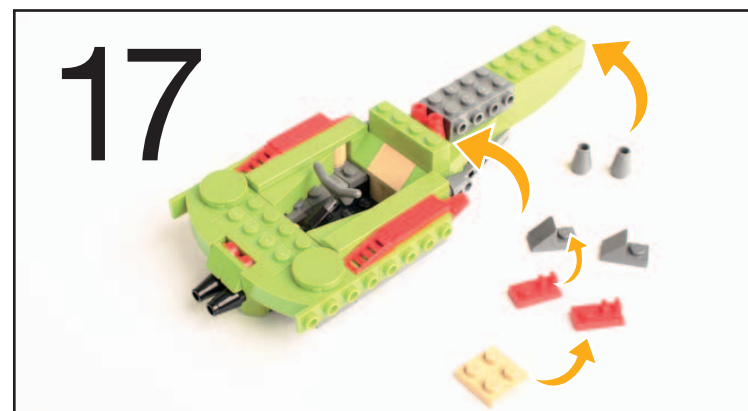
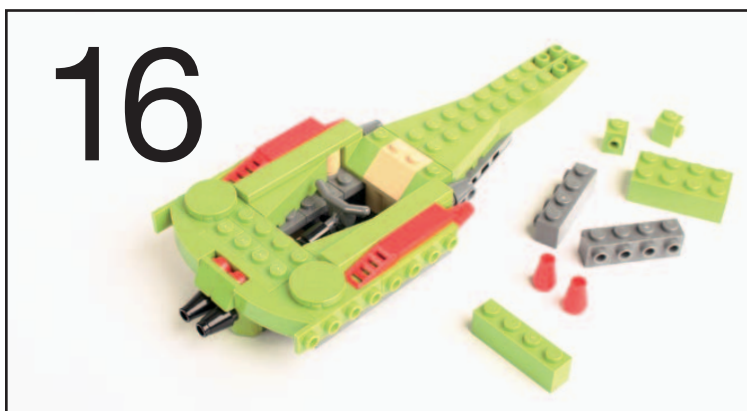
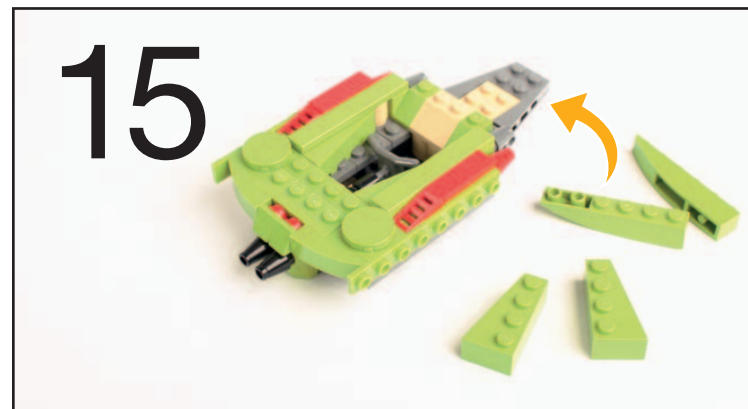
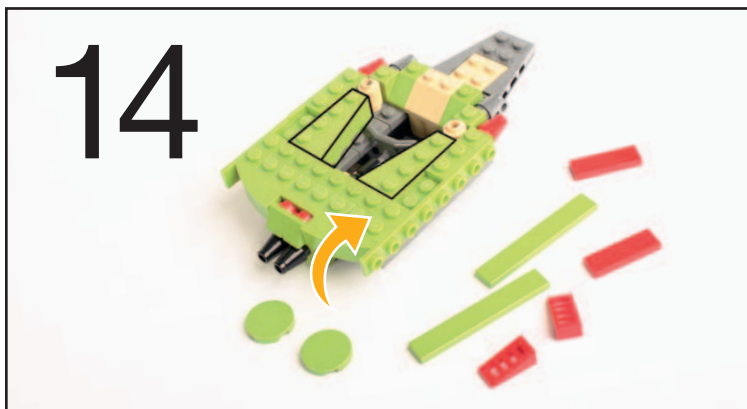
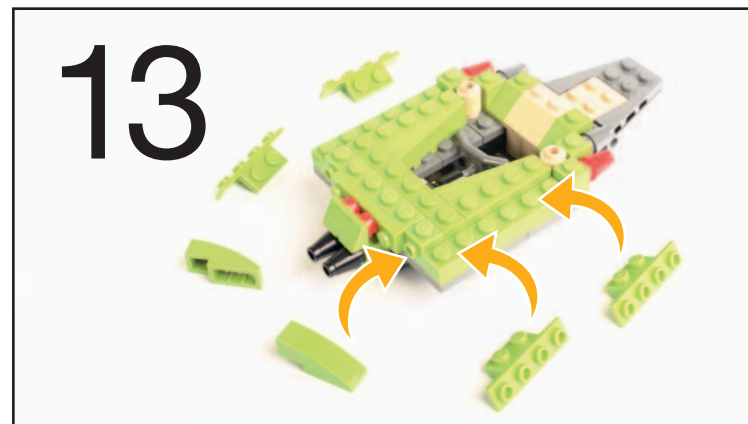
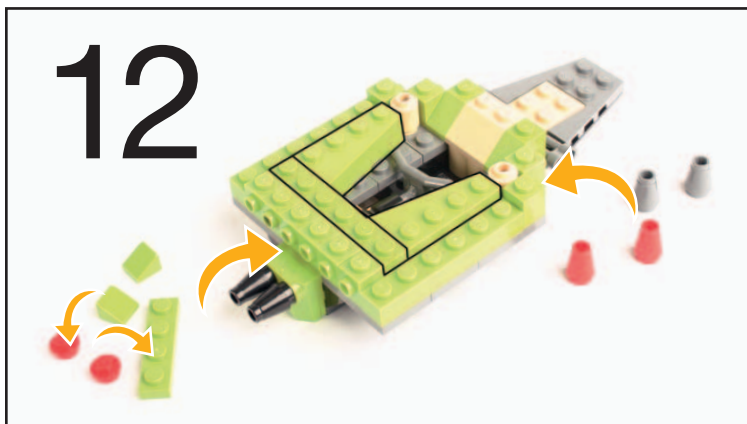
GET READY TO BUILD MY IMPRESSIVE STARFIGHTER! YOU SHOULDN'T HAVE TOO MUCH TROUBLE BUILDING THIS ONE.



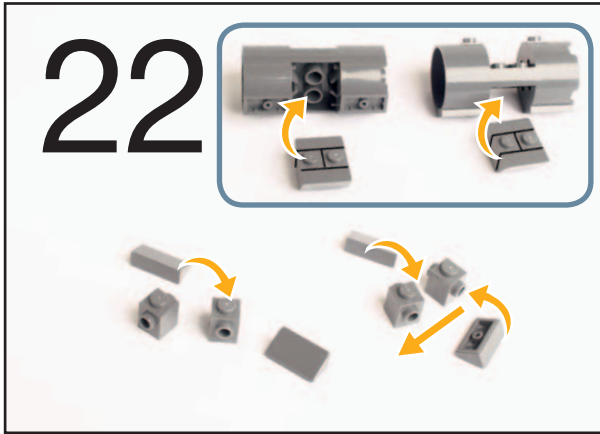
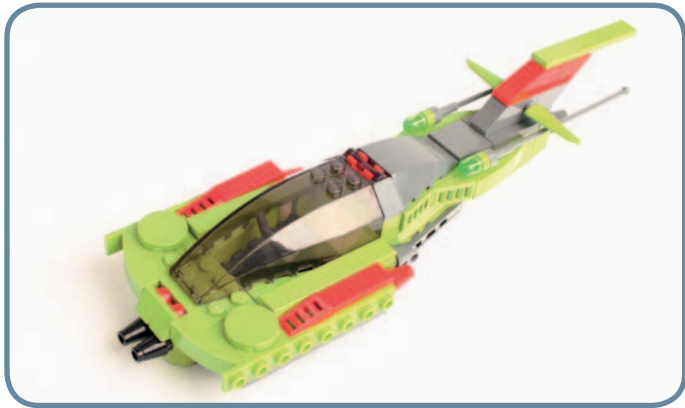
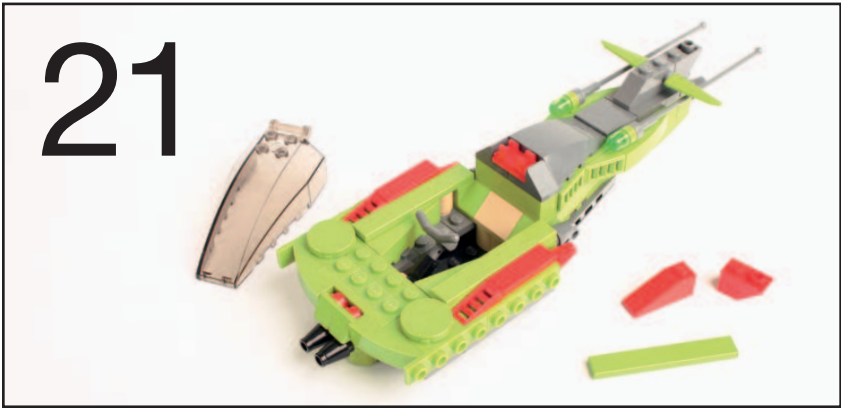
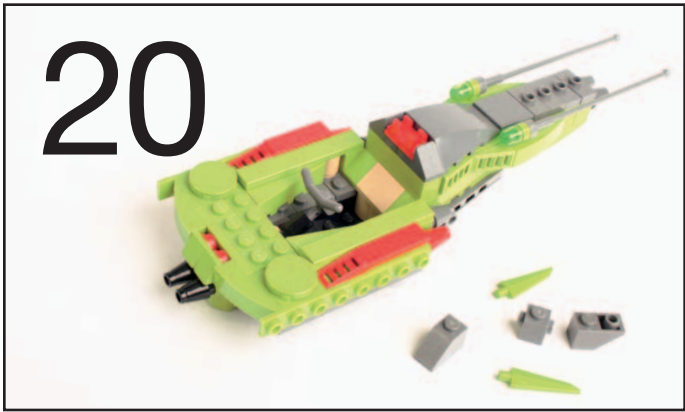
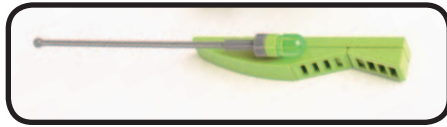
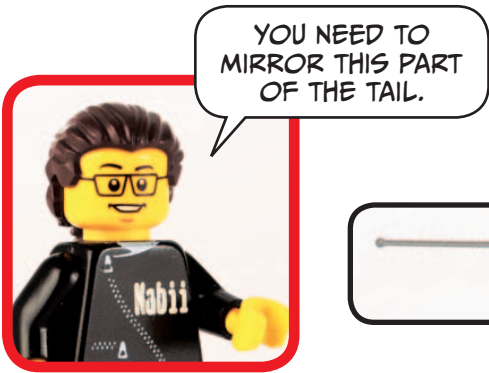




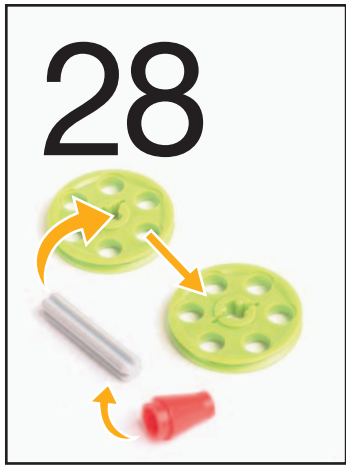




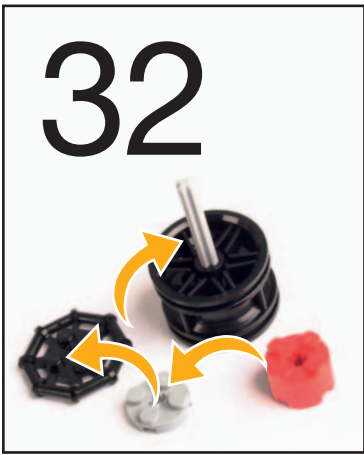




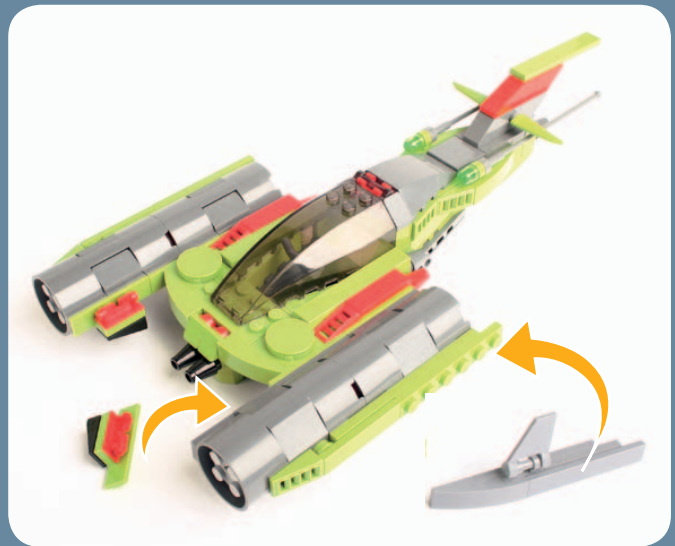
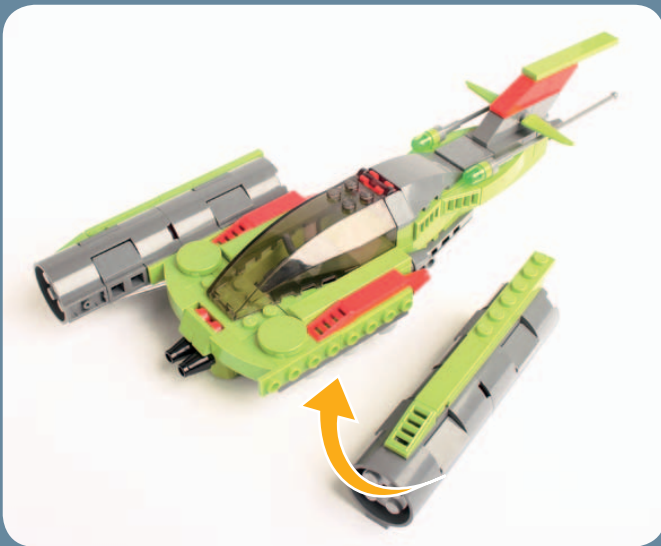




**Building Tip**  
A LEGO wheel rim can also be used to design all sorts of guns and engines for a spaceship.











WOW, SWEET SPACESHIP!  
WHY'S IT CALLED A VIPER?

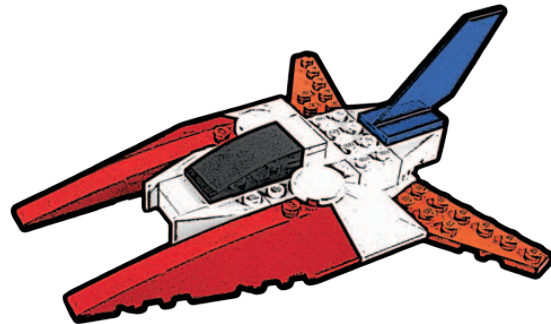
IT'S ACTUALLY CALLED HAVOC,  
BUT ITS FIGHTER CLASS IS VIPER.  
THAT'S THE NAME OF A FIGHTER SHIP  
FROM AN OLD COMPUTER GAME.  
SOME LEGO SPACE FANS STARTED  
AN ONLINE BUILDING CHALLENGE  
WITH SOME SIMPLE RULES INSPIRED  
BY THIS STARFIGHTER.



### A LEGO Viper should have...

- two forward prongs
- a one-person cockpit
- two rear wings
- one vertical tail fin

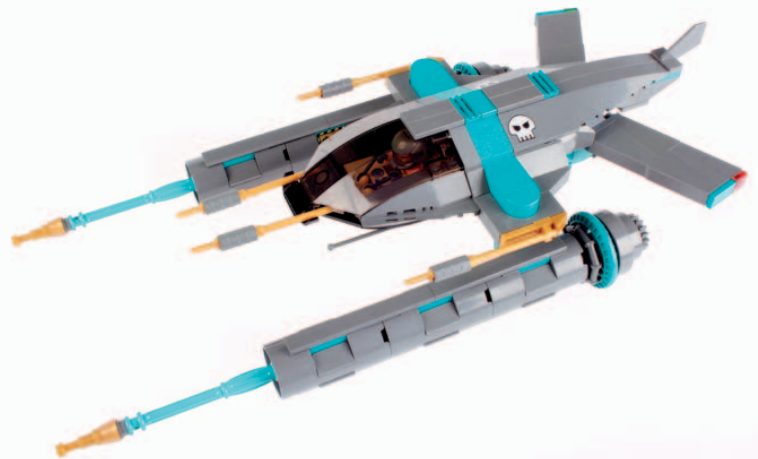
The rest of the build is entirely up to you.



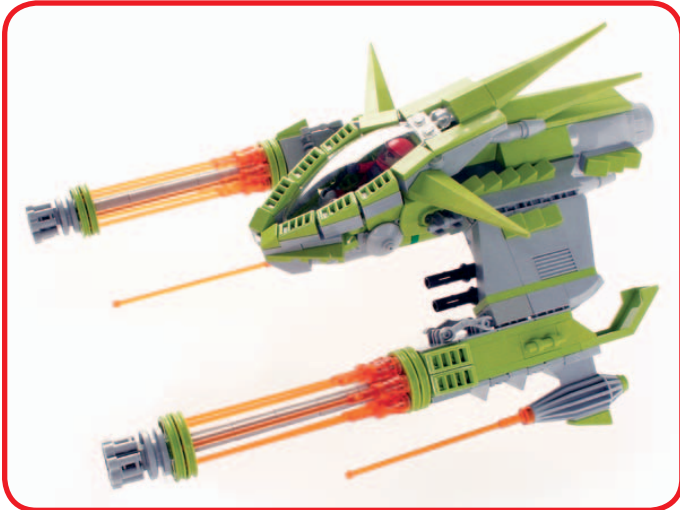
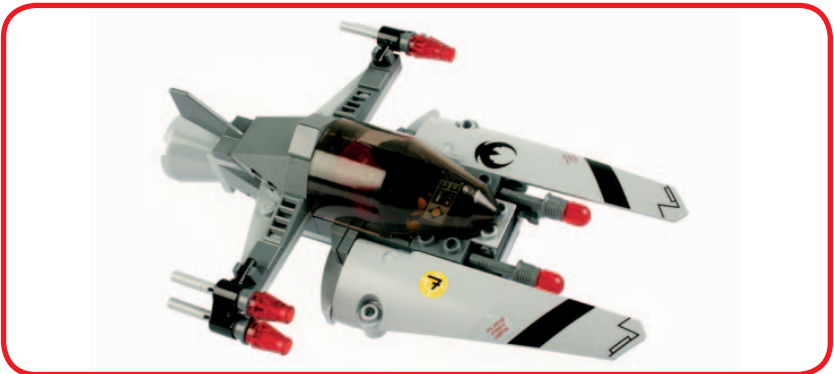
## Viper Inspiration



HERE ARE JUST A FEW OF MY VIPERS.  
YOU SHOULD SEE  
MY SPACEPORT!





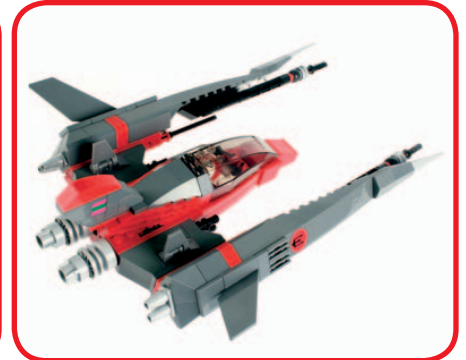






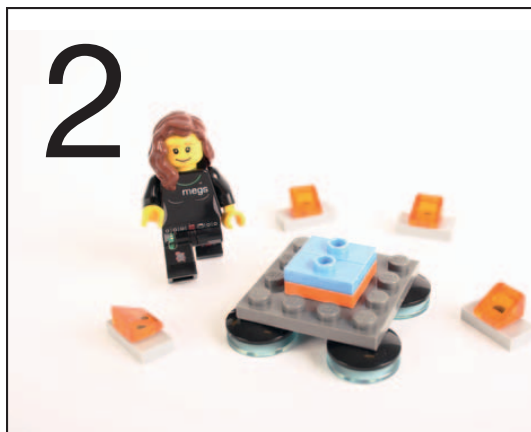
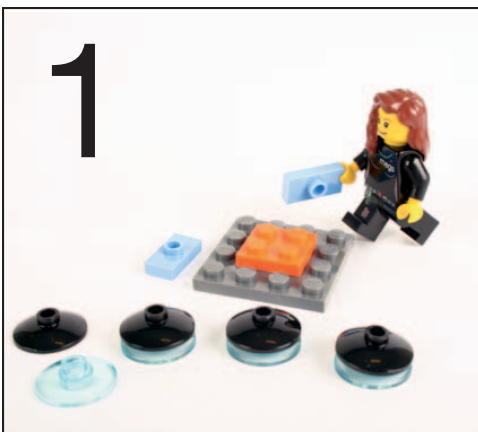
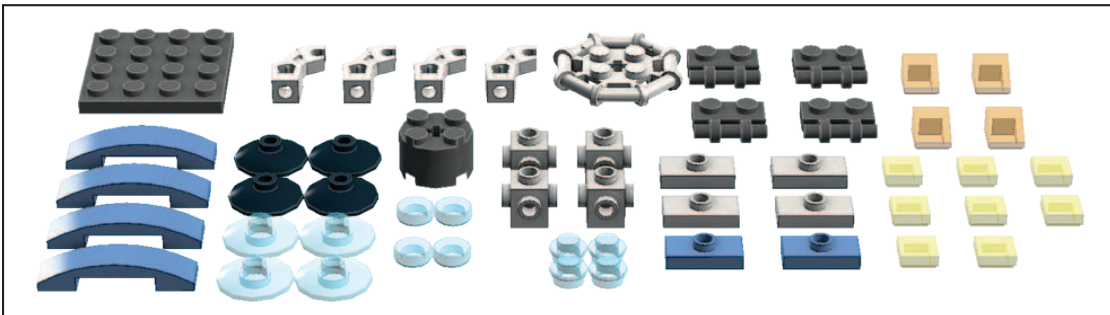
### BUILDING JOURNAL

Although the release of the Destructor is still very much on my mind, I'm always open to new ideas and builds. I was intrigued by how widely Nabii had managed to take the design of his fighters while still following the Viper build rules. I think restrictions can sometimes fuel innovation and push you in unexpected directions. I'll have to remember that in my future building!



## Transport-o-lux 2.0

Megs, I have the parts for a new Transport-o-lux. I've done my part. Now it is up to you to assemble it.





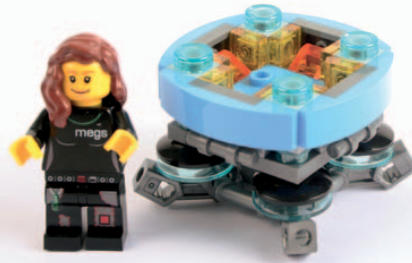
4



5



6



I'VE GOT A COOL  
NEW RIDE! NOW TO  
CATCH UP WITH THE  
DESTRUCTOR...

SEE YOU AROUND, NABII.  
HAVE A SAFE JOURNEY!

COOL UPGRADES!  
GOOD LUCK, MEGS!



PUNCH IN THE  
COORDINATES, BRICKBOT.  
I HAVE A DESTRUCTOR  
TO STOP!

WHOOOSH!



I SHOULD TELL THE  
TRIPLE C WHAT HAS  
HAPPENED.







NO, MY NAME IS MEGS.  
I'M A CREATOR, NOT A  
DESTRUCTOR. LET ME  
PROVE IT BY HELPING  
YOU UNDO ALL OF THIS  
DESTRUCTION!

OH NO!  
ANOTHER  
DESTRUCTOR!





# Service with a Smile



**Are J. Heiseldal**

**Nickname:** L@go

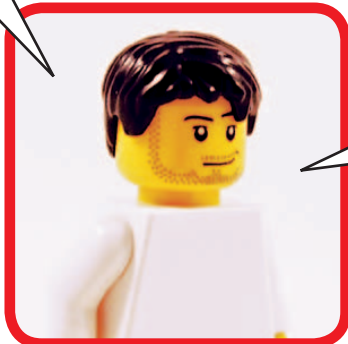
**Profession:** TV Journalist

**Nationality:** Norwegian

**Website:** [www.flickr.com/photos/legolago/](http://www.flickr.com/photos/legolago/)



YEAH, I CAN VOUCH FOR HER, GUS. I'VE MET HER BEFORE. SHE'S FRIENDLY.



I FOUND THAT IT WAS A BIT BORING TO BE SO ANONYMOUS.

HEY, ARE!  
I REMEMBER YOU!  
YOU LOOK DIFFERENT  
WITHOUT YOUR  
HELMET ON.

GOOD FOR YOU!

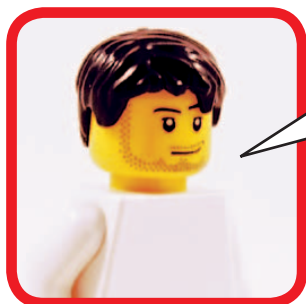




LET'S SORT THESE  
LEGO BRICKS AND  
GET BUILDING!

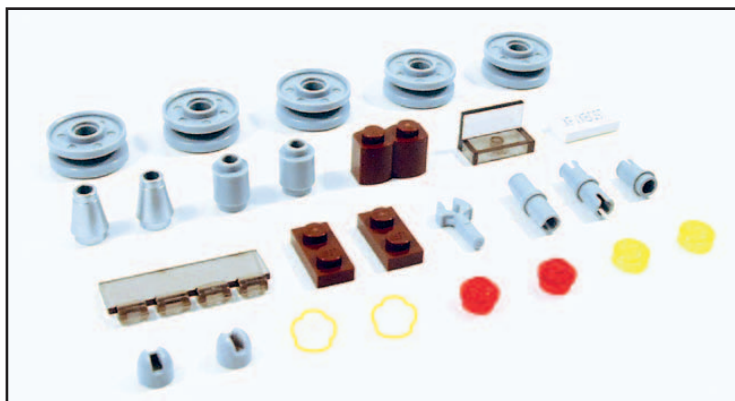
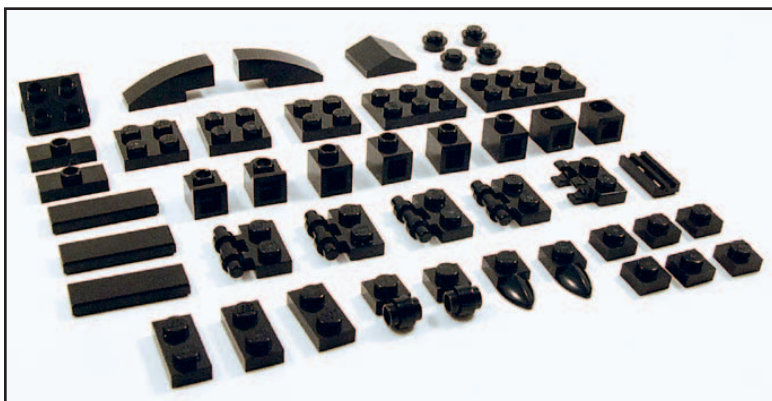
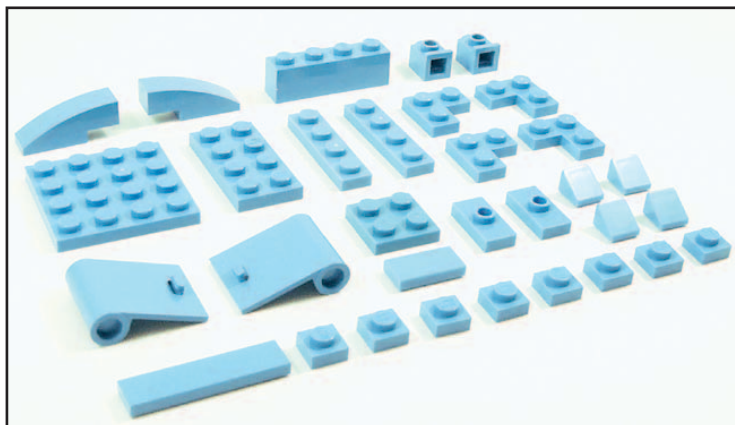
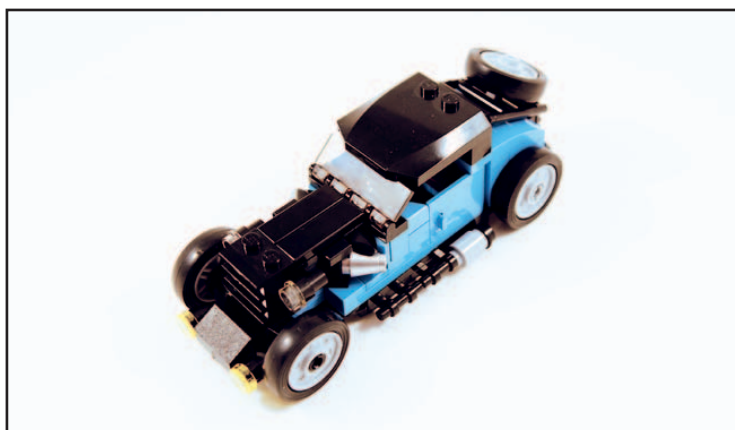


OK, I'LL DO  
THE LIGHT  
BLUE PIECES!

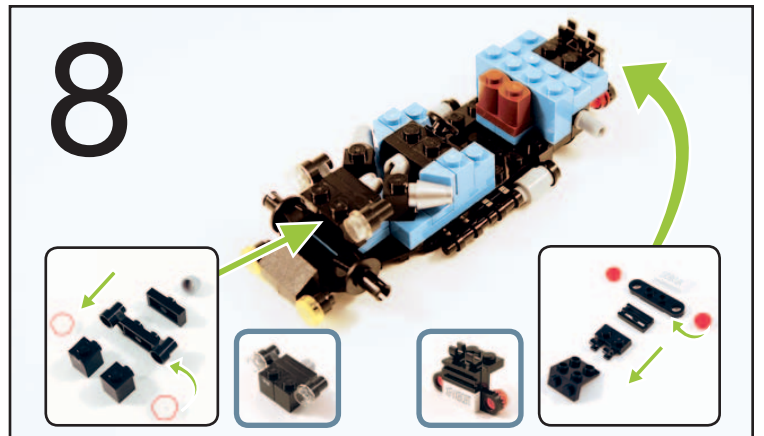
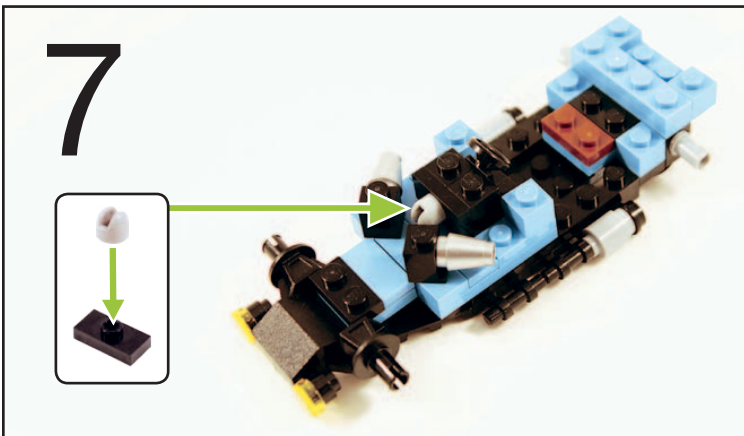
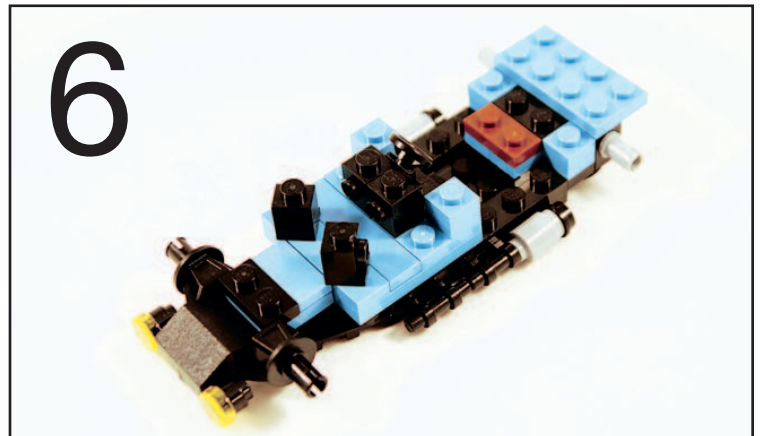
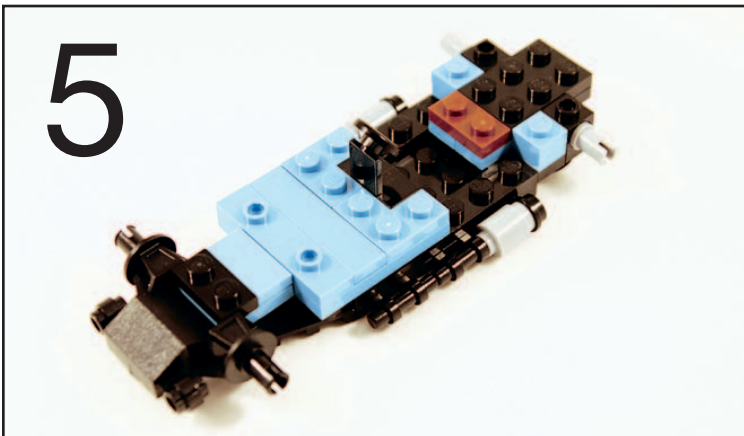
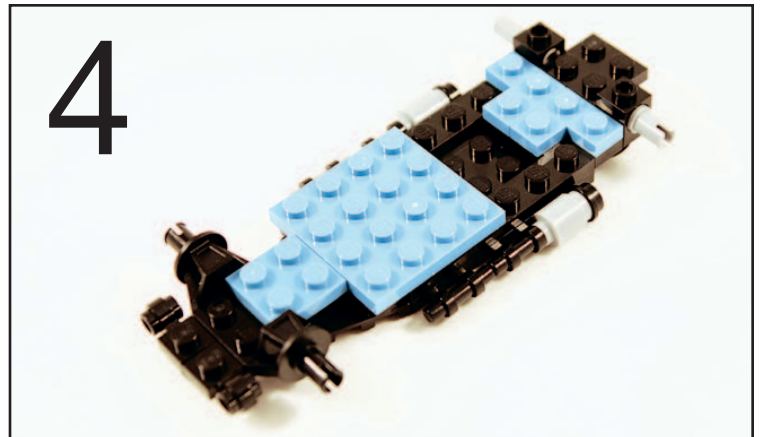
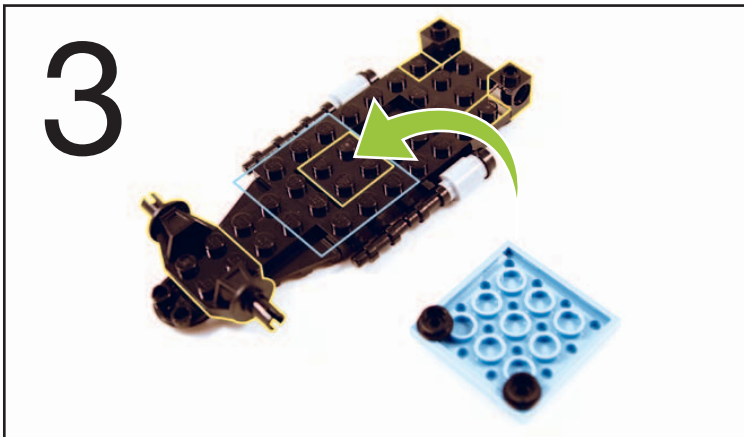
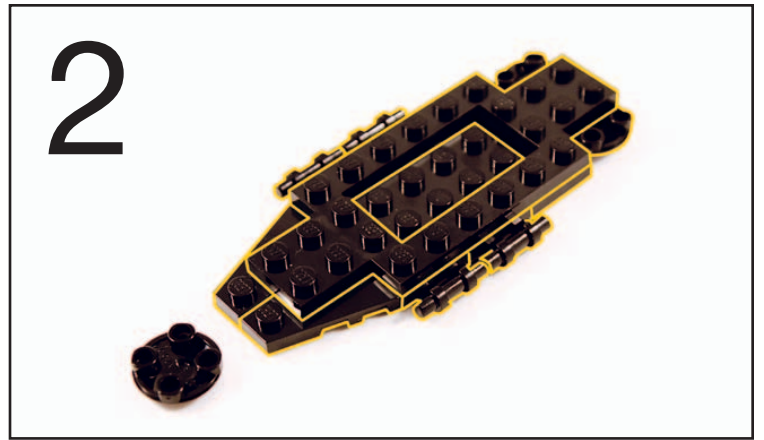
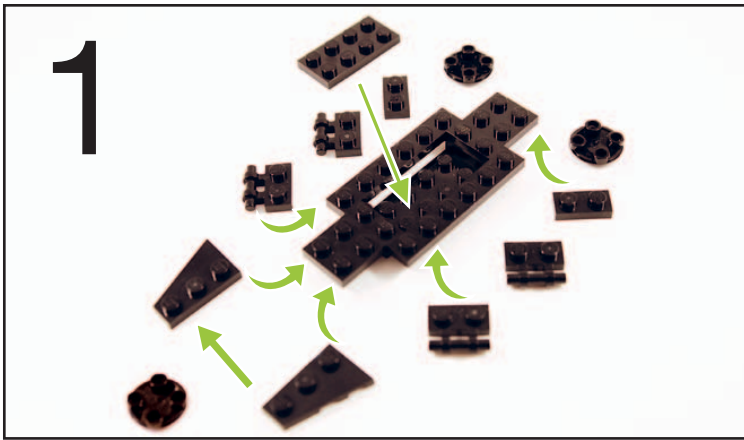


GET READY TO BUILD  
THE BLUE EAGLE. PAY  
CLOSE ATTENTION TO  
THE SUBASSEMBLIES  
AS YOU GO.

## Blue Eagle

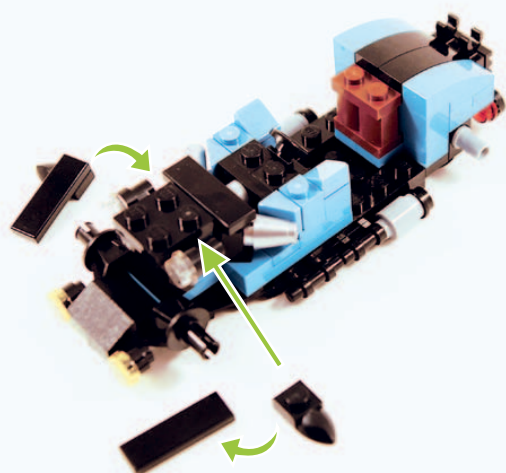




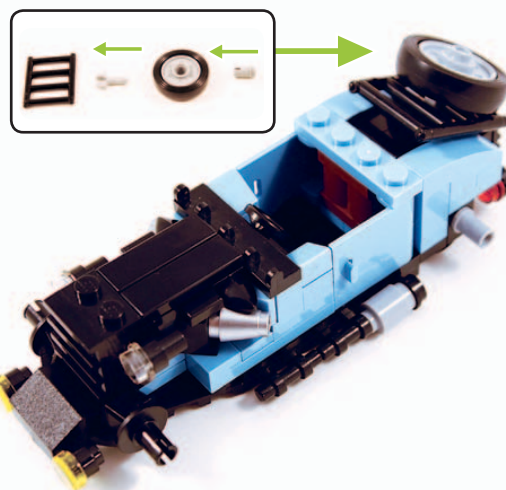




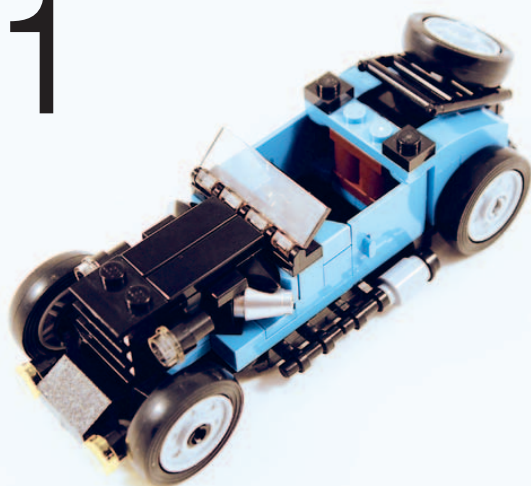
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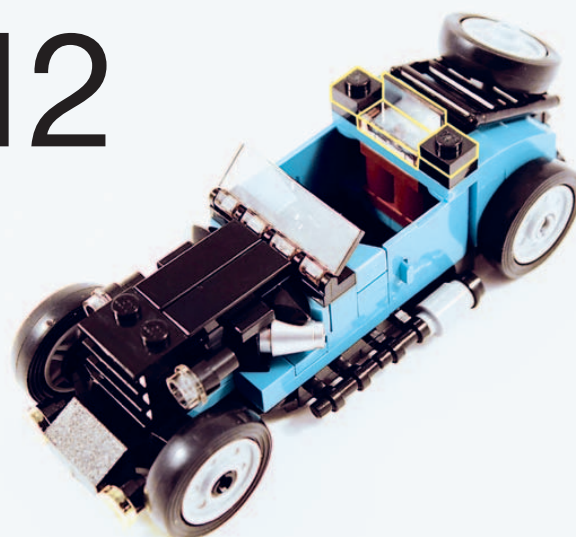
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# 11

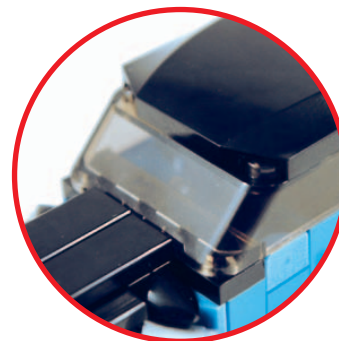
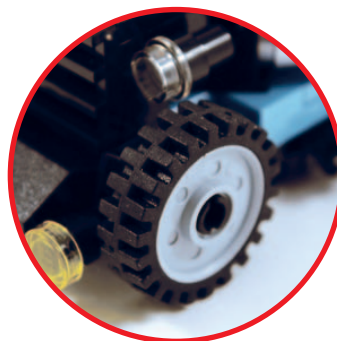
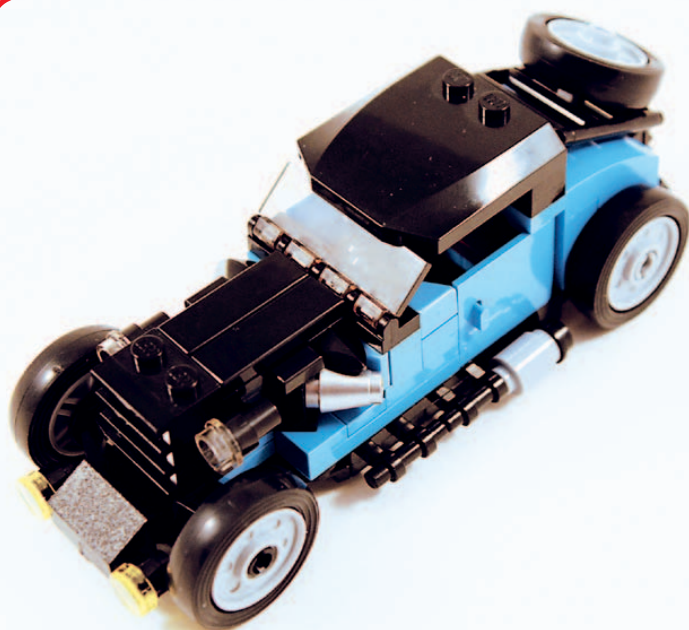


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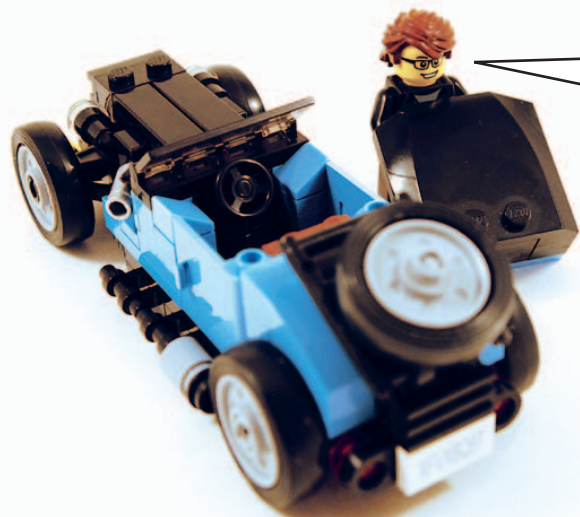


## Building Tip

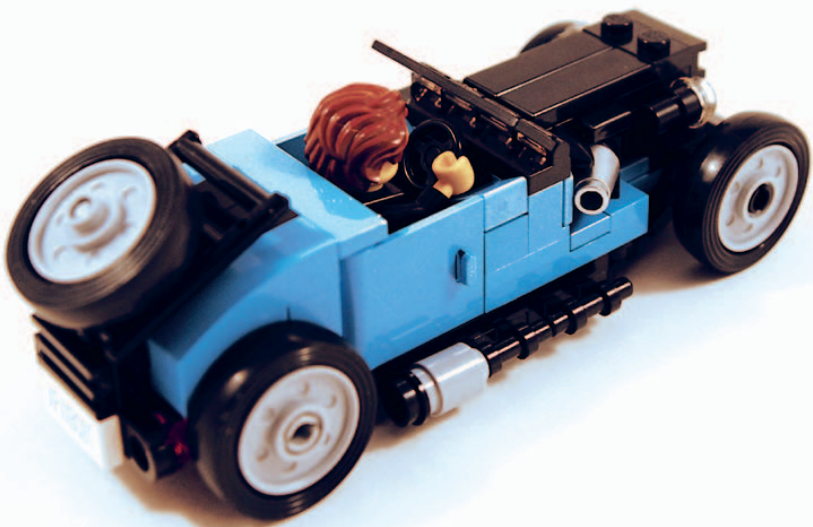
If you don't have these tires or this type of windscreen, you can use something similar. Use your imagination and the LEGO bricks that you have in your own collection.







HEY, YOU'VE ADDED A ROOF TO MY CONVERTIBLE! THAT'S NICE, BUT I LIKE TO FEEL THE WIND BLOWING THROUGH MY HAIR. I'LL JUST MAKE A QUICK ADJUSTMENT.



**Building Tip**  
If you make the roof easily removable, you can turn your a car into a convertible in just a few steps. Take off the roof and add a 1x4 tile to cover the studs and create a smooth look—and voilà! You have a sleek roadster!



IT'S ACTUALLY PRETTIER THAN I REMEMBER. NOW I HAVE TO GET BACK TO MY GAS STATION BECAUSE I'M EXPECTING A GAS DELIVERY ANY MOMENT.

ARE, CAN YOU SHOW MEGS AROUND? MAYBE YOU TWO CAN CHECK TO SEE IF THE DESTRUCTOR DESTROYED ANY OTHER MODELS!

SURE THING, GUS, I'D BE HAPPY TO! MEGS, LET'S CHECK OUT GUS'S GAS STATION.

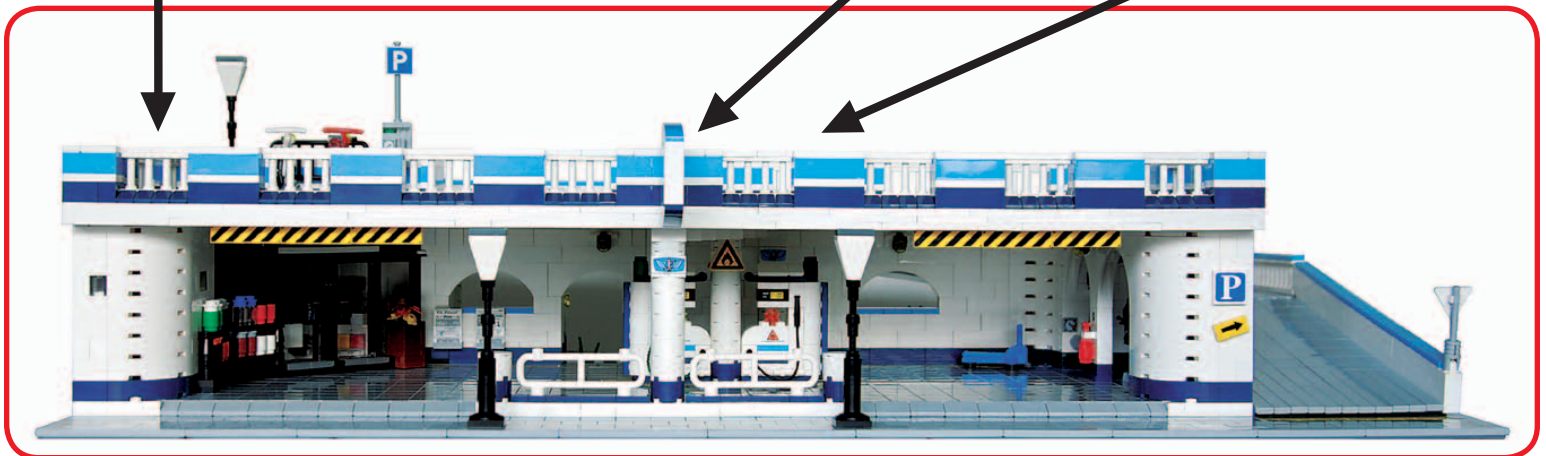
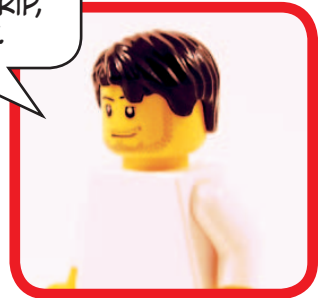
OK, THAT SOUNDS GREAT!



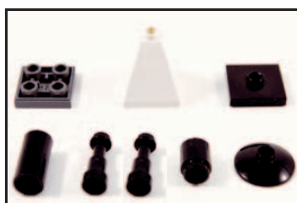




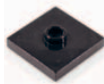
GUS'S STATION IS BUILT WITH NICE ROUNDED CORNERS AND COOL COLORS. IN THE CORNER, THERE'S A SHOP THAT SELLS MOTOR OIL AND OTHER STUFF FOR YOUR CAR, AND HOT DOGS AND DONUTS FOR YOUR STOMACH. AND FOR FOLKS ON A LONG ROAD TRIP, THERE'S A LITTLE TOILET.



## Street Lamp



1



2



3



4



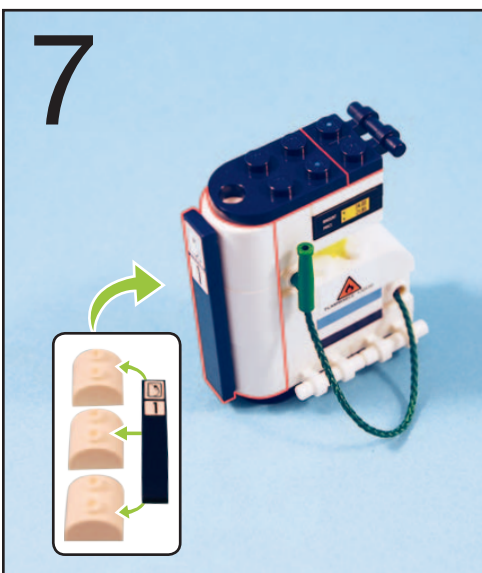
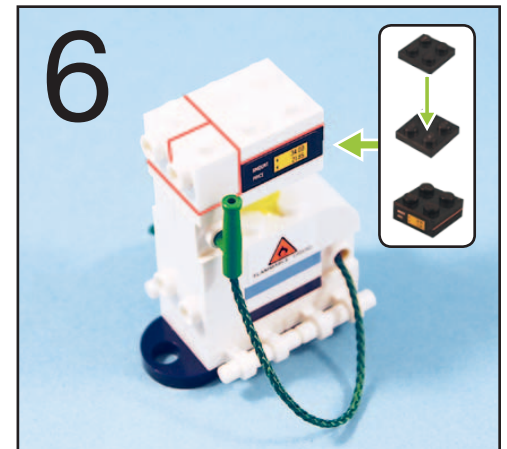
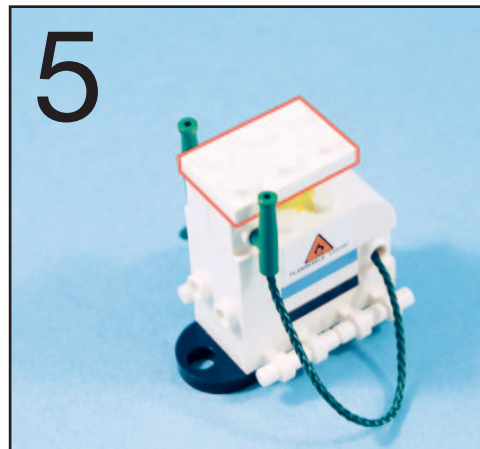
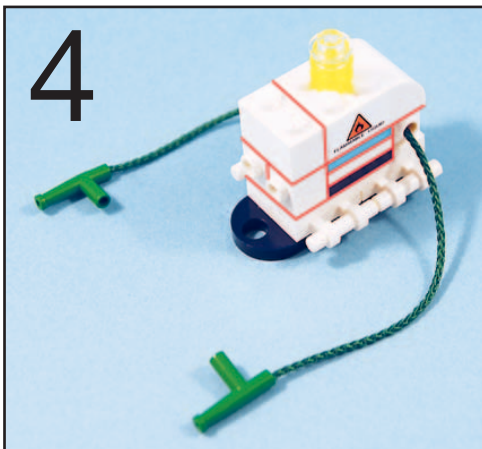
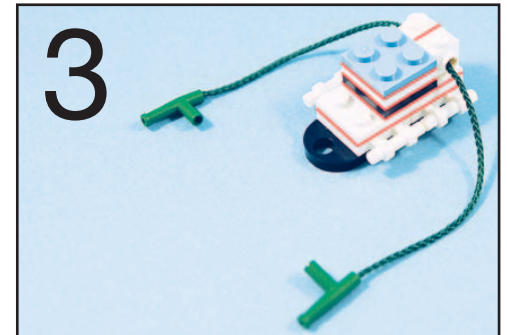
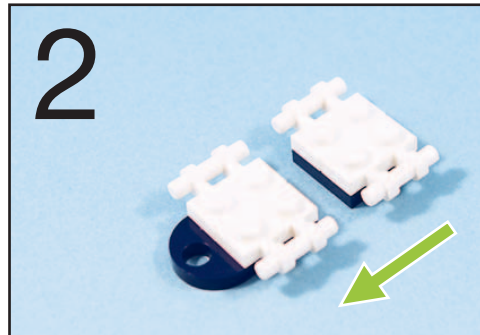
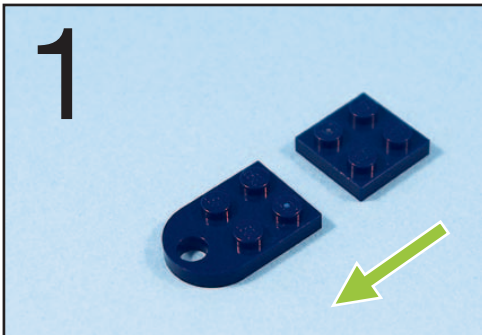
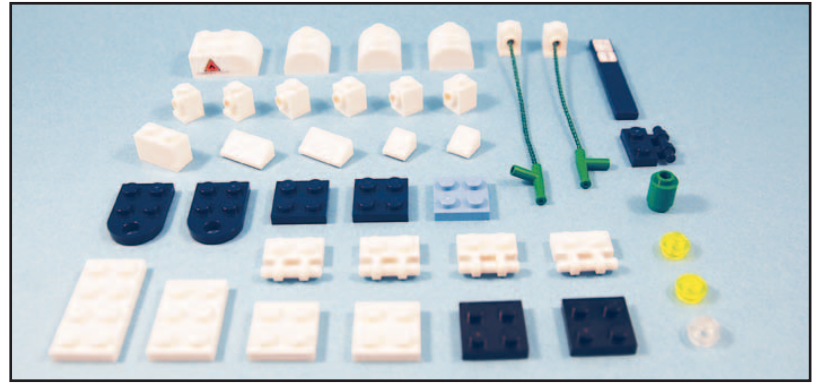
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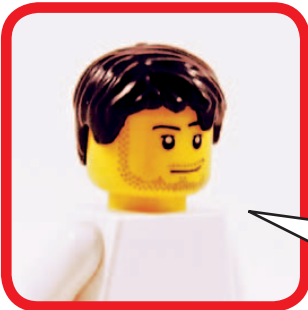
## Gas Pump



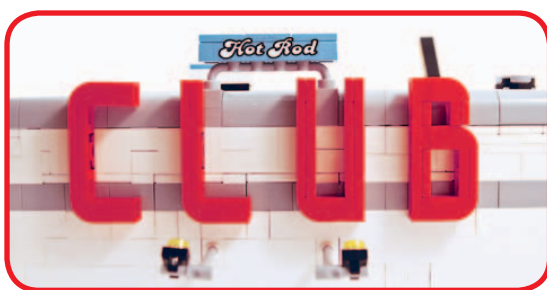
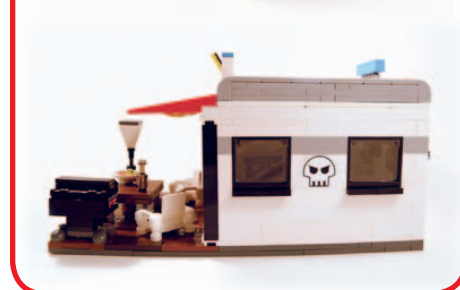
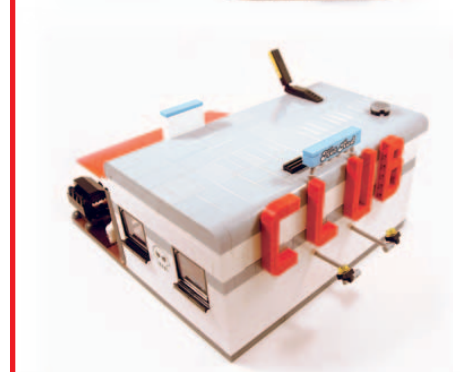
### ***BUILDING JOURNAL***

The gas station Are built for Gus has many iconic details: a corner shop, stacks of motor oil cans, a jack, tools, street lamps, and gas pumps. His use of white with light and dark blue for highlight colors creates a nice clean look. Tile elements give it a ceramic feel, and all of the details add a sense of realism to the model.



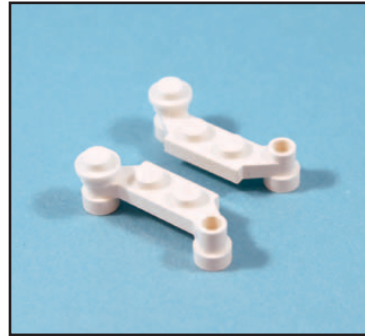
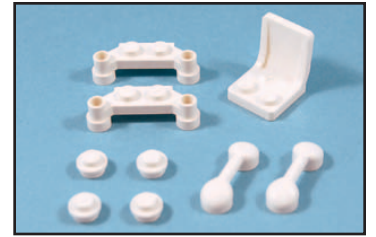
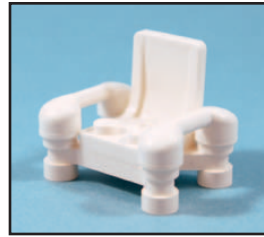


ON THE ROOF OF GUS'S GAS STATION THERE'S A BRAND-NEW CLUBHOUSE FOR THE LOCAL HOT ROD CLUB, WHICH OUTGREW ITS OLD HANGOUT FROM 1994. IT'S THE PLACE TO BE IF YOU'RE CRAZY ABOUT COOL RIDES AND MEAN MACHINES, WITH PLENTY OF PARKING SPACES OUTSIDE FOR THE CLUB MEMBERS—OR ANYBODY ELSE WHO WANTS TO CHECK OUT WHAT'S GOING ON.

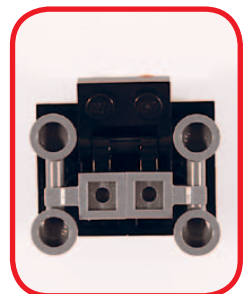
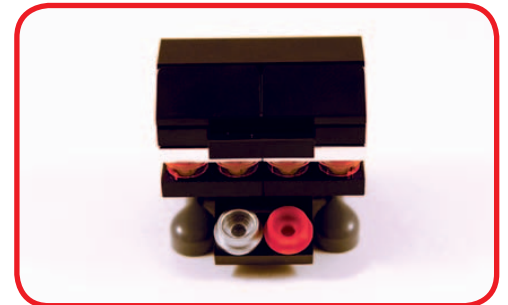




## Lawn Chair



## BBQ

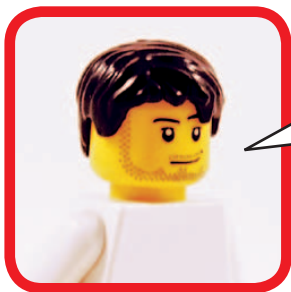


### ***BUILDING JOURNAL***

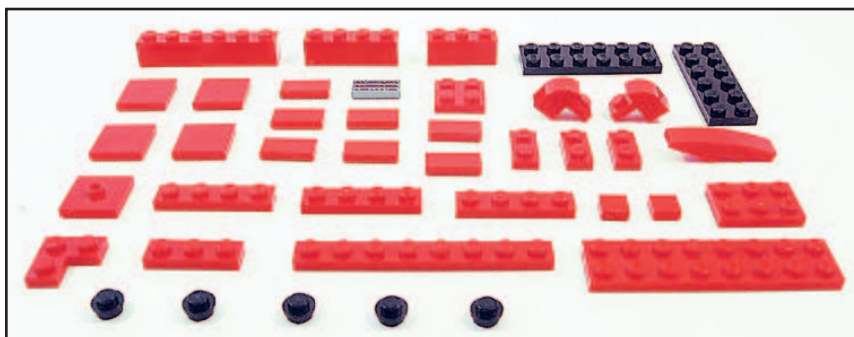
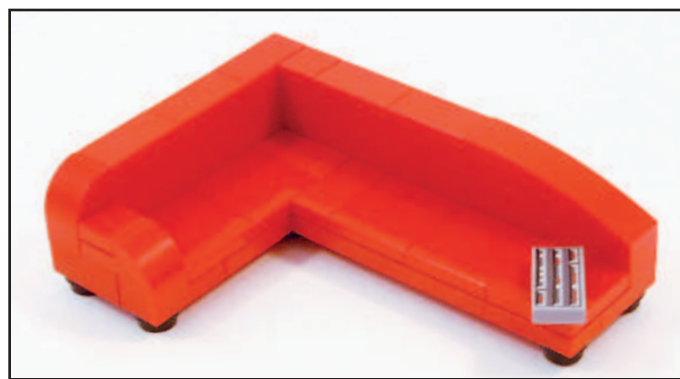
The Hot Rod Club is a perfect hangout for hot-rodders! Building a BBQ grill and a picnic table helps to tie everything together. A sofa, TV, and car parts on the wall say right away this is a place for car fans. I should remember to think of some iconic details that suit the character of the building for the next time I build an interior.



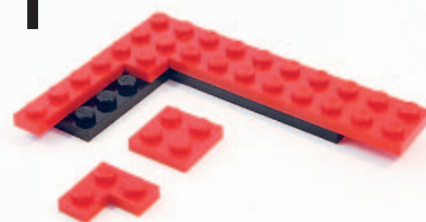
# Clubhouse Sofa



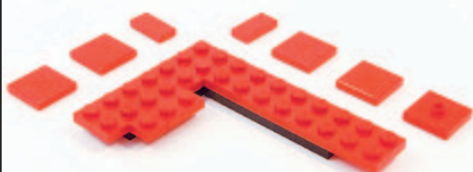
THIS IS THE PERFECT  
PLACE TO CHILL OUT  
AFTER WORKING ON  
CARS ALL DAY.



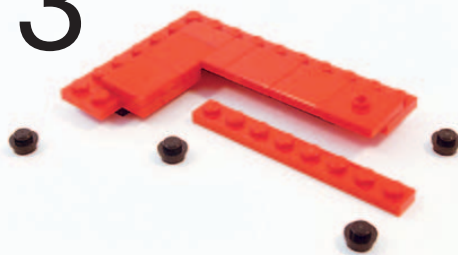
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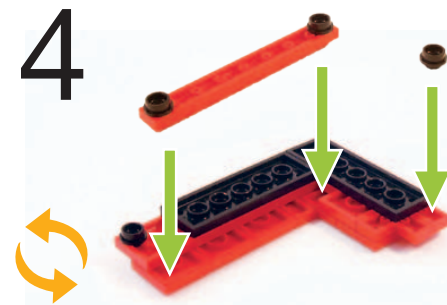
2



3



4



5



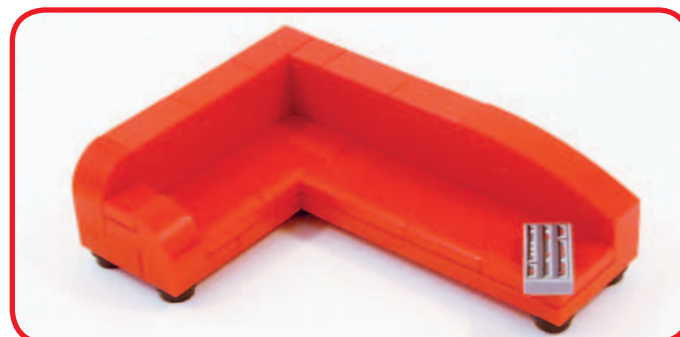
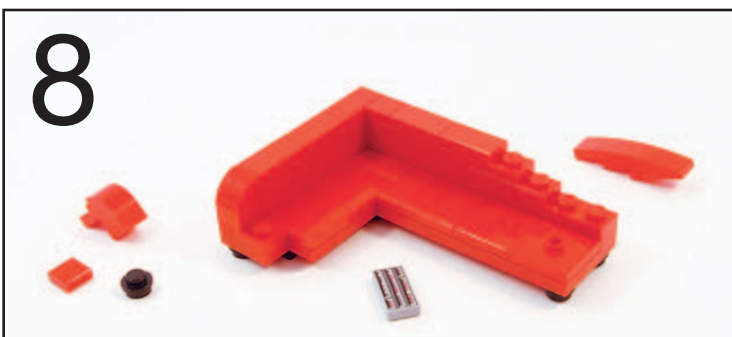
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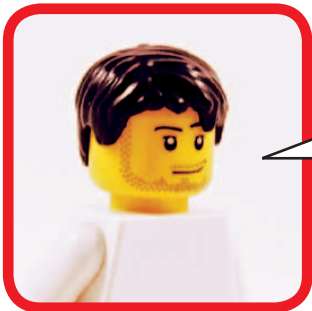
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8



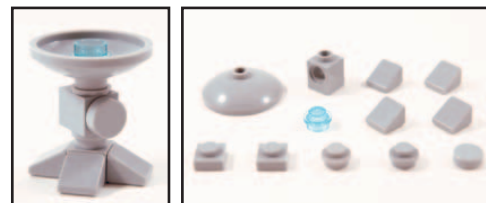




THERE'S A RAMP THAT GOES AROUND THE BACK SO THAT THE HOT RODS CAN GET UP TO THE CLUBHOUSE. OH! I'M SURE THAT IF GUS HAD KNOWN WE WERE COMING, HE'D HAVE REMOVED THAT GARBAGE PILE BEHIND THE GAS STATION! I'M SORRY ABOUT THAT.



## Water Fountain



1



2



3

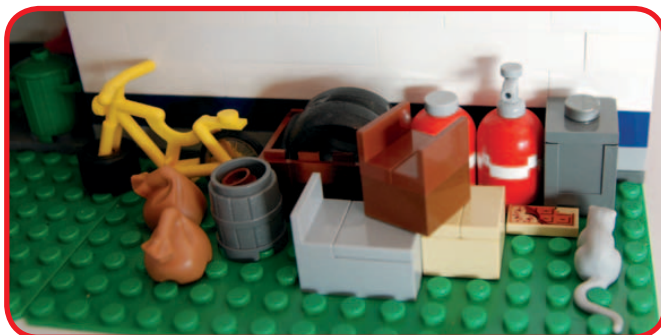


4



### Building Tip

Including stickers that complement your model is a great way to add character to your build.



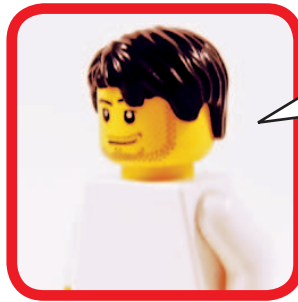
### Building Tip

You can make a gas station more realistic by adding details like a drinking fountain and some old boxes lying around. Try using some old, dirty bricks as garbage—and maybe even add a rat looking for a snack!



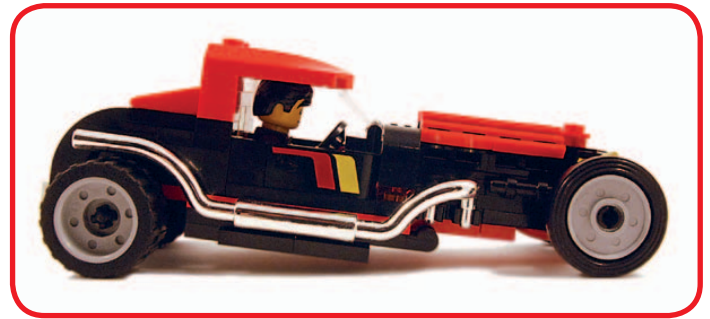
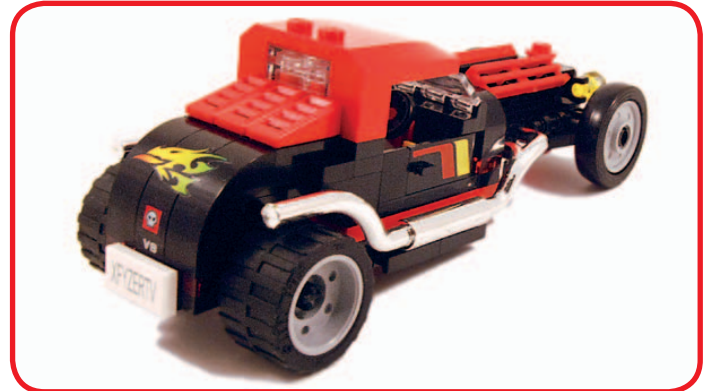


WOW, ARE, GUS'S GAS STATION AND HOT ROD CLUB IS FULLY EPIC! THANKS FOR SHARING IT WITH ME!

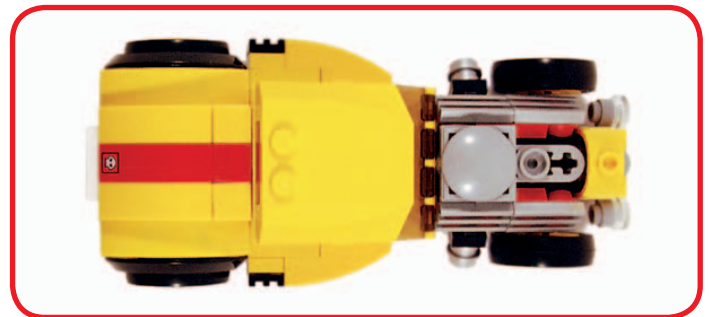


NO PROBLEM, MEGS, BUT WE'RE NOT DONE YET, FOR NO HOT ROD CLUB WOULD BE COMPLETE WITHOUT SOME SWEET RIDES TO GO WITH IT!

## Hot Howler

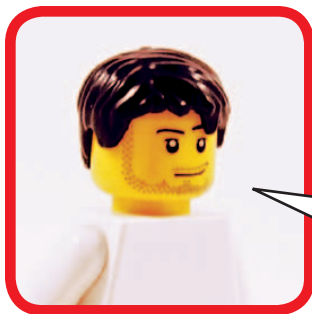
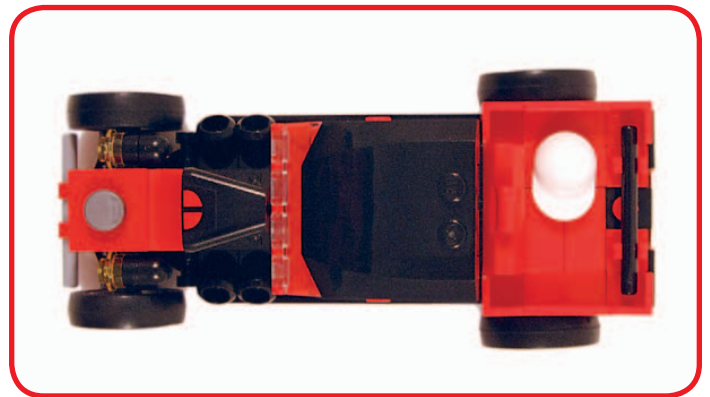


## Sweet Yello





# Rebel Roadster



THE MEMBERS OF THE HOT ROD CLUB OFTEN GIVE THEIR CARS NAMES THAT SOUND ANGRY OR DANGEROUS. BUT UNDERNEATH THAT TOUGH IMAGE, THEY'RE REALLY FRIENDLY GUYS!

## Building Tip

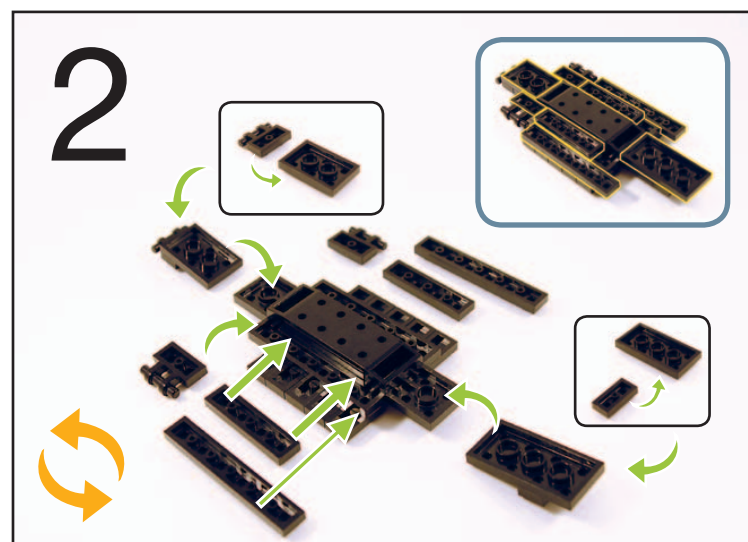
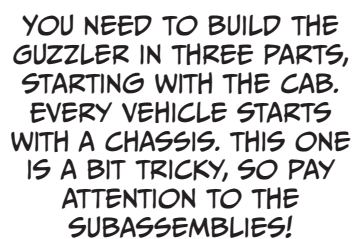
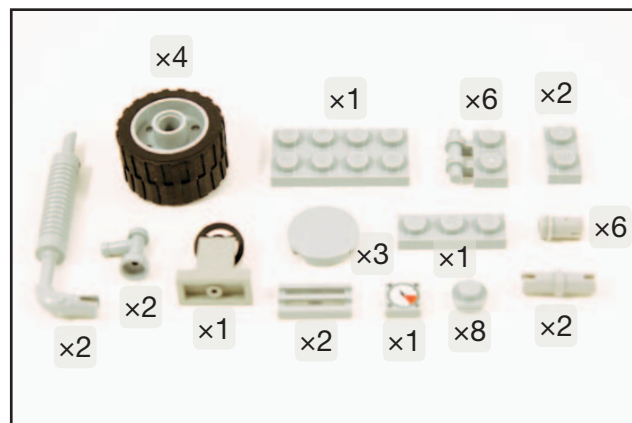
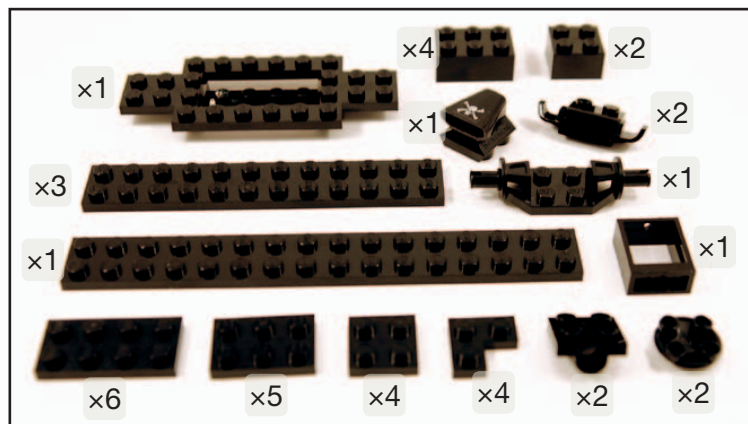
Hot rods and muscle cars often have a wide rear axle and bigger rear wheels to give them an aggressive and fast look. If you don't have wheels in different sizes, you can change the axle width by placing the rear wheels farther apart than the front wheels.



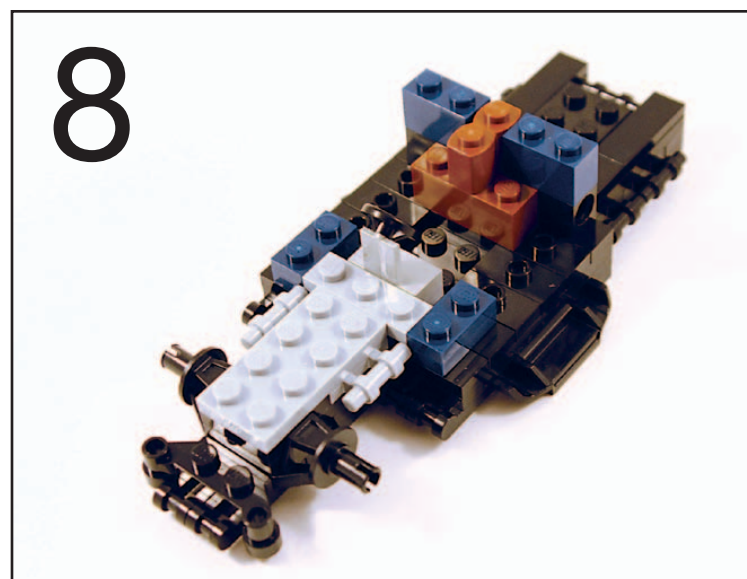
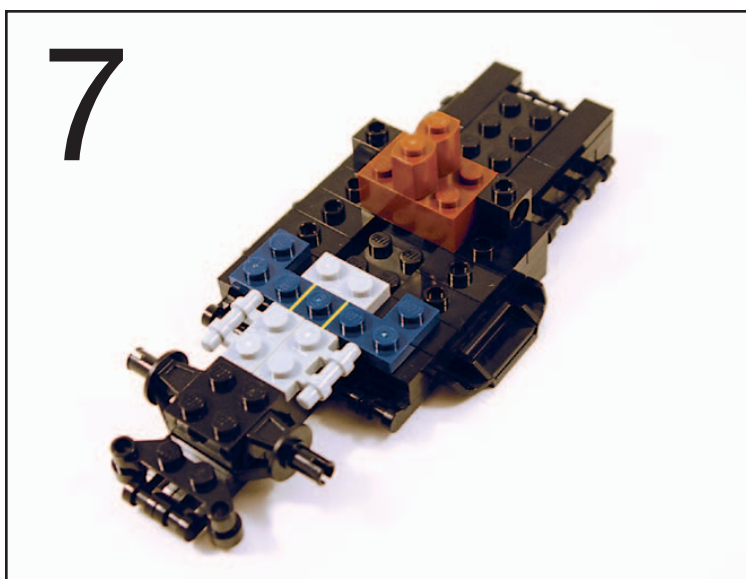
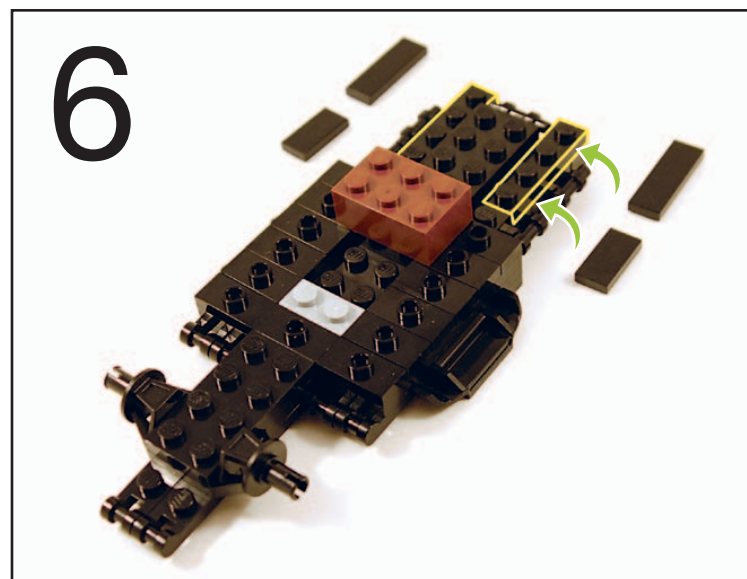
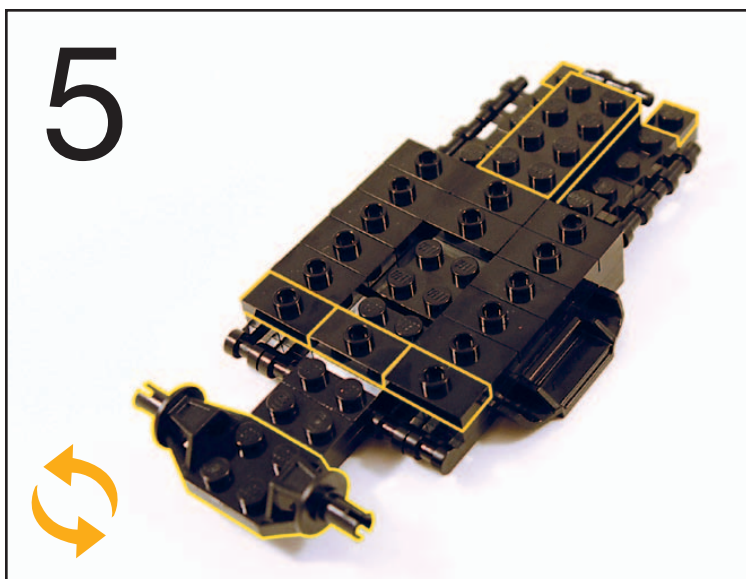
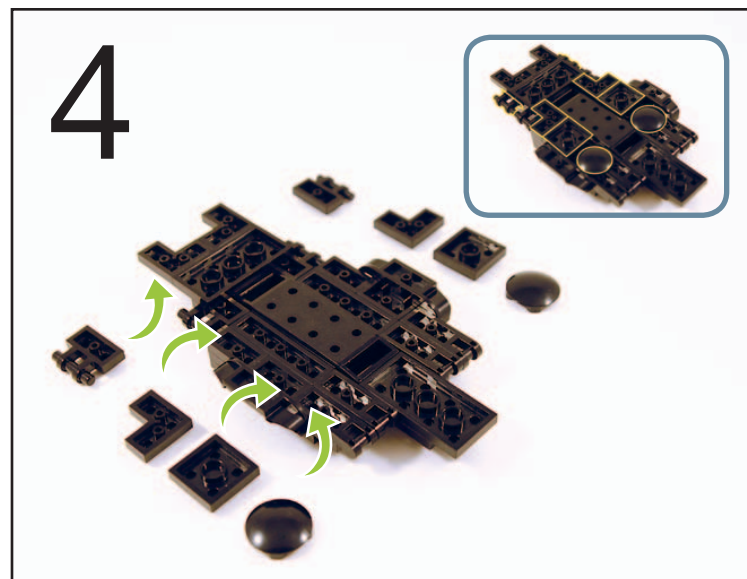
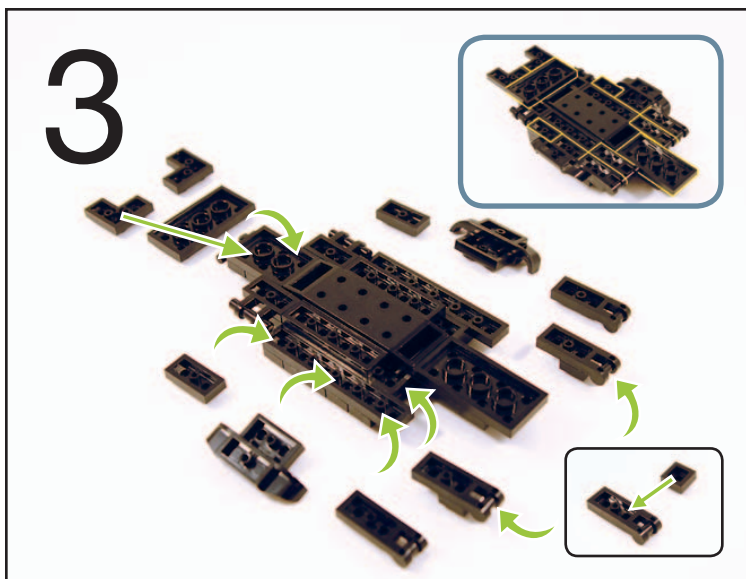






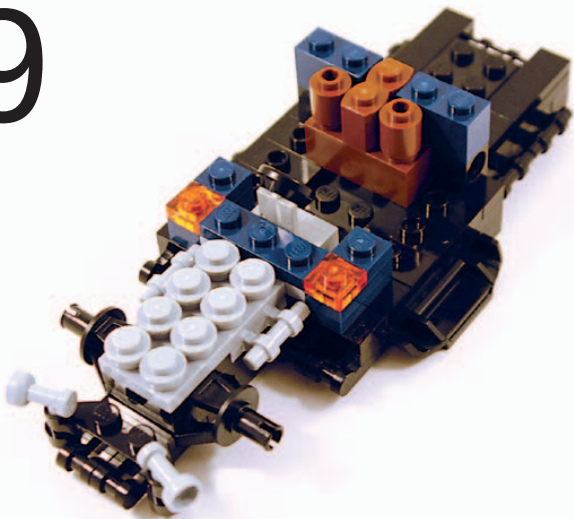




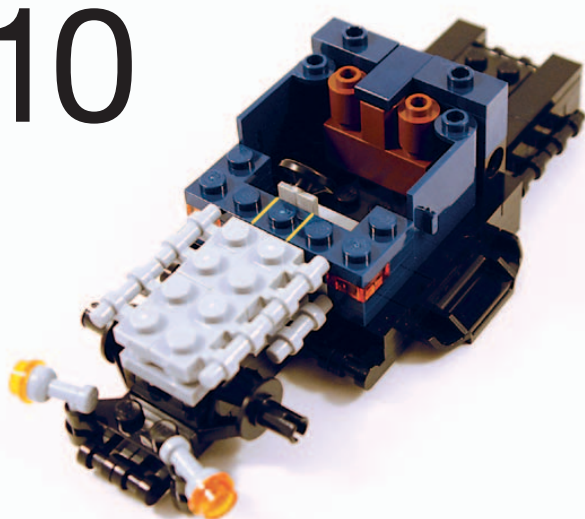




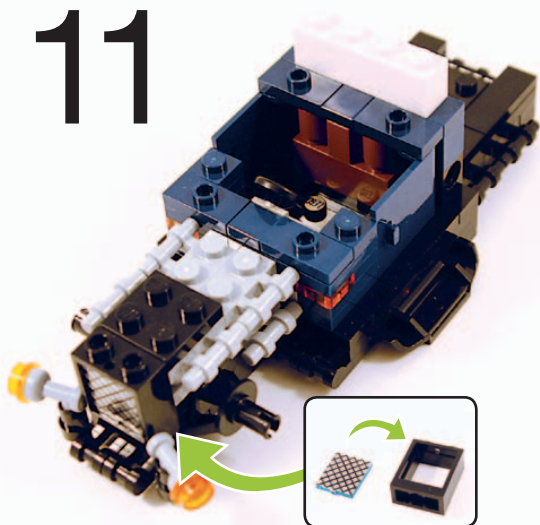
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# 10



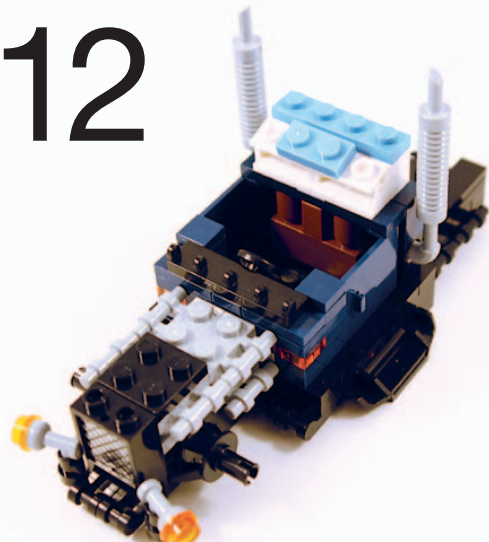
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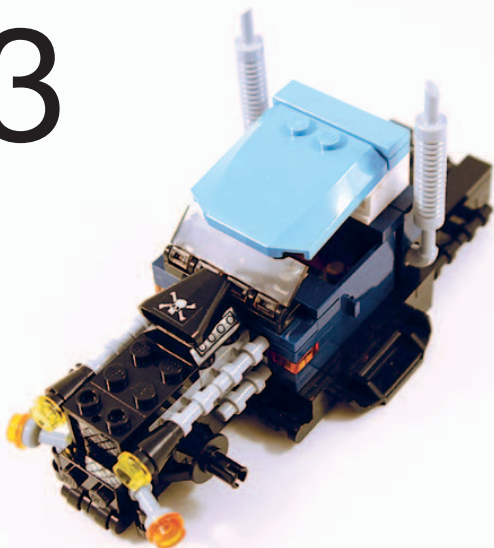
## Building Tip

Try combining stickers of different patterns and opacity for unusual and cool effects. Don't be afraid to experiment. This grille was made from a mirror sticker with a transparent mesh sticker on top, placed on a piece of window glass.

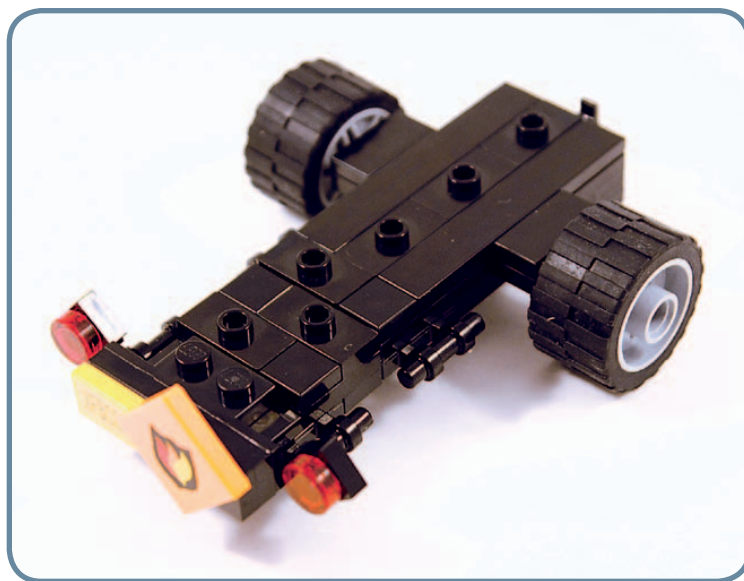
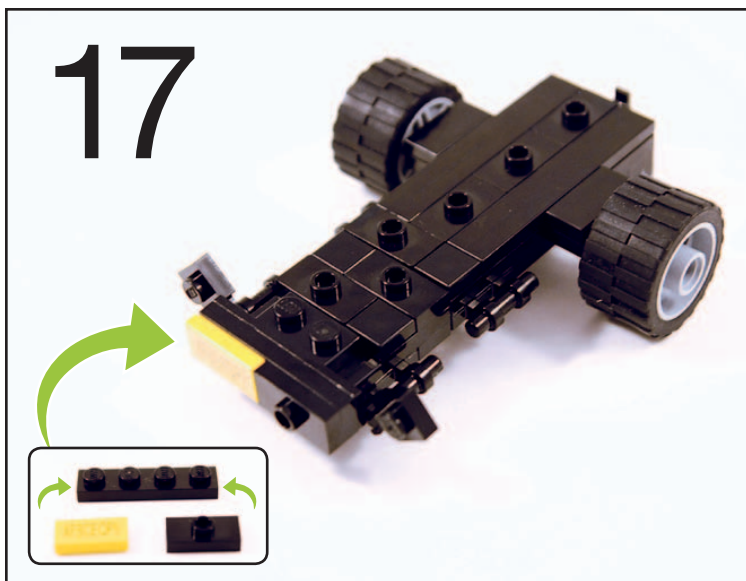
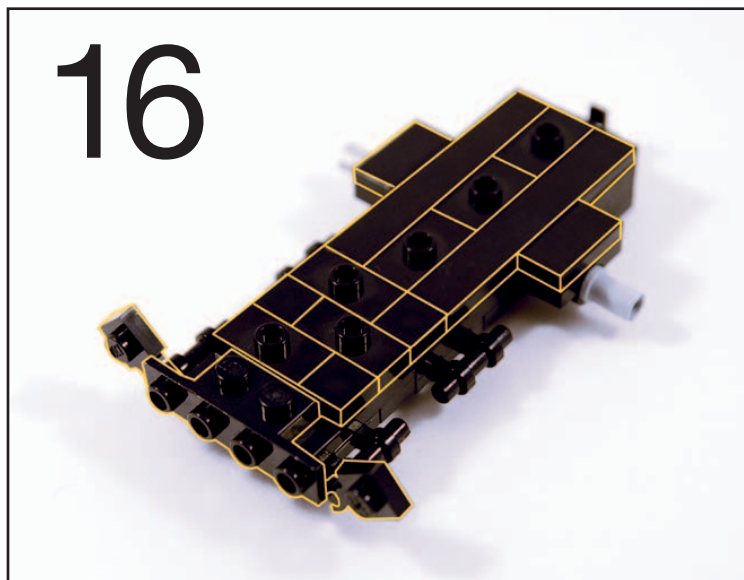
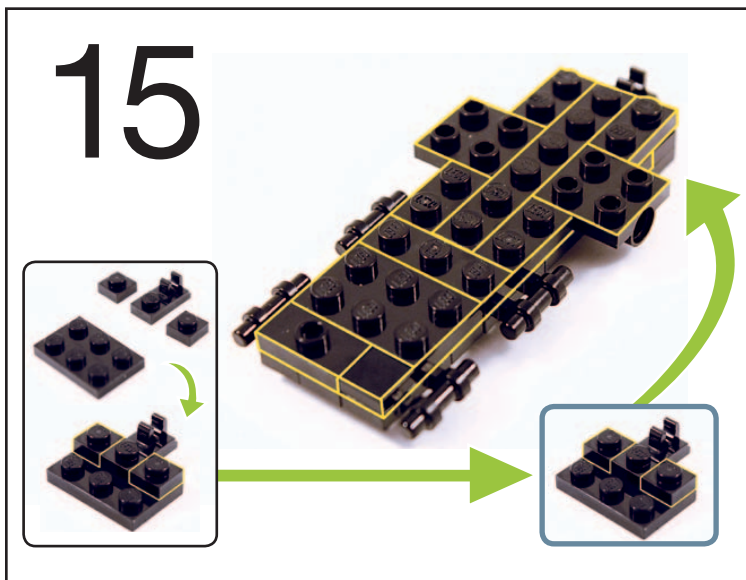
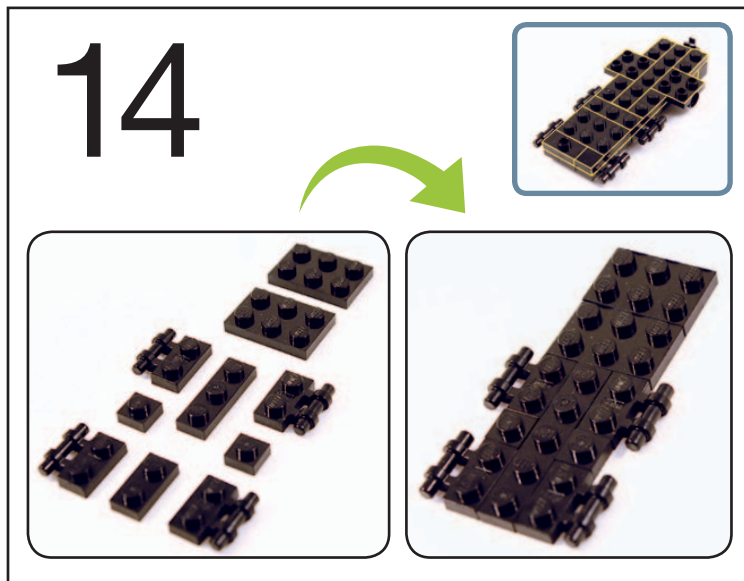
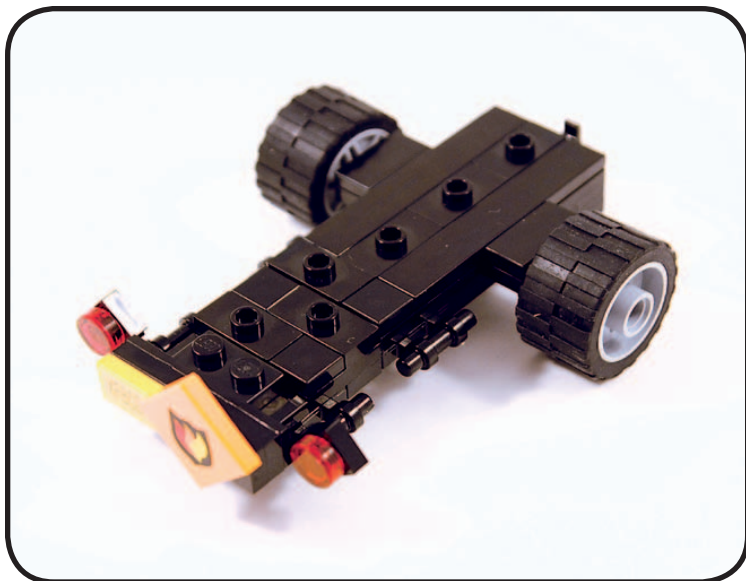
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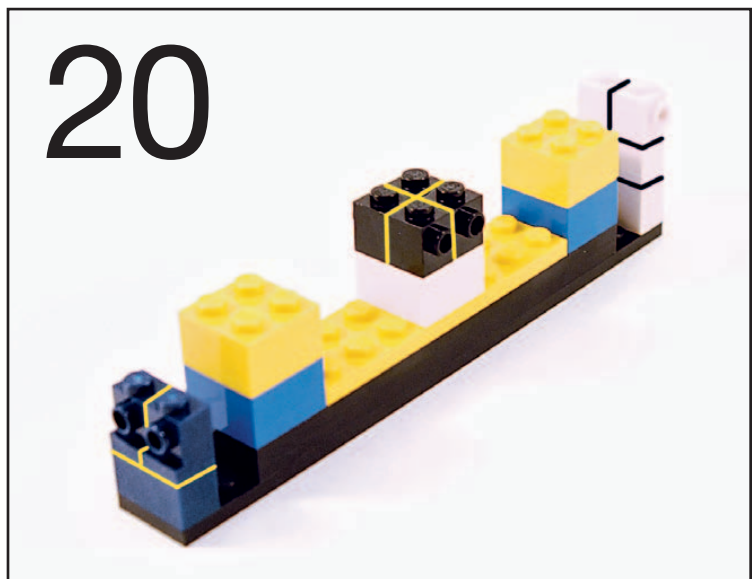
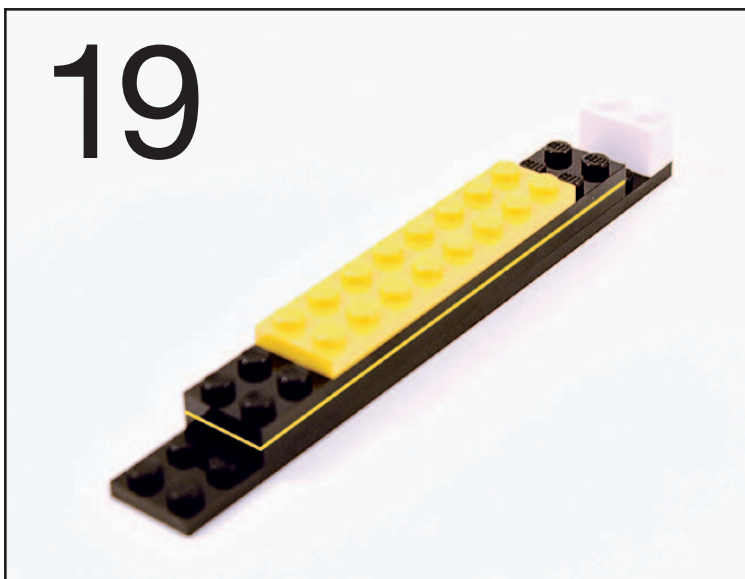
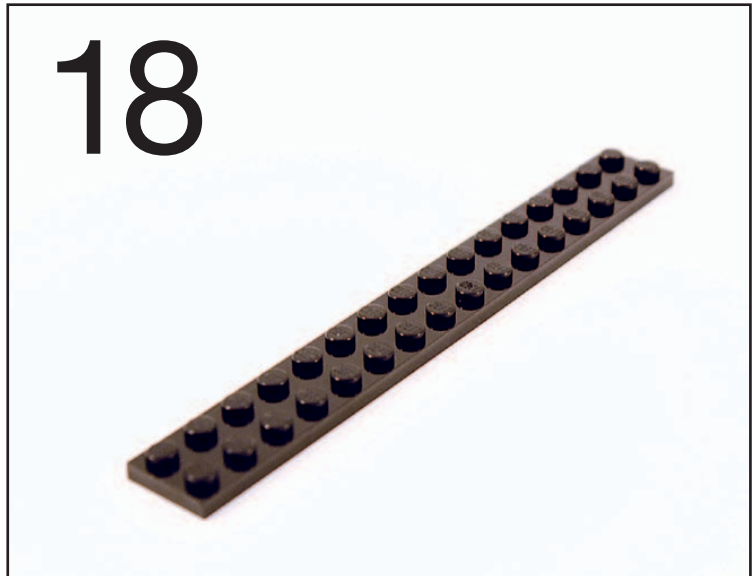
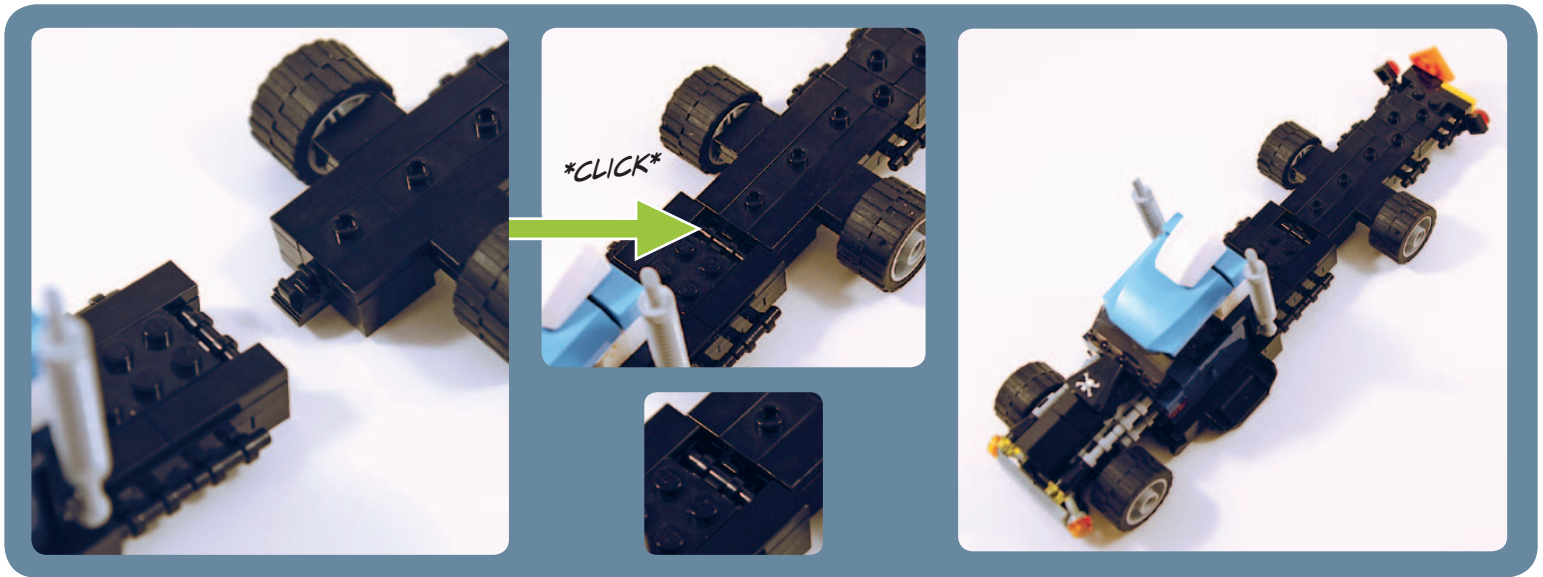
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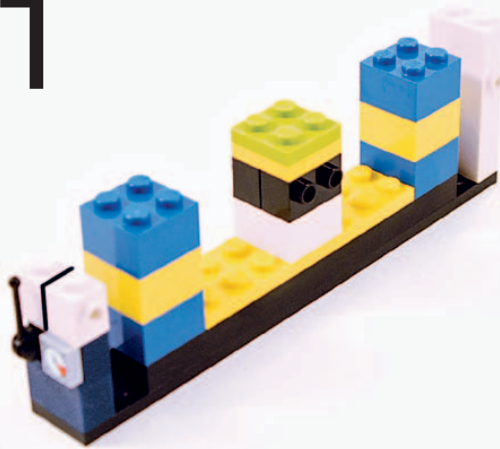




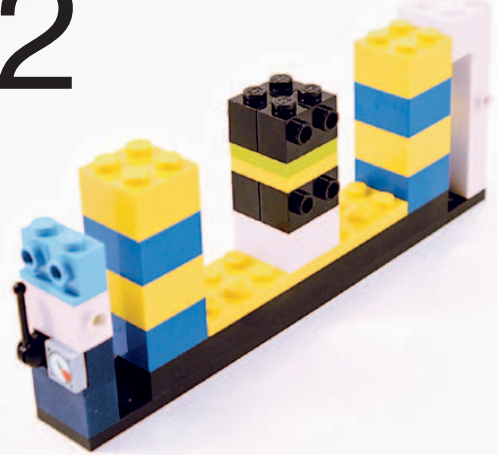




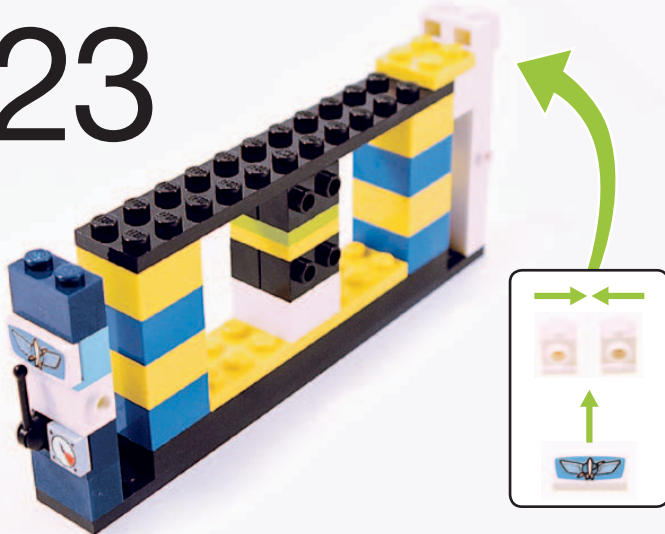
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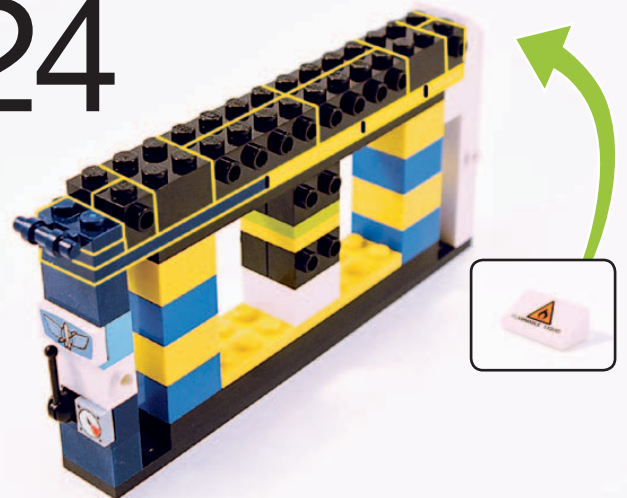
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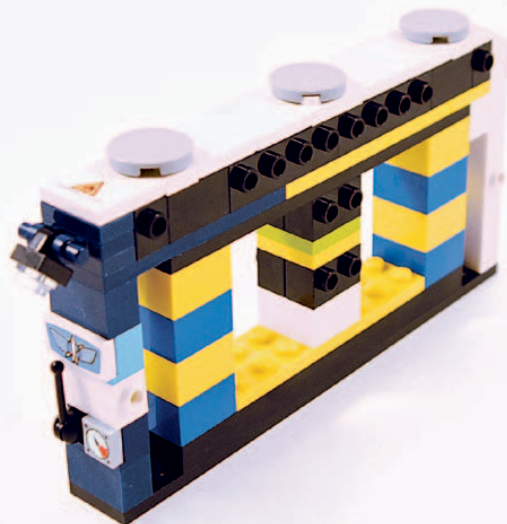
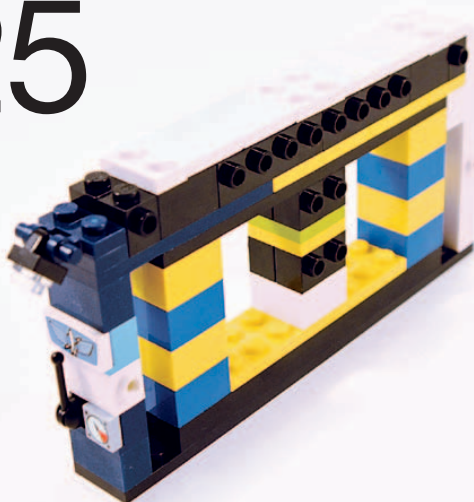
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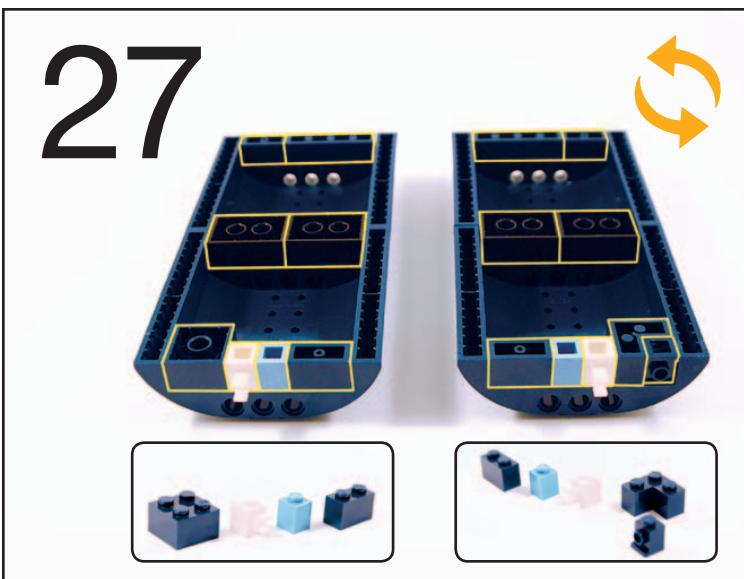
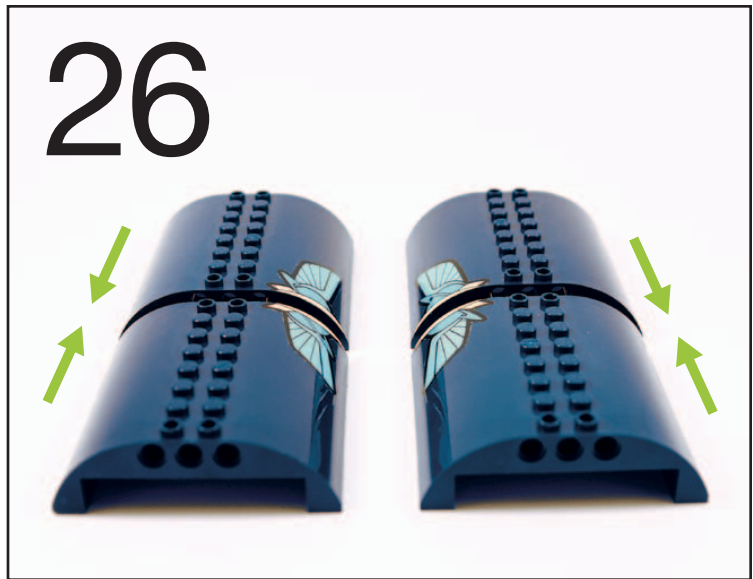
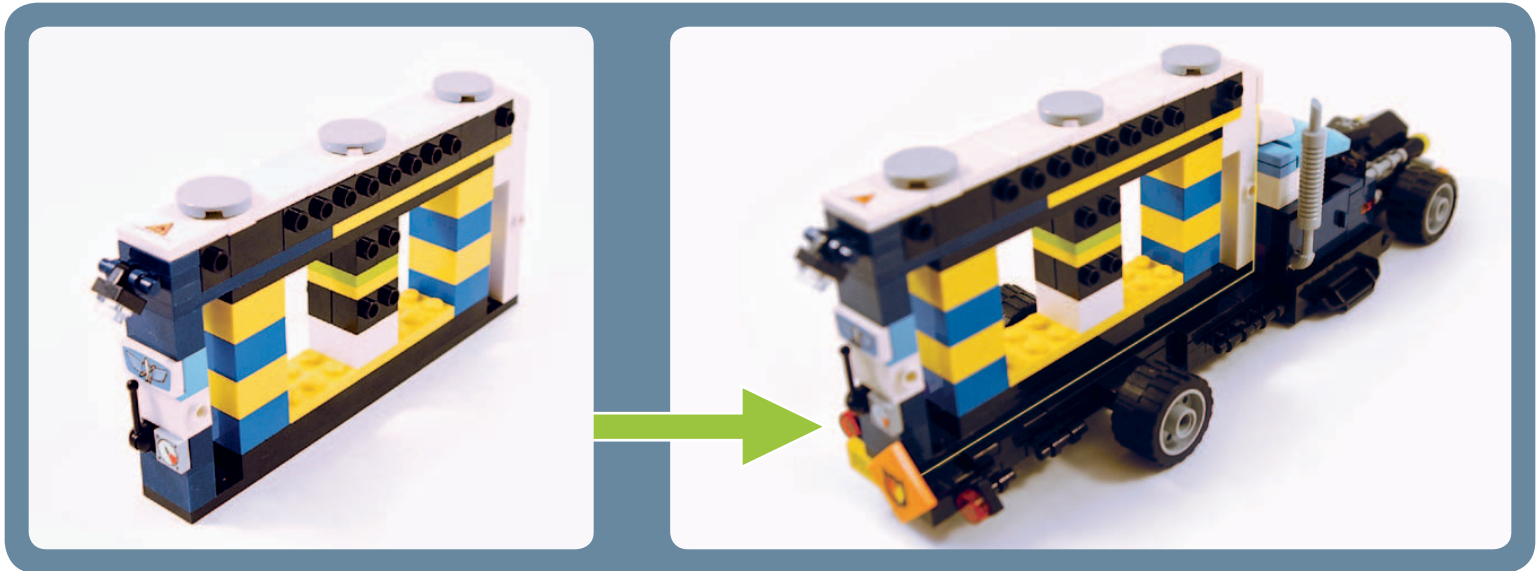
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25





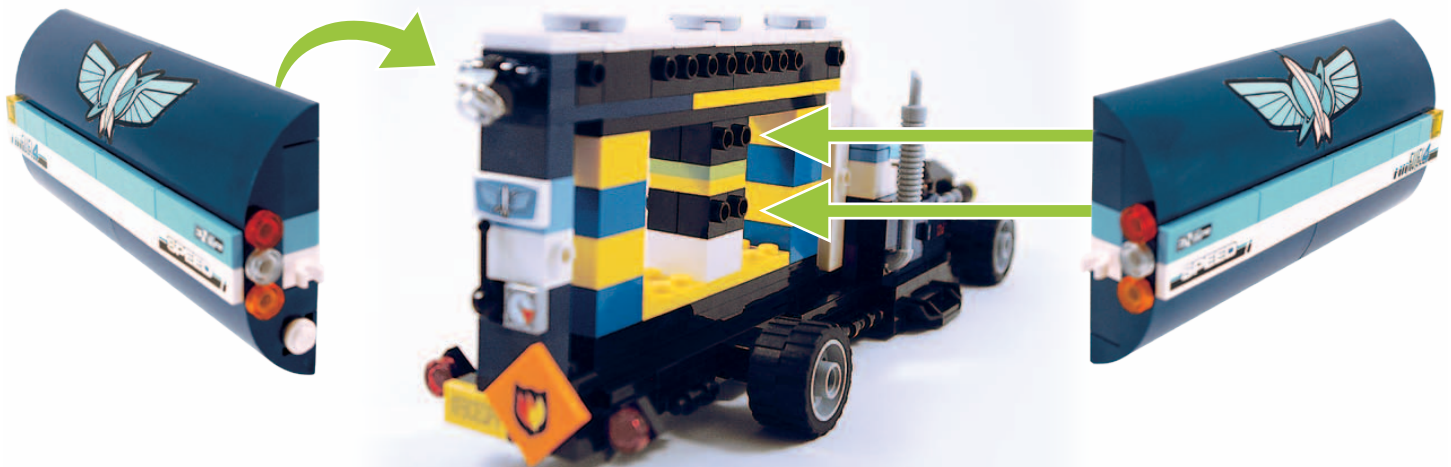




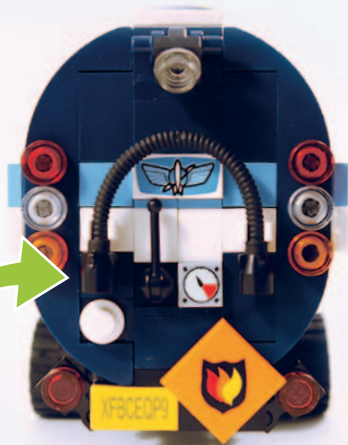


#### Building Tip

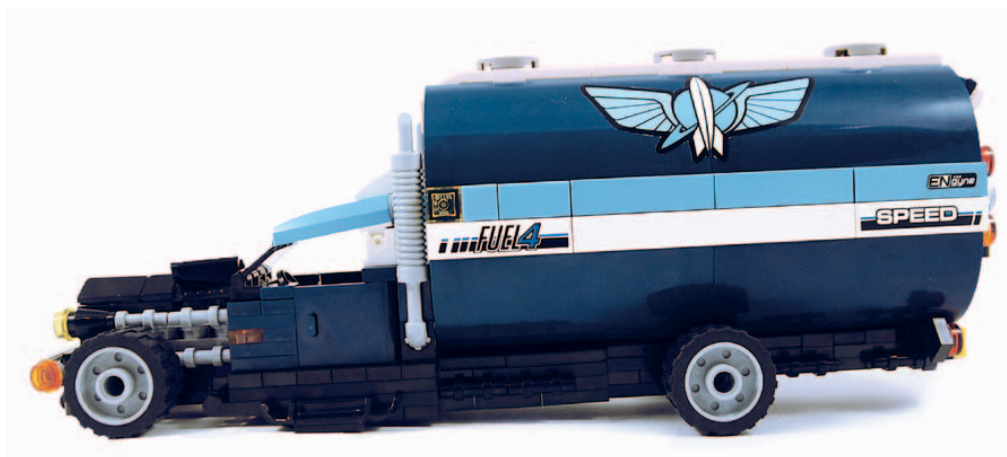
Some larger LEGO parts can be used in many ways, like these four curved elements taken from a LEGO plane set. Used sideways, they make a perfect tank for this rockin' gas truck.



29



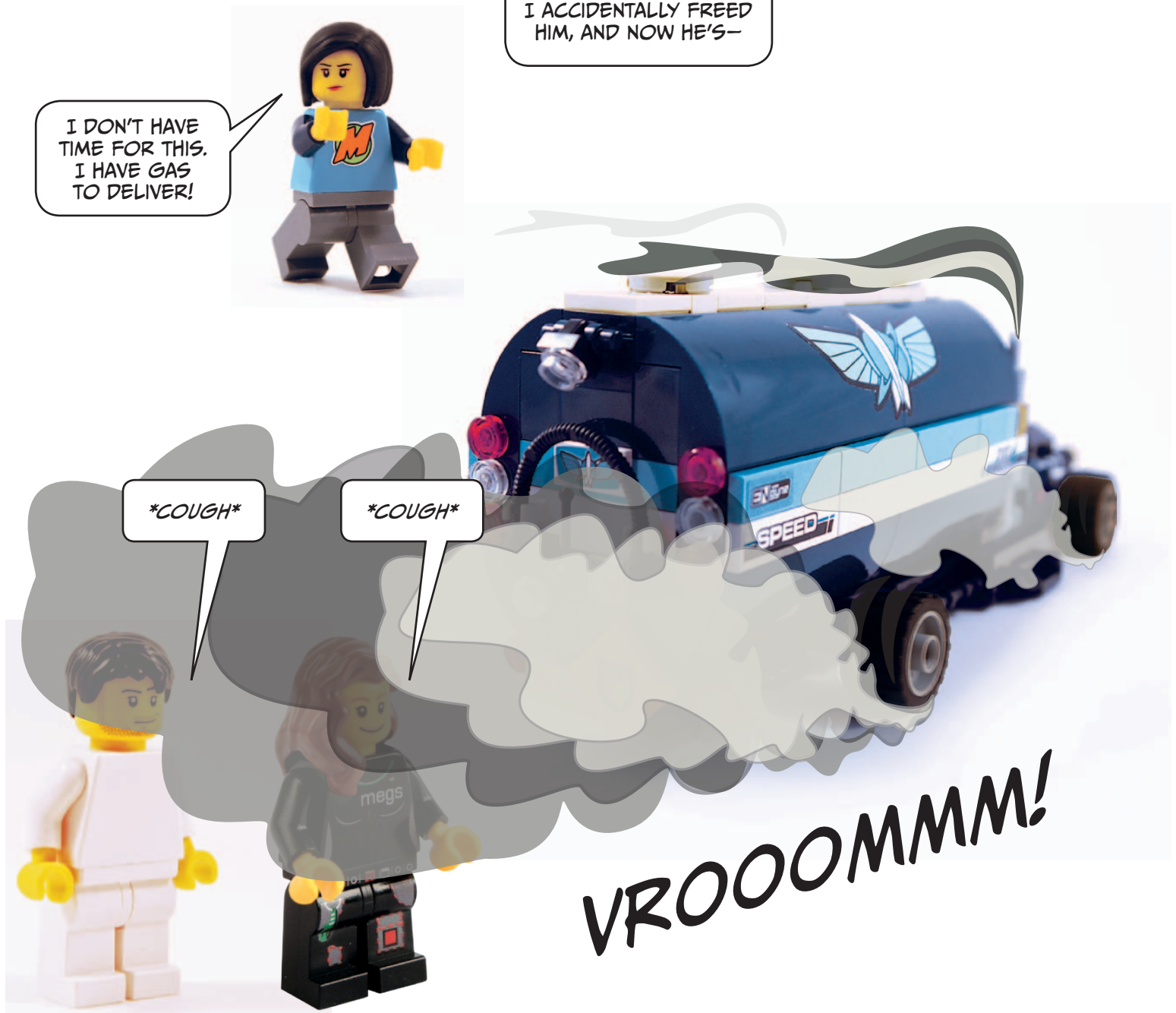
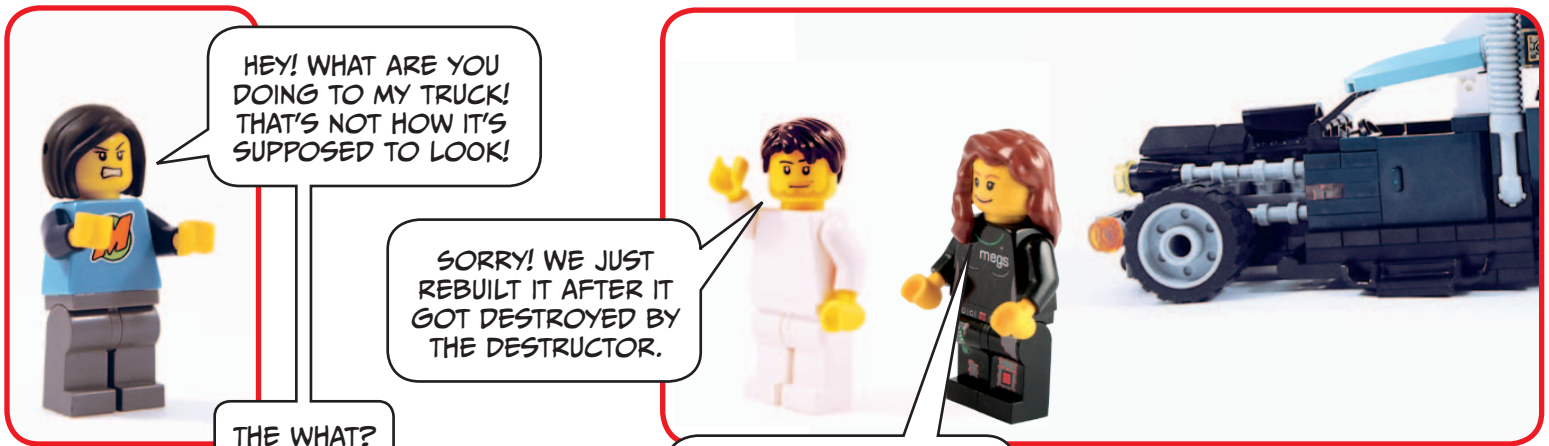




### ***BUILDING JOURNAL***

Are has built his tanker truck with a lot of iconic details that you would find in a real one: a long wheel base, a beefy body, smoke stacks, and a large fuel tank with a hazardous materials symbol on its rear bumper. He's combined these traditional elements with some details you'd find on a hot rod: a supercharged, exposed engine and a sleek nose. This cool idea gives the impression of speed. Maybe I should soup up my Idea Truck, too!









WELL, SO MUCH FOR  
BEING HELPFUL...



YEAH, I KNOW, RIGHT?

# AAARRRRGHHH!!!

WHAT ON EARTH  
WAS THAT?



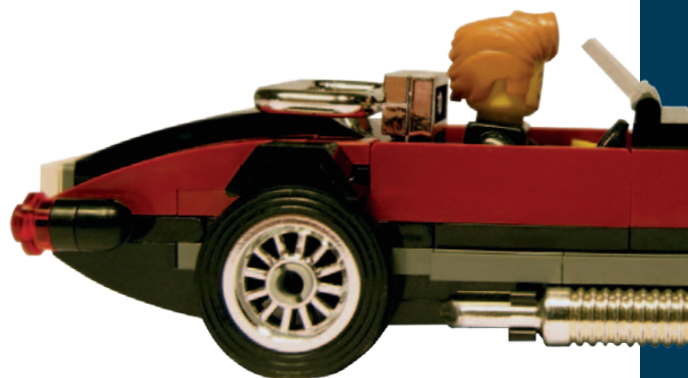
I DON'T KNOW, BUT I SUSPECT  
THE DESTRUCTOR HAD SOMETHING  
TO DO WITH IT. WELL, EVERYTHING  
SEEMS TO BE FINE HERE NOW, SO  
I'M GOING TO GO CHECK IT OUT!



GOOD LUCK, MEGS, AND  
BE CAREFUL! MAYBE YOU  
COULD HITCH A RIDE WITH  
THAT GUY. HE SEEMS TO BE  
HEADED THAT WAY, TOO.



I WILL! THANKS FOR  
THE TOUR, ARE.  
SEE YOU AROUND!





HMM, THIS MUST BE  
WHERE THAT NOISE  
CAME FROM!

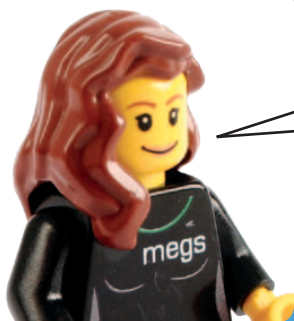
OH HALLO!  
HOE GAAT HET?

AH...HELLO?  
I'M MEGS.

OH, SORRY! THAT'S HOW WE  
GREET EACH OTHER HERE.  
HELLO, HOW'S IT GOING,  
MEGS? I'M ARJAN!

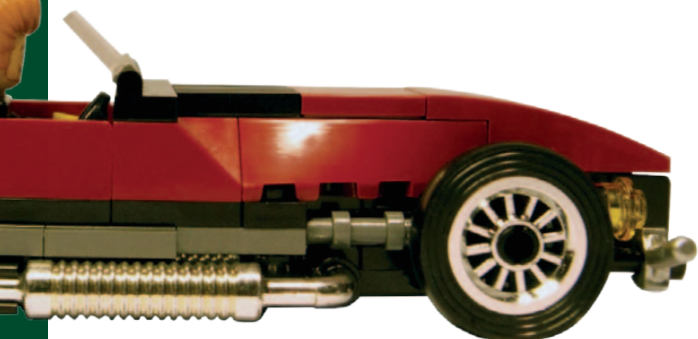
WELL, I THINK  
IT'S GOING  
BETTER FOR  
ME THAN YOU  
RIGHT NOW...

YEAH, MY SHIP  
HAS SEEN BETTER  
DAYS...A MYSTERIOUS  
FORCE JUST RIPPED  
THROUGH HERE, AND  
NOW MY LOVELY FERRY  
IS AFGEBOKEN, ER,  
BROKEN APART!



THE DESTRUCTOR  
HAS STRUCK  
AGAIN! BUT I CAN  
HELP YOU FIX IT!

OH, THAT WOULD BE  
GREAT OF YOU! LET'S  
SORT OUT ALL THESE  
BRICKS AND THEN REBUILD  
MY FERRY. IT REQUIRES A  
LOT OF LEGO BRICKS.





# A Ferry Nice Build



# Arjan Oude Kotte

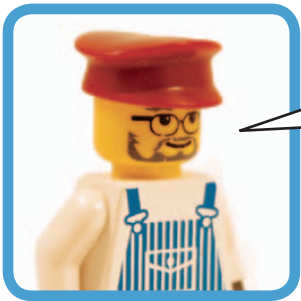
**Nickname:** Konajra

## Profession: Bicycle Mechanic

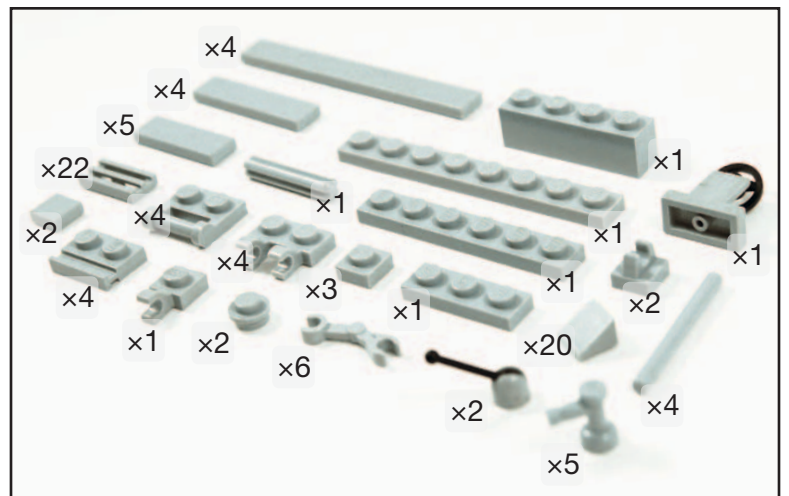
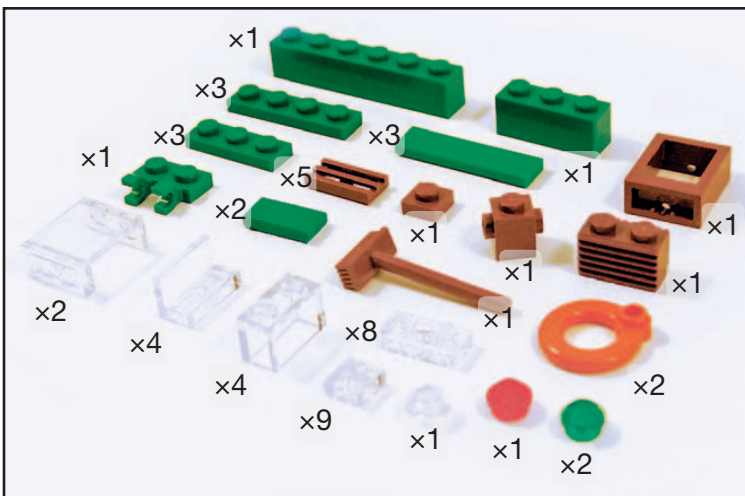
**Nationality:** Dutch

**Websites:** [www.konajra.com/](http://www.konajra.com/)  
[www.flickr.com/photos/konajra/sets/](http://www.flickr.com/photos/konajra/sets/)

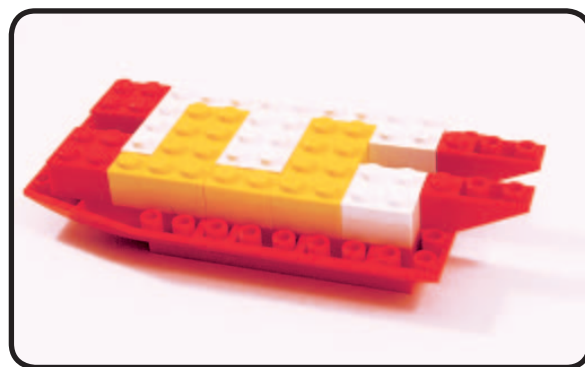
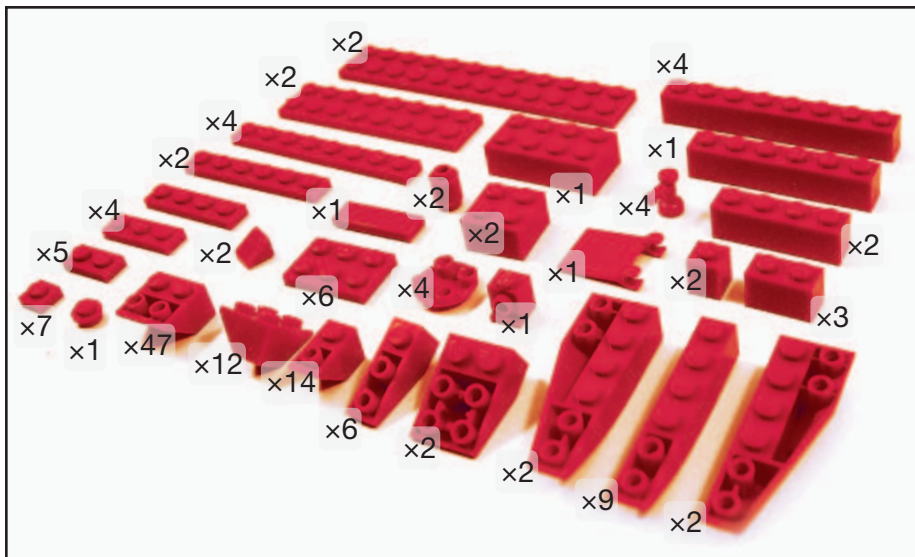
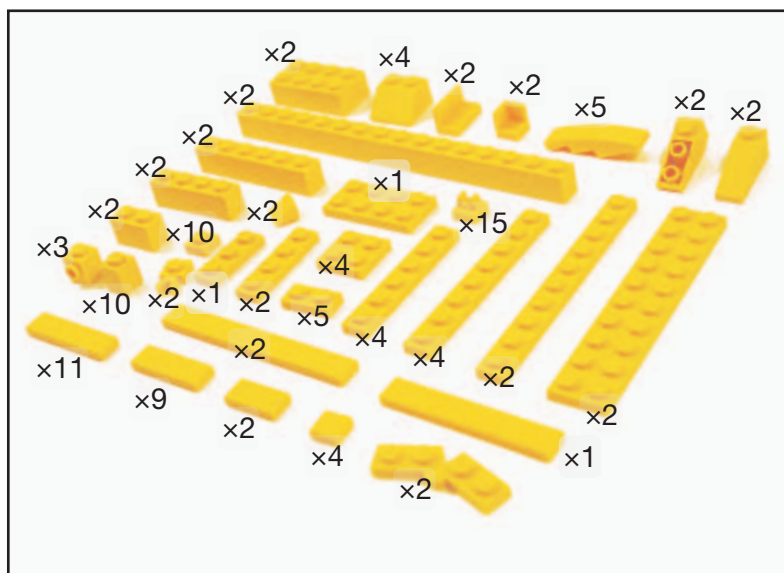
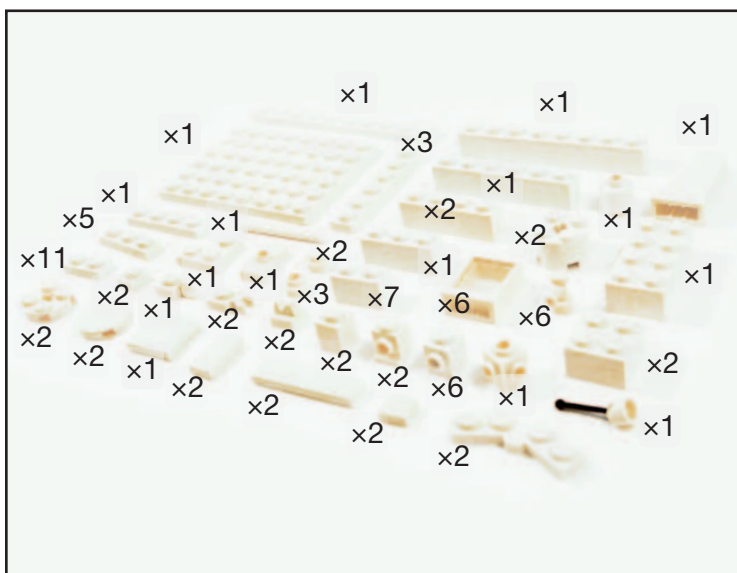
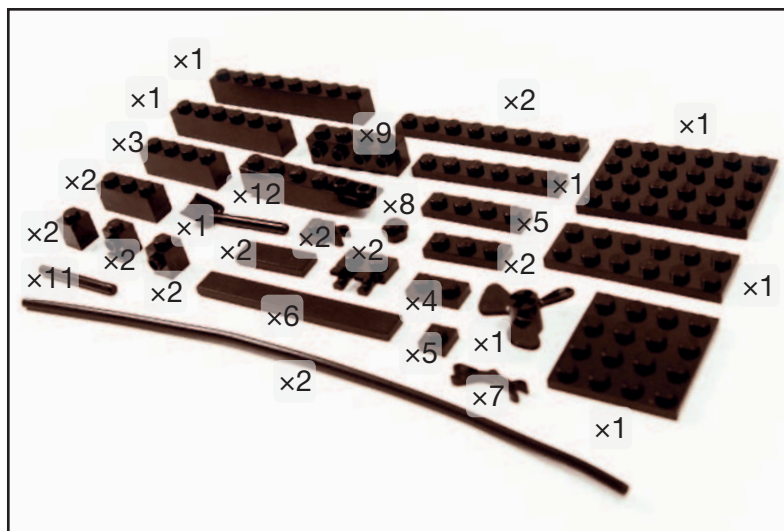
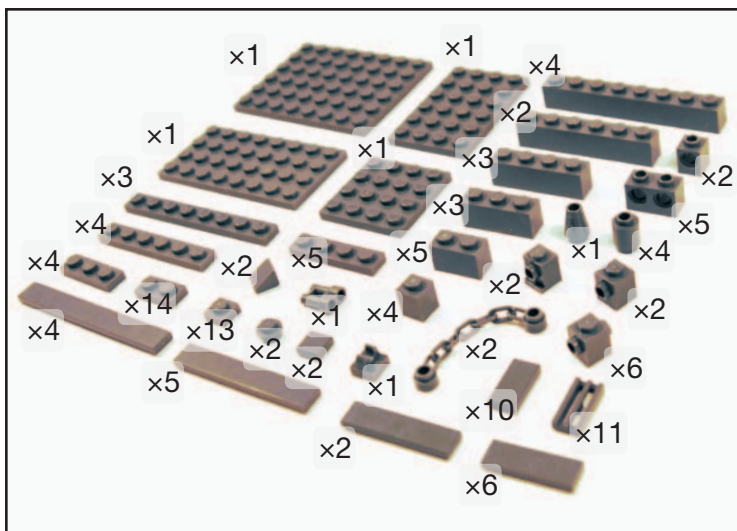
# Car Ferry



IF YOU WISH TO BUILD MY FERRY, YOU'LL NEED TO PUT ON YOUR ENGINEER'S THINKING CAP. I WOULD RECOMMEND THIS MODEL FOR AN INTERMEDIATE BUILDER. GOOD LUCK!

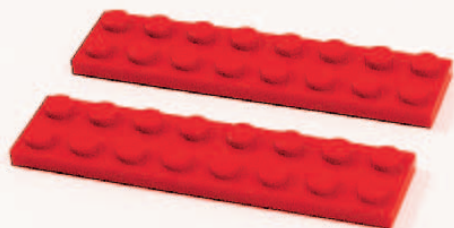




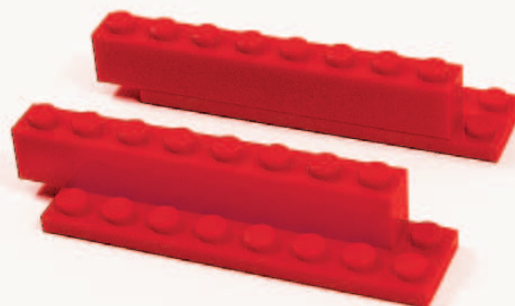




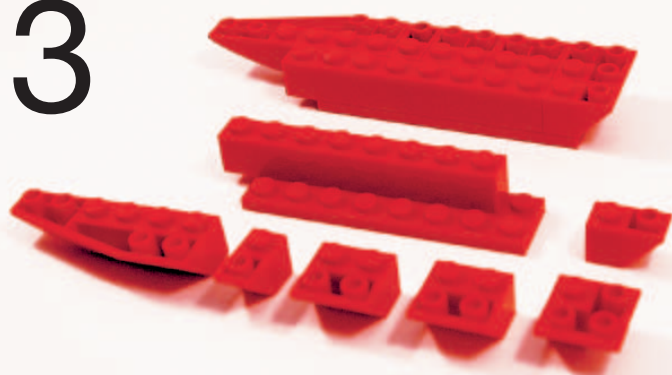
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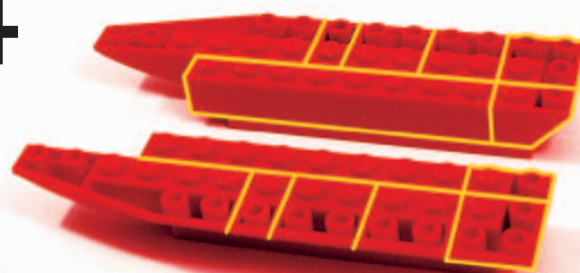
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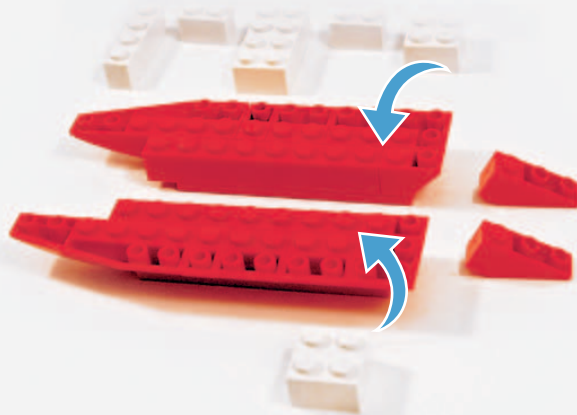
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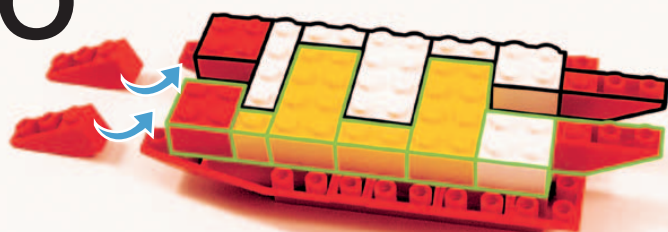
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5



6

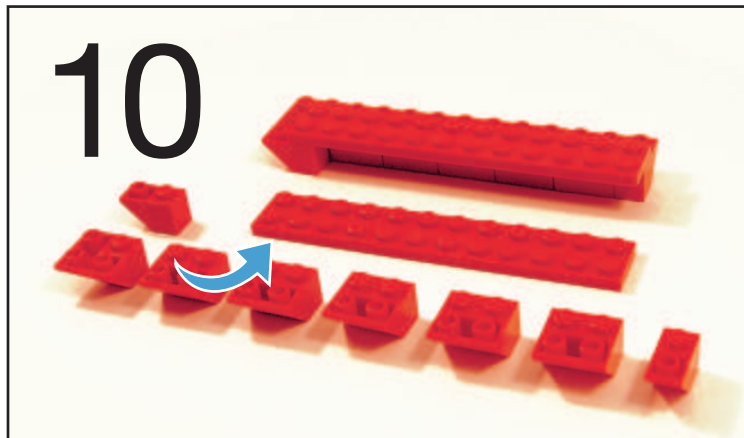
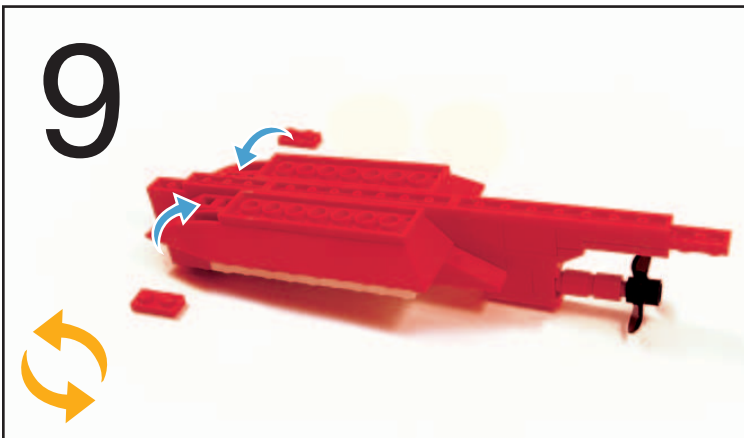
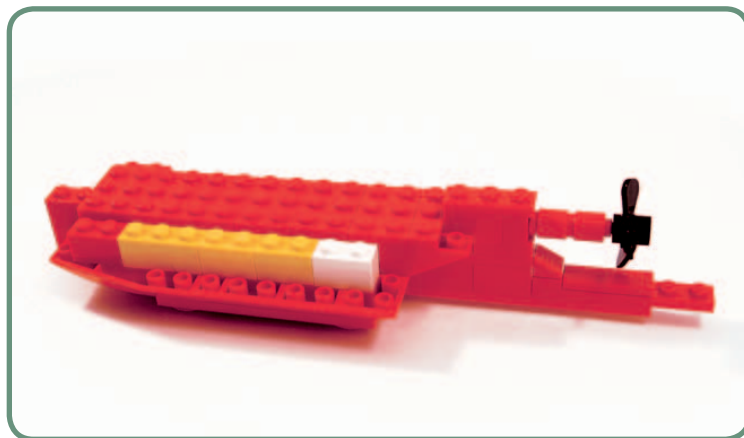
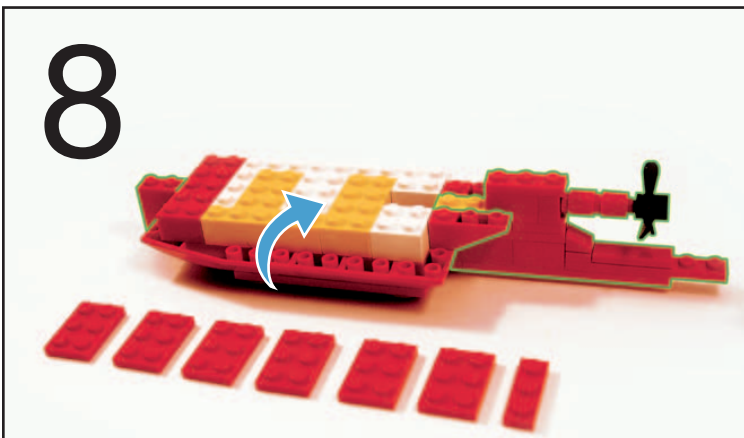
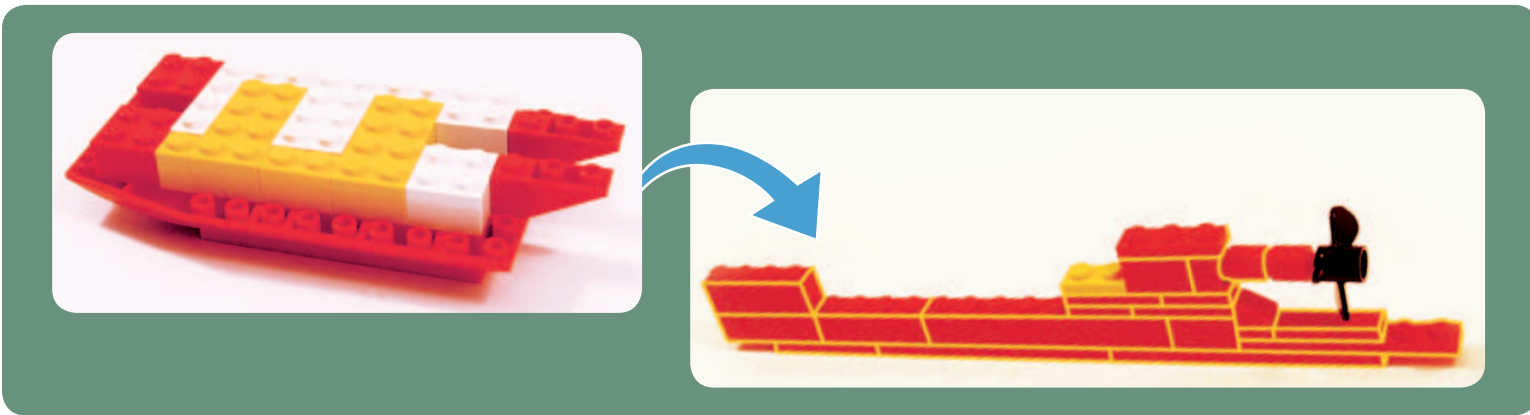
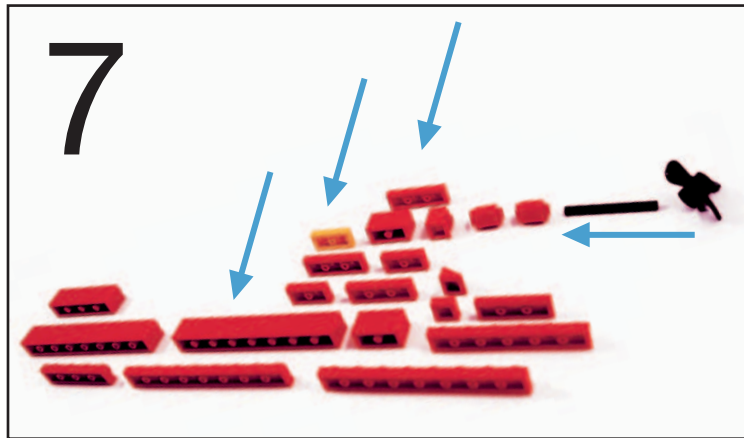
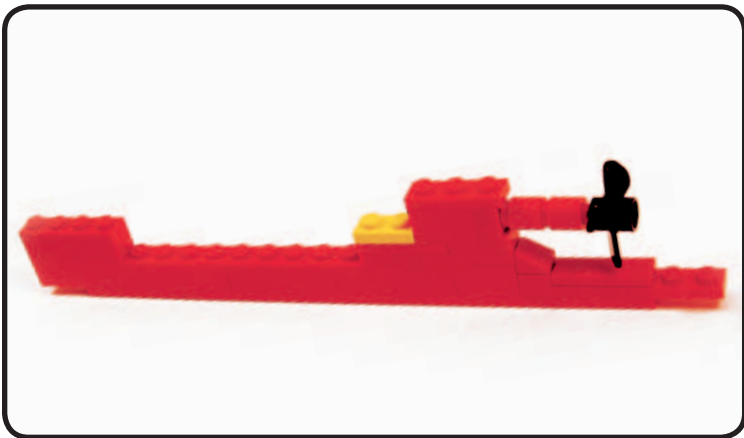


#### Building Tip

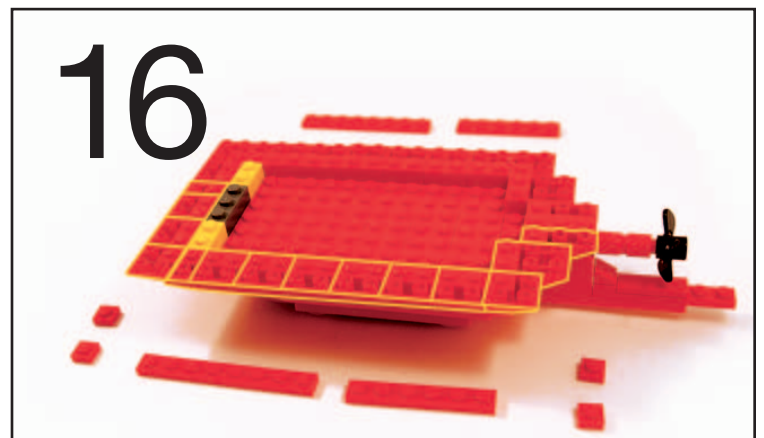
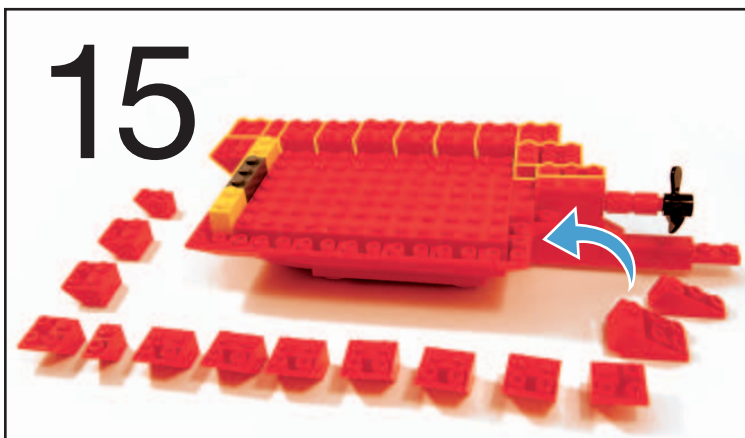
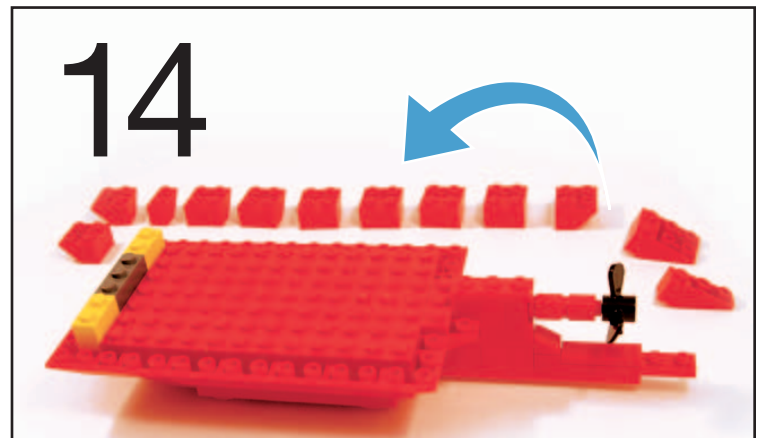
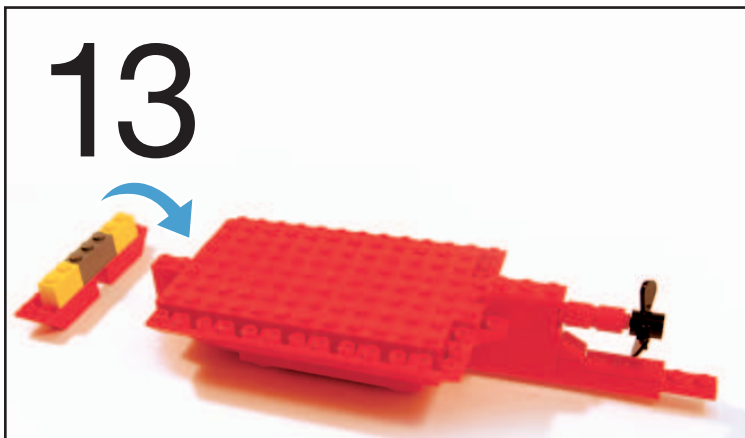
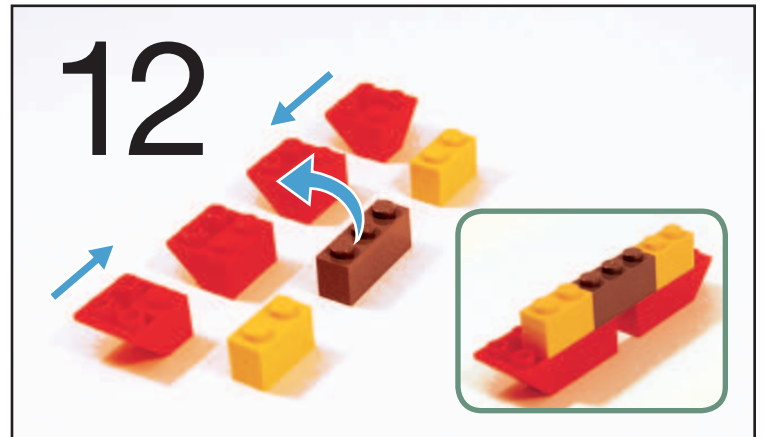
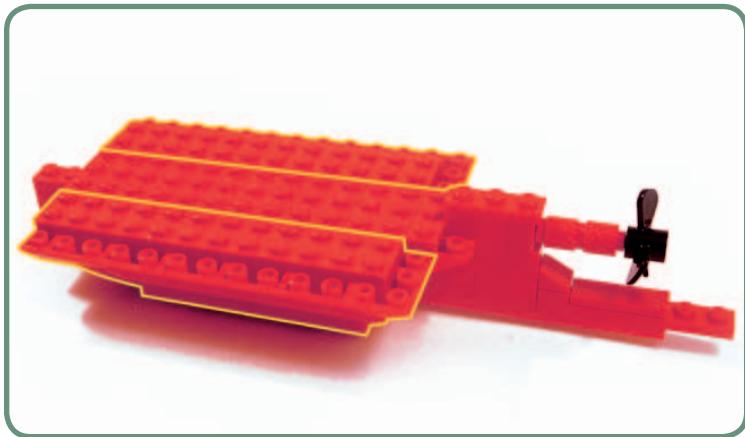
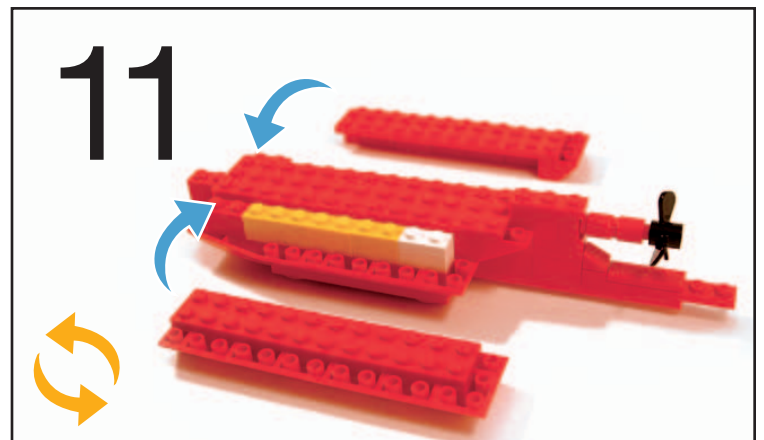
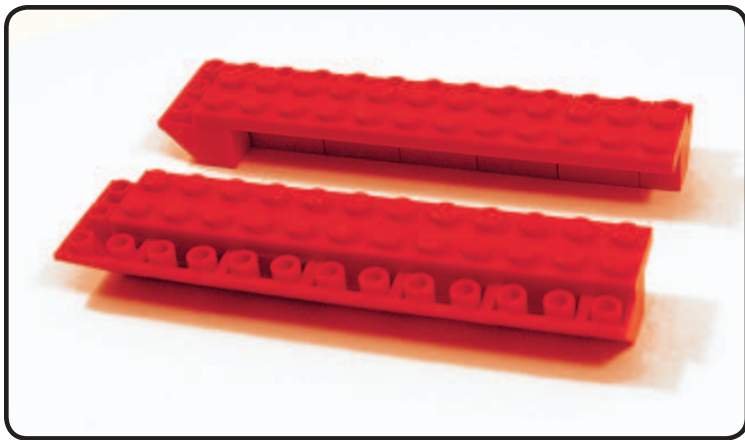
Alternating slopes by one stud on each layer helps to lock the layer below. This increases stability and makes for a better build. This technique works for both inverse slopes like these and for regular slopes such as that of a roof top.





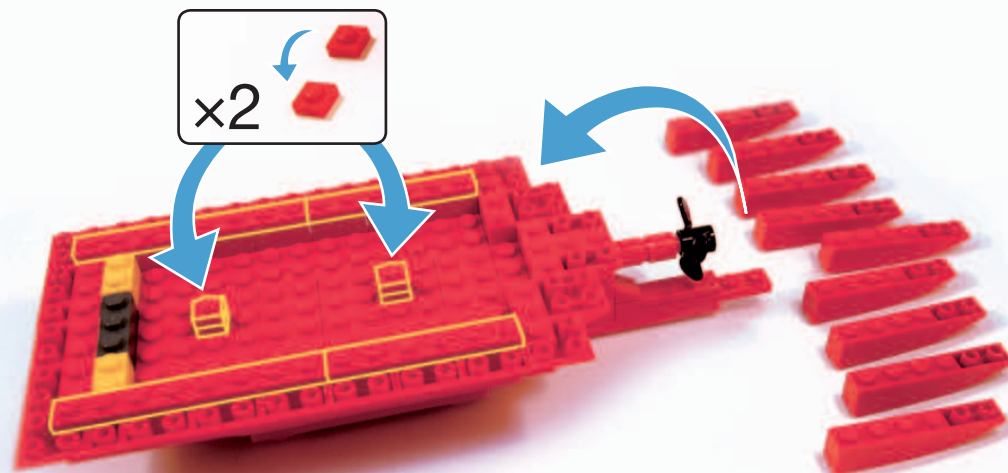




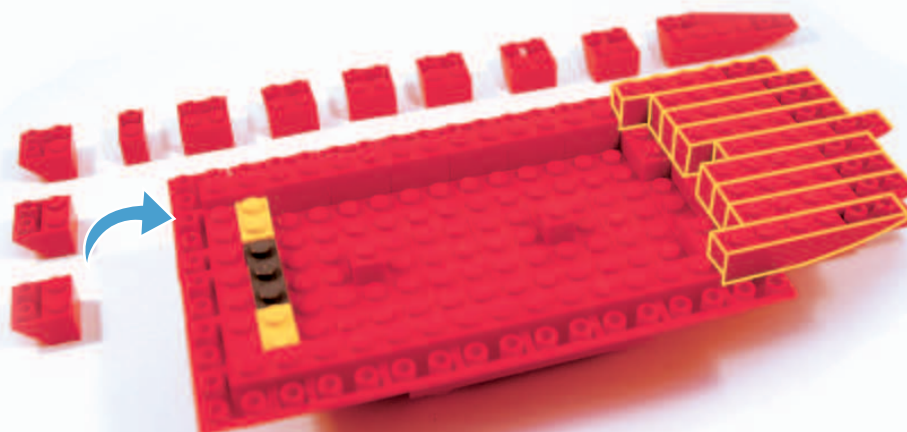




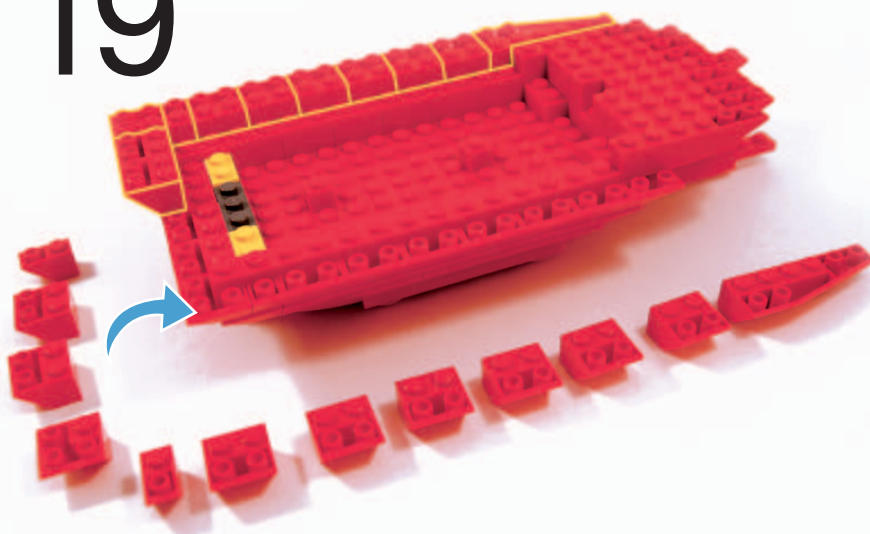
# 17



# 18



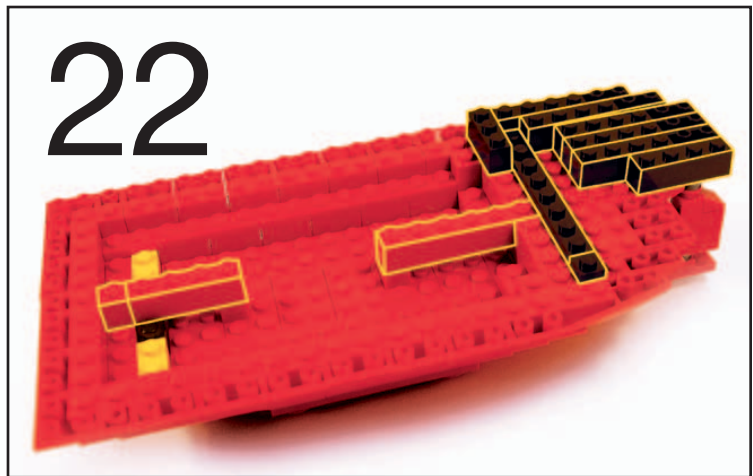
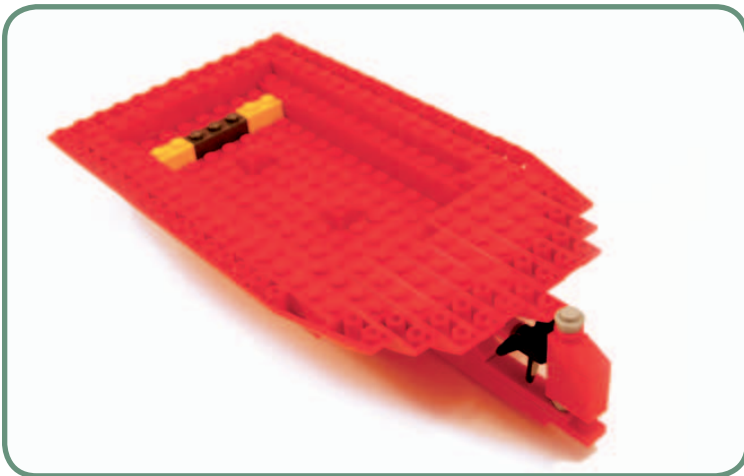
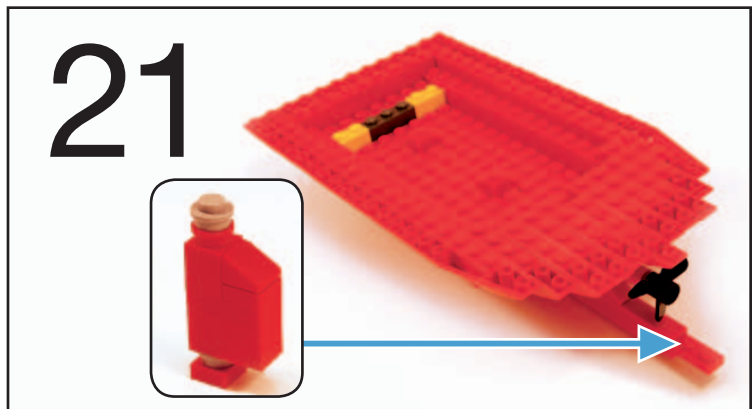
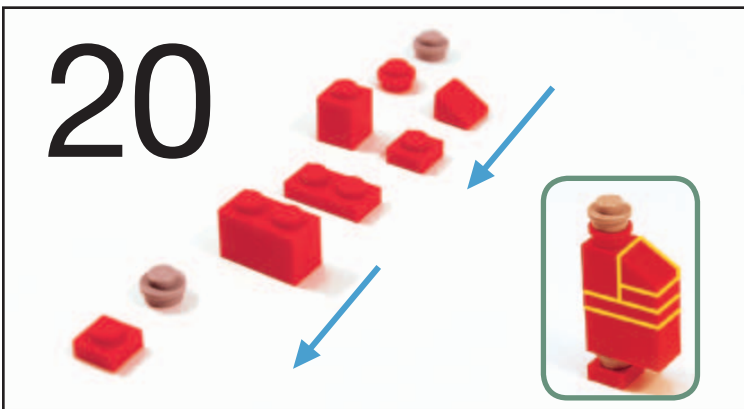
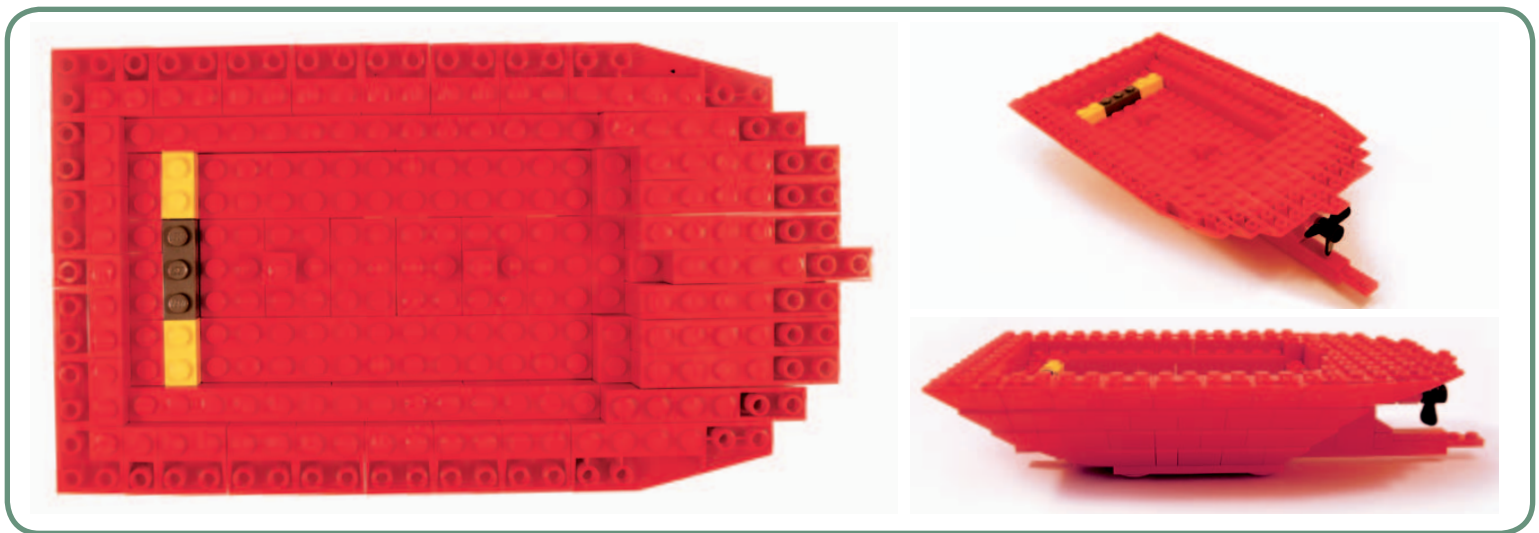
# 19



## ***BUILDING JOURNAL***

Arjan and I talked a lot as we rebuilt his ferry. He told me he likes to put lots of details into every model at the beginning of the build. That way, he can tell if it will turn out the way he wants. Most of his LEGO models are quite large, but they are all minifigure scale and have a lot of functions that are found on a real vessel. I think his models are incredible!

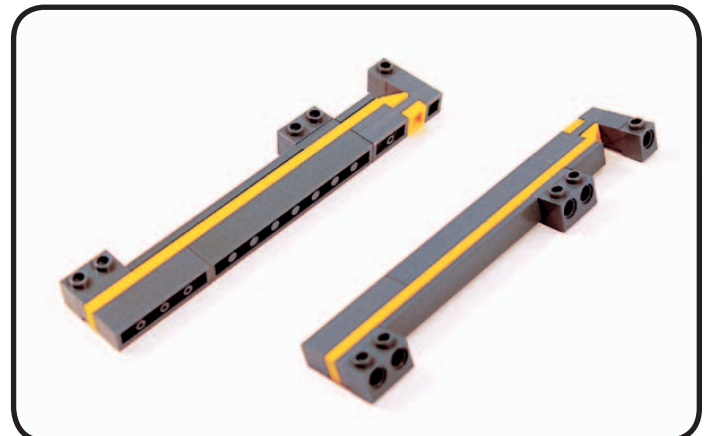
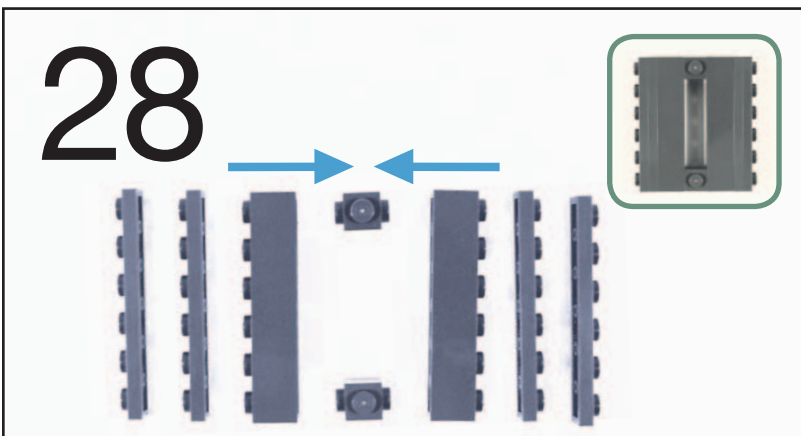
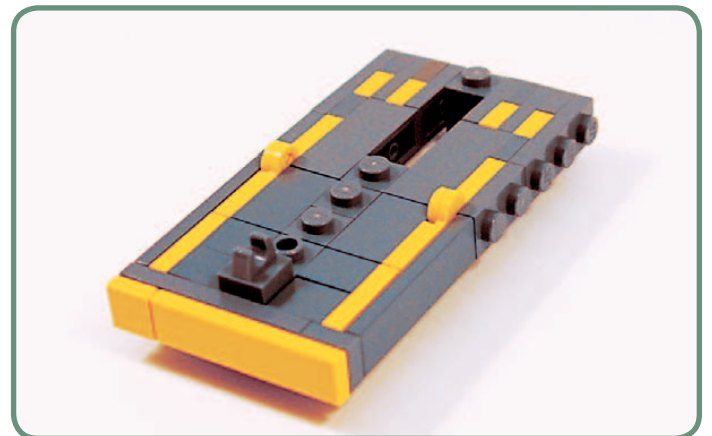
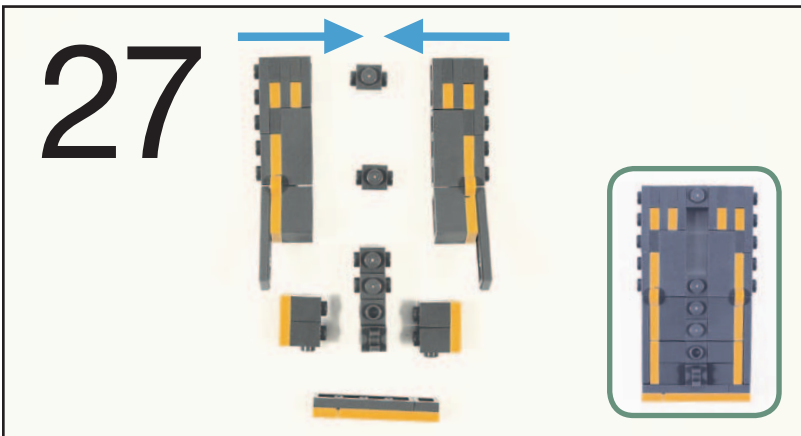
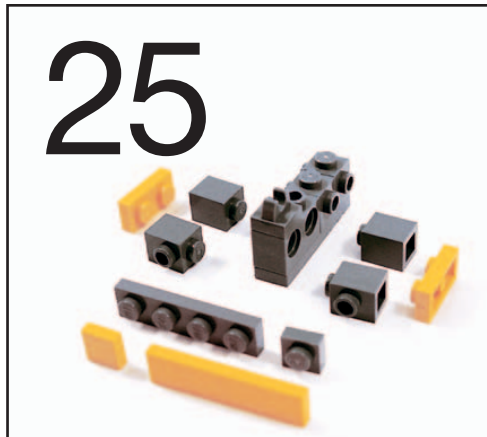
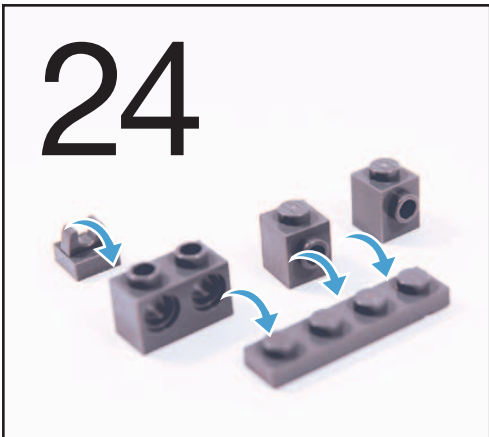
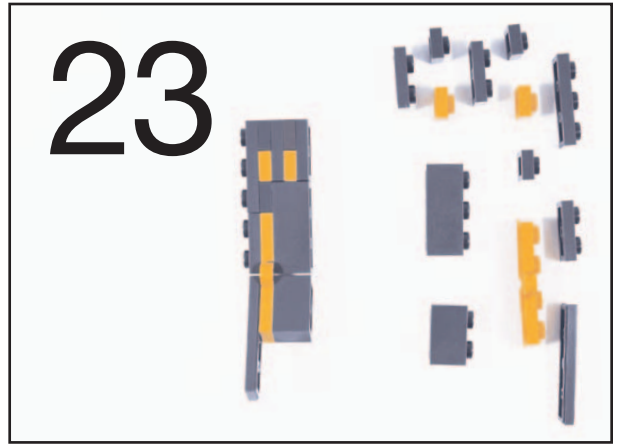
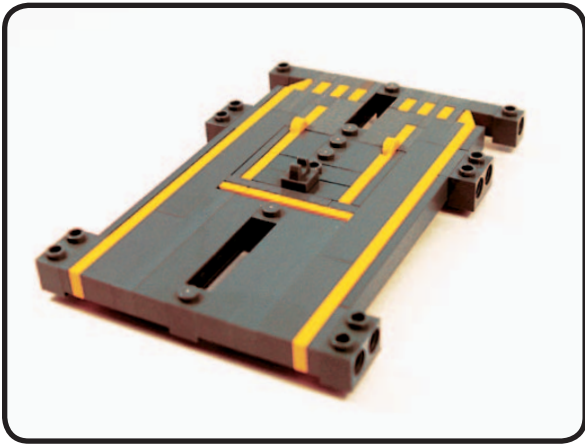




### ***BUILDING JOURNAL***

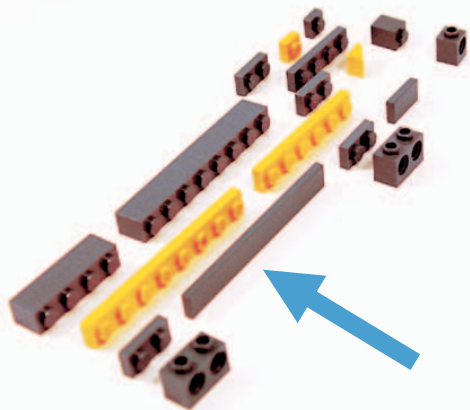
Arjan is partial to industrial machines, like ships used for fishing or transportation, that will get dirty, beaten up, and rusty. He often builds replica models, using references images from the Internet. When he finds something he wants to build, he looks for detailed plans or technical drawings so he can re-create it at a 1:40 scale.



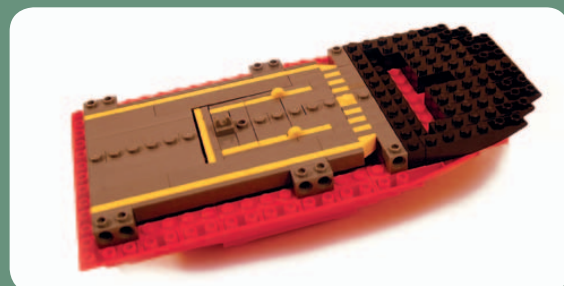
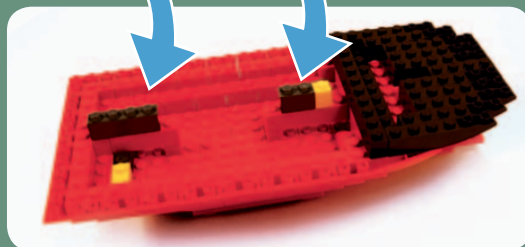
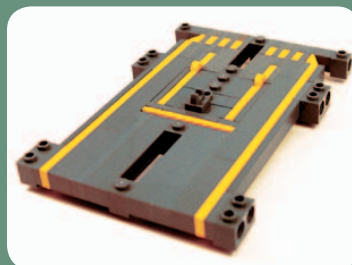
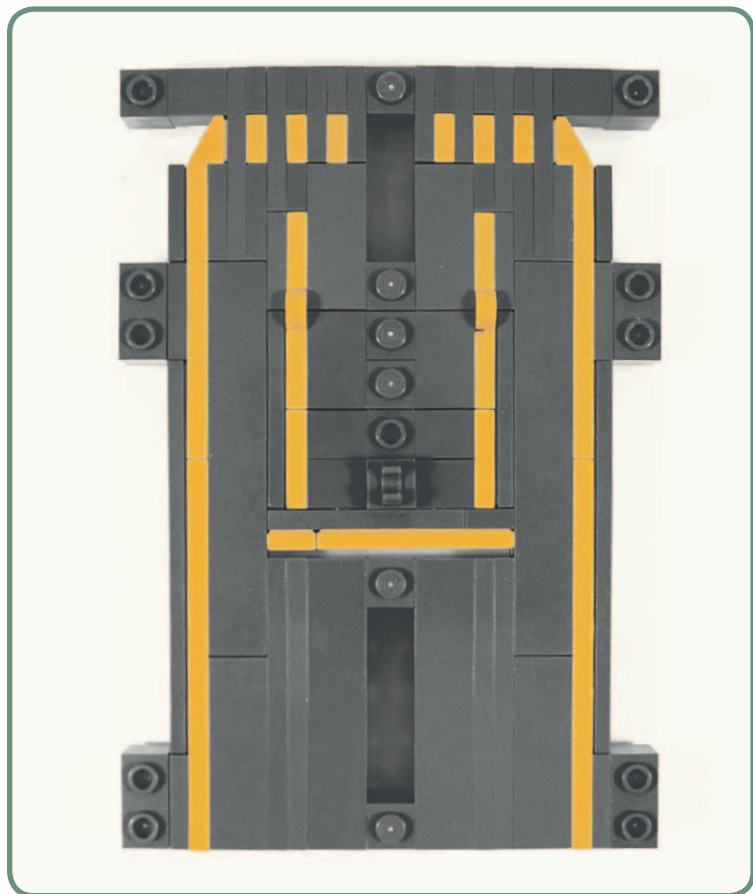
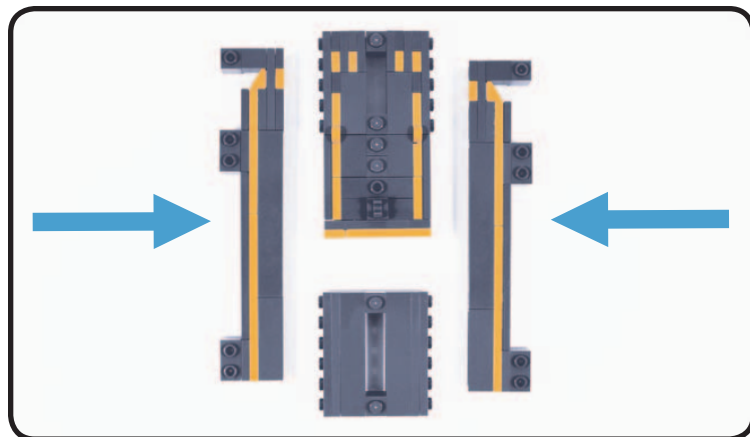
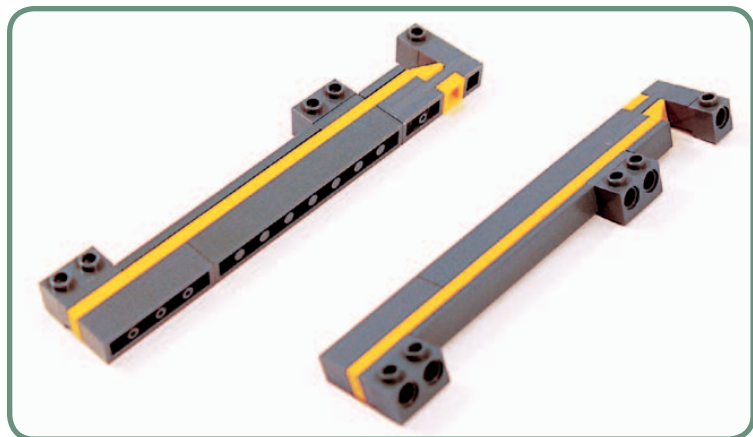
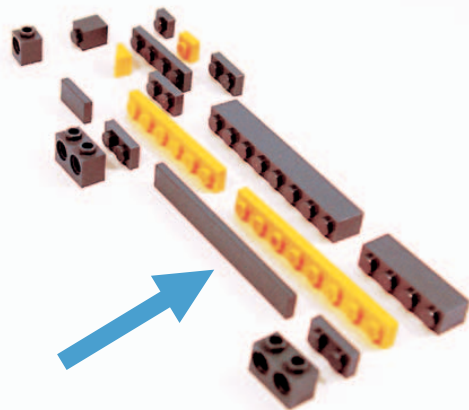
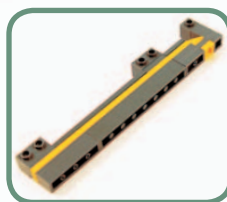




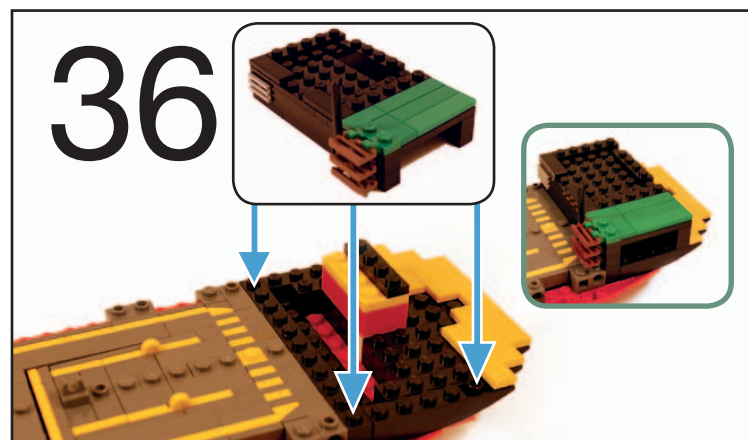
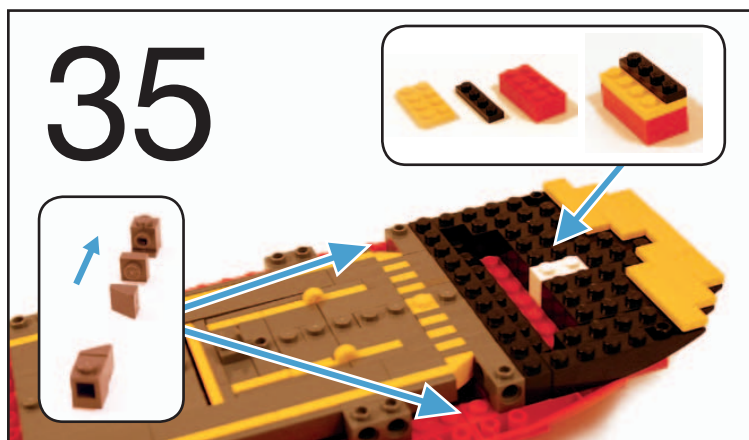
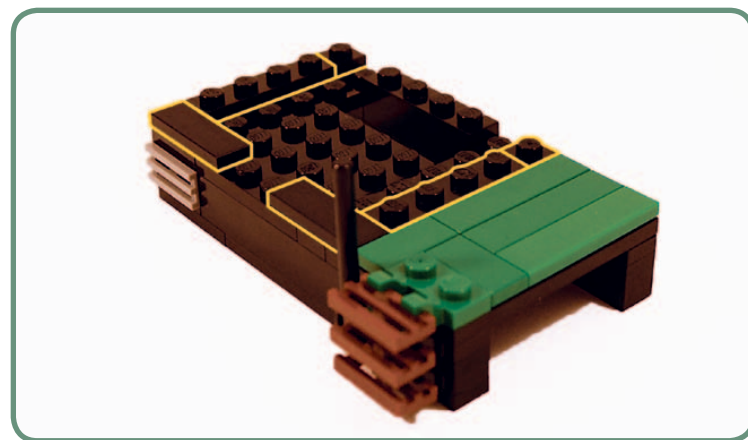
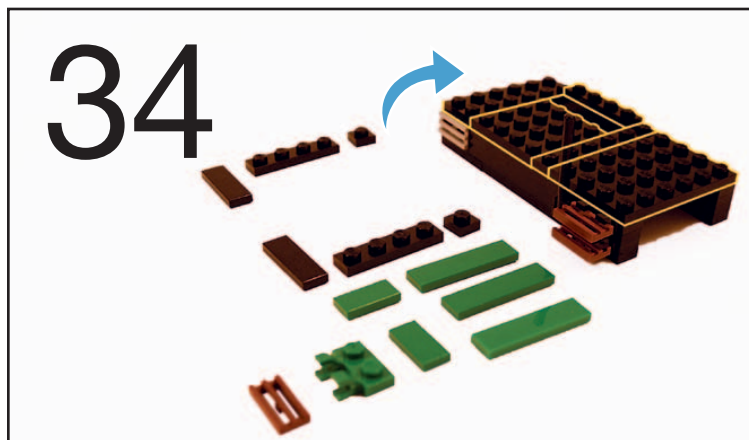
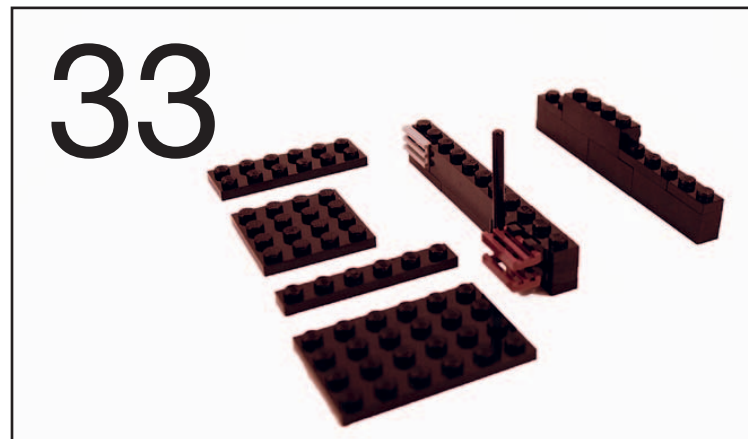
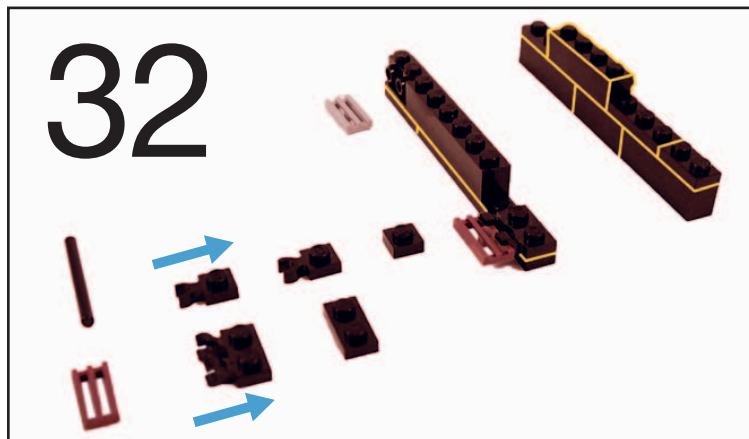
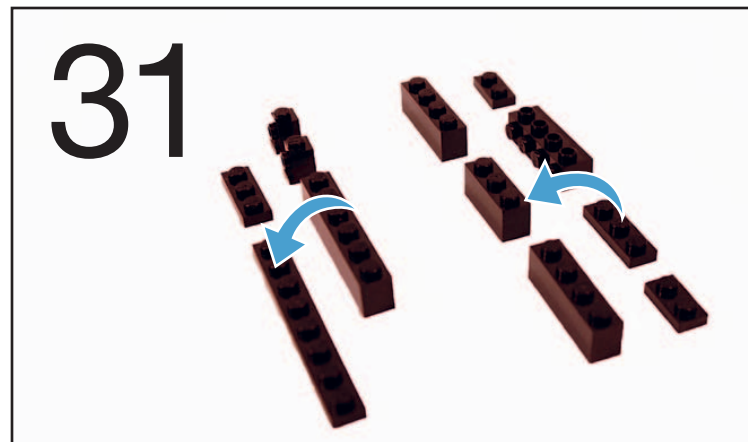
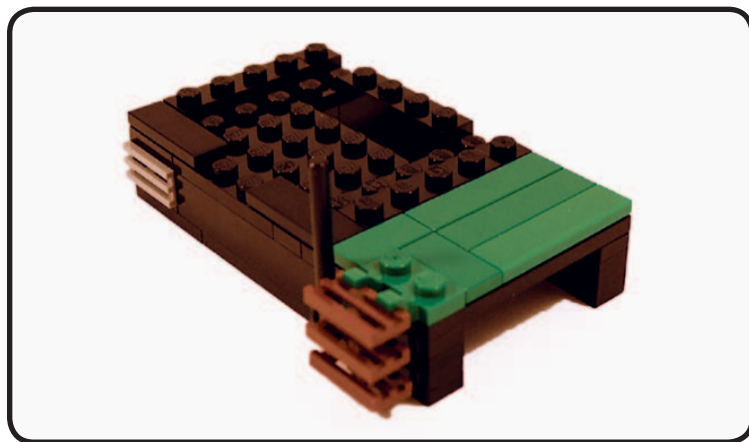
# 29



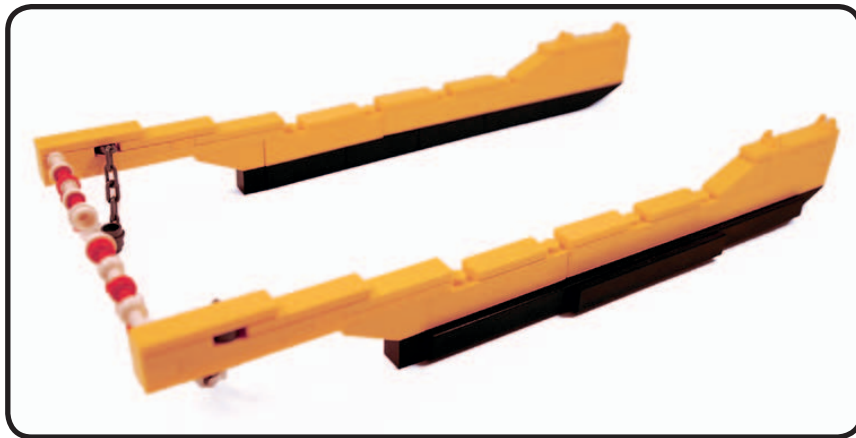
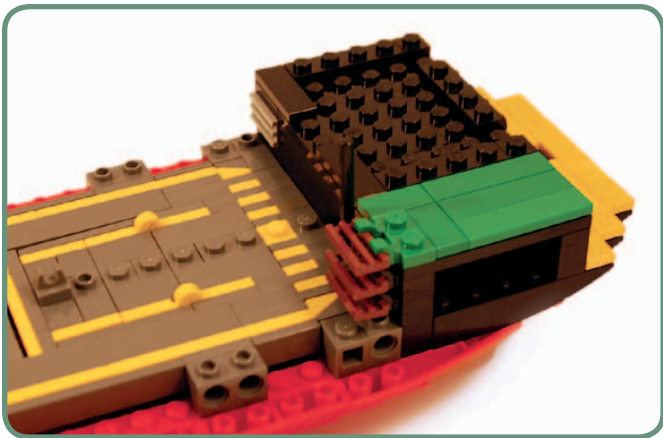
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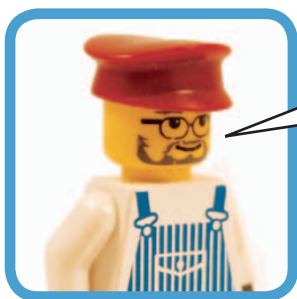
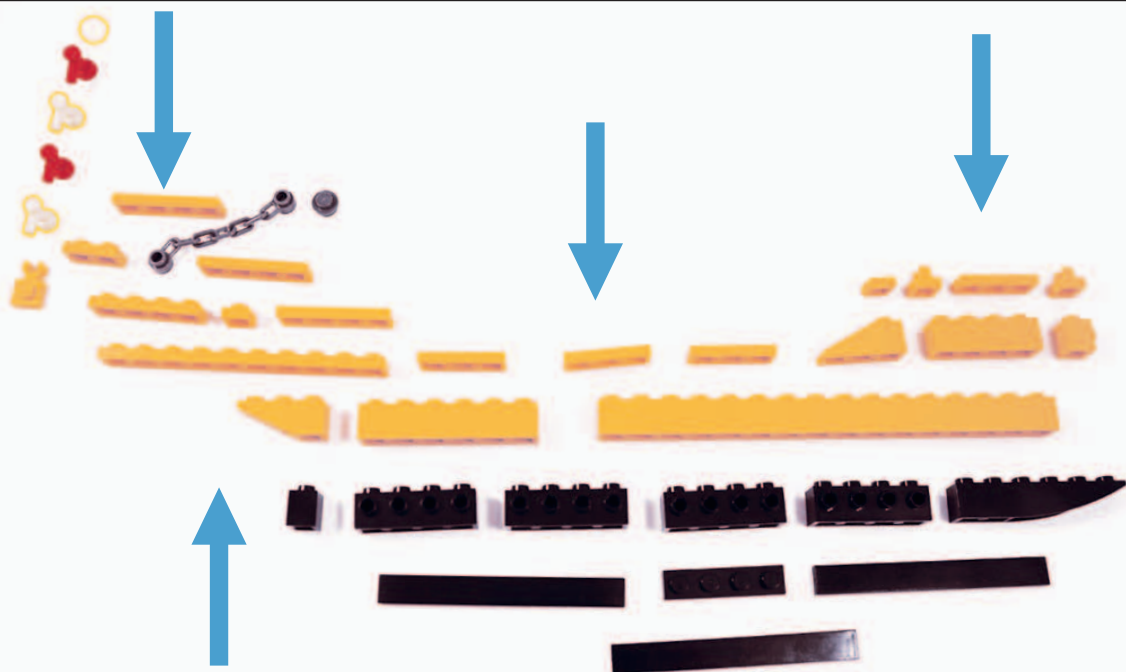




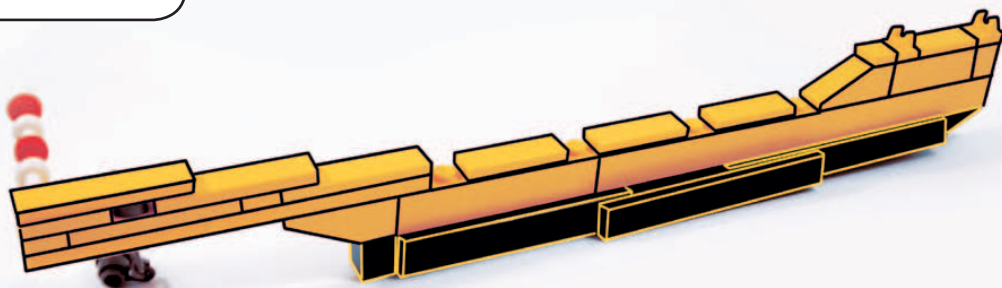




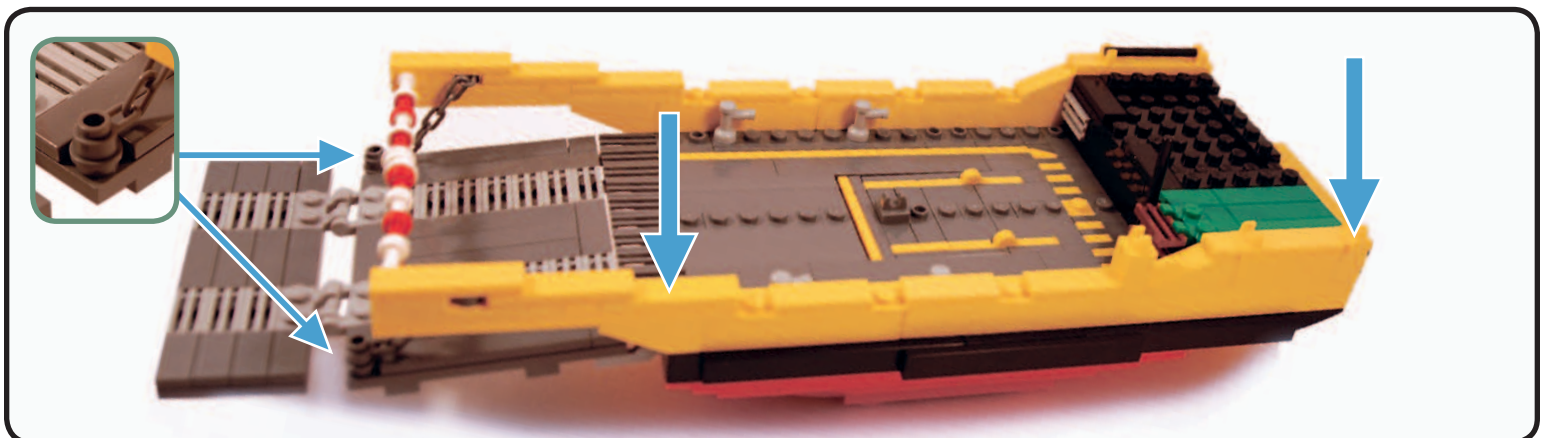
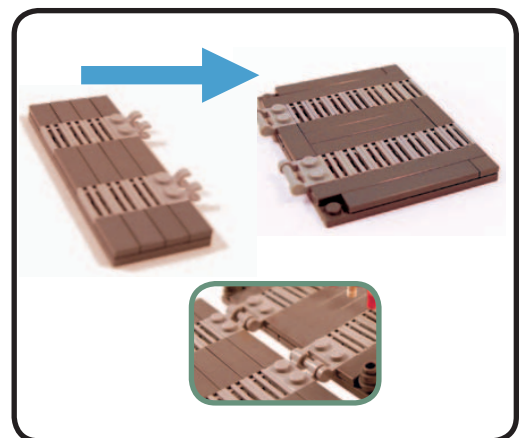
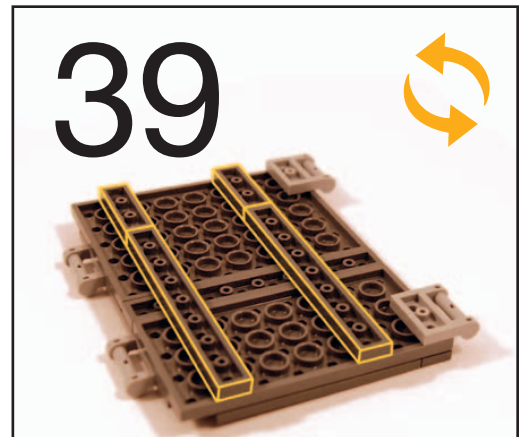
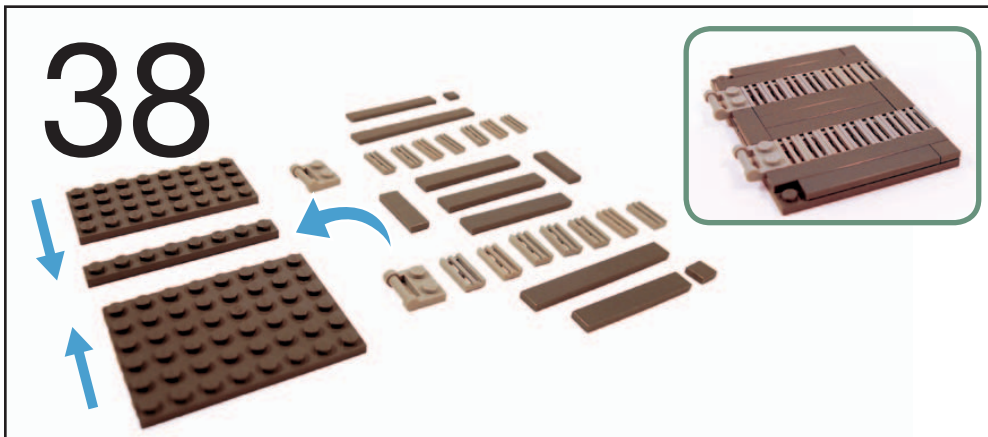
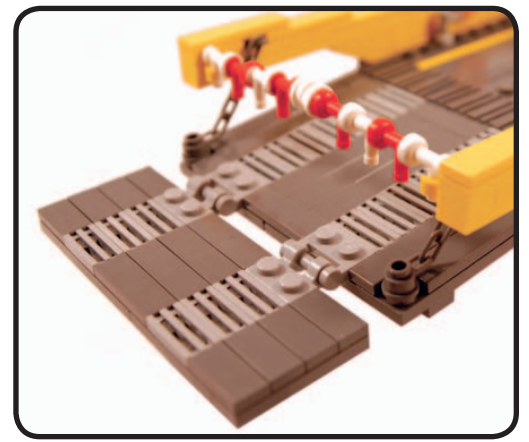
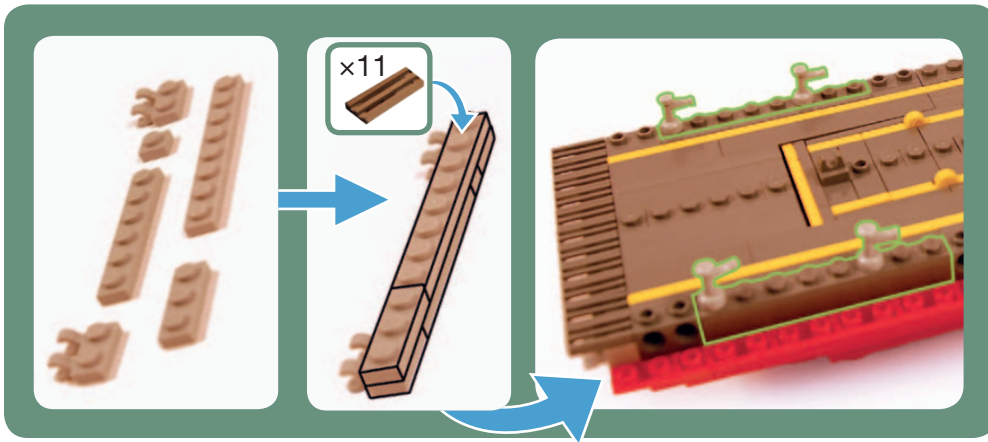
37



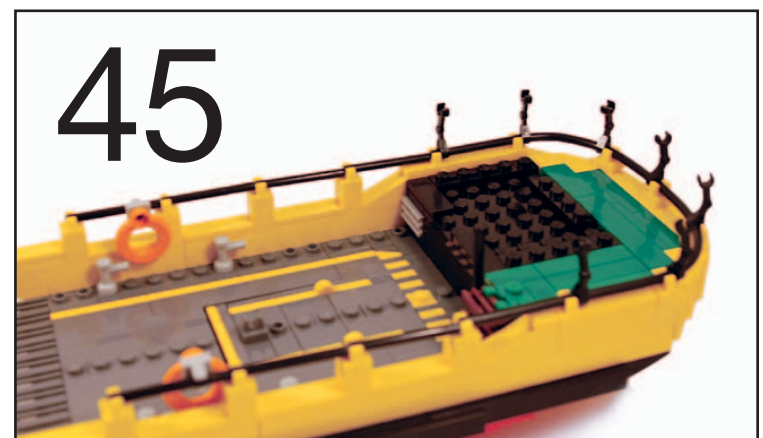
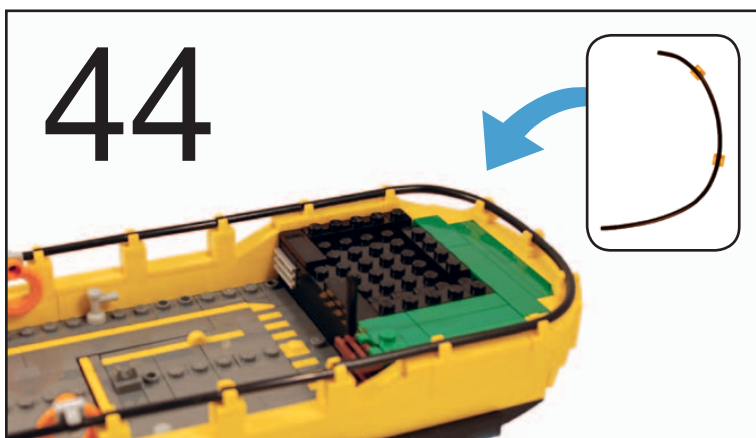
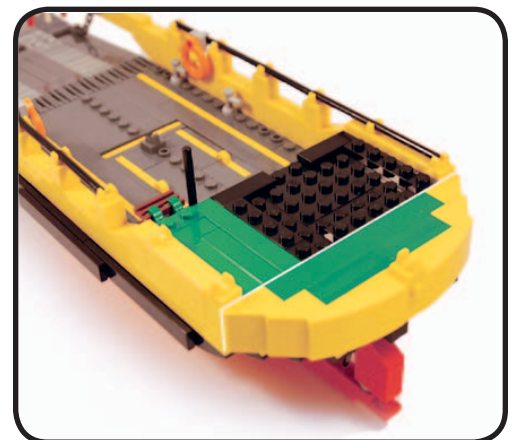
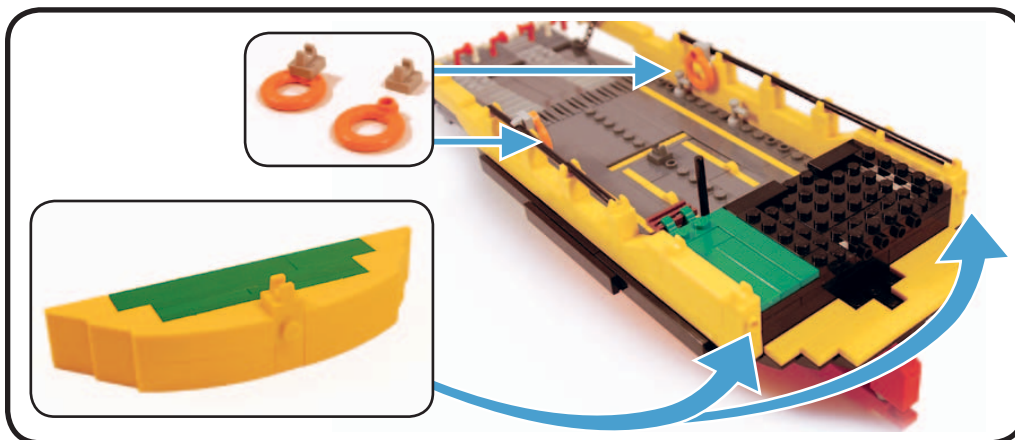
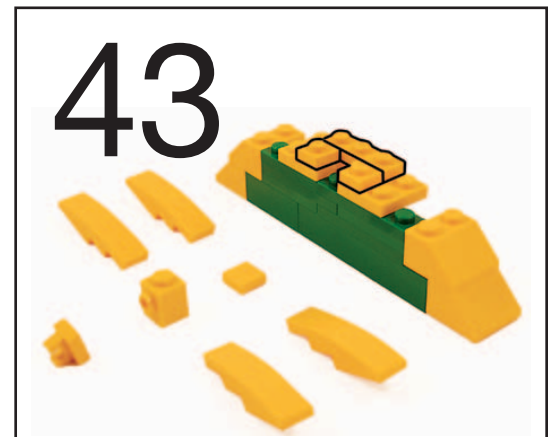
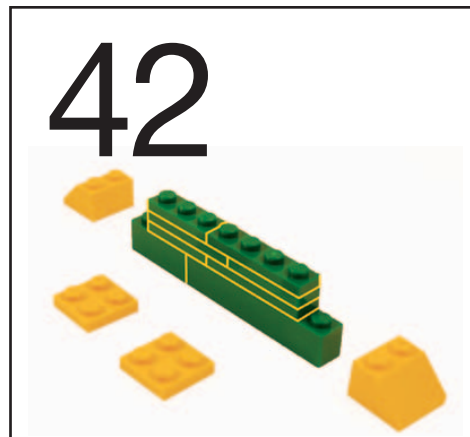
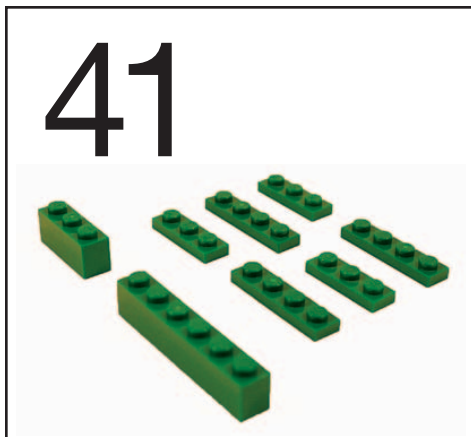
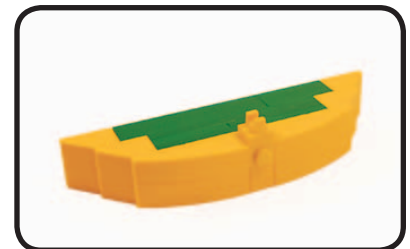
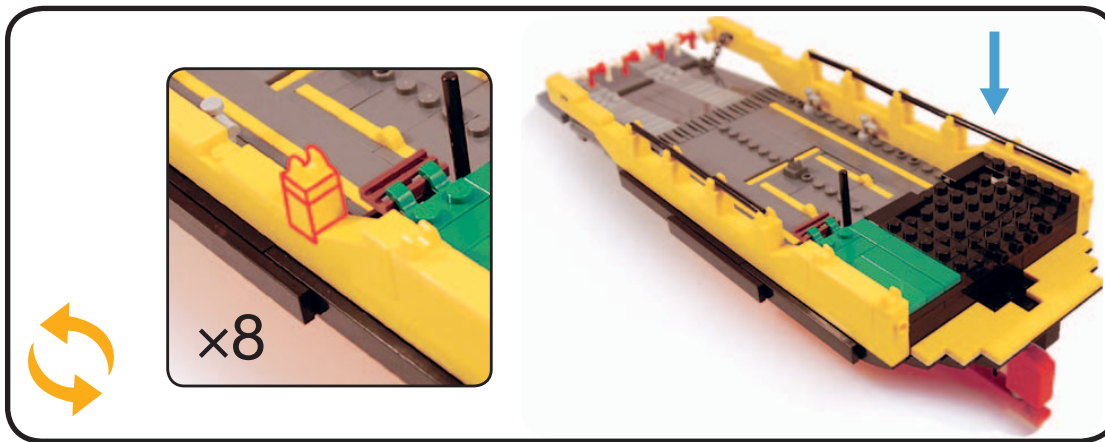
YOU WILL NEED TO  
BUILD TWO SIDE  
RAILS. JUST MIRROR  
THESE STEPS.



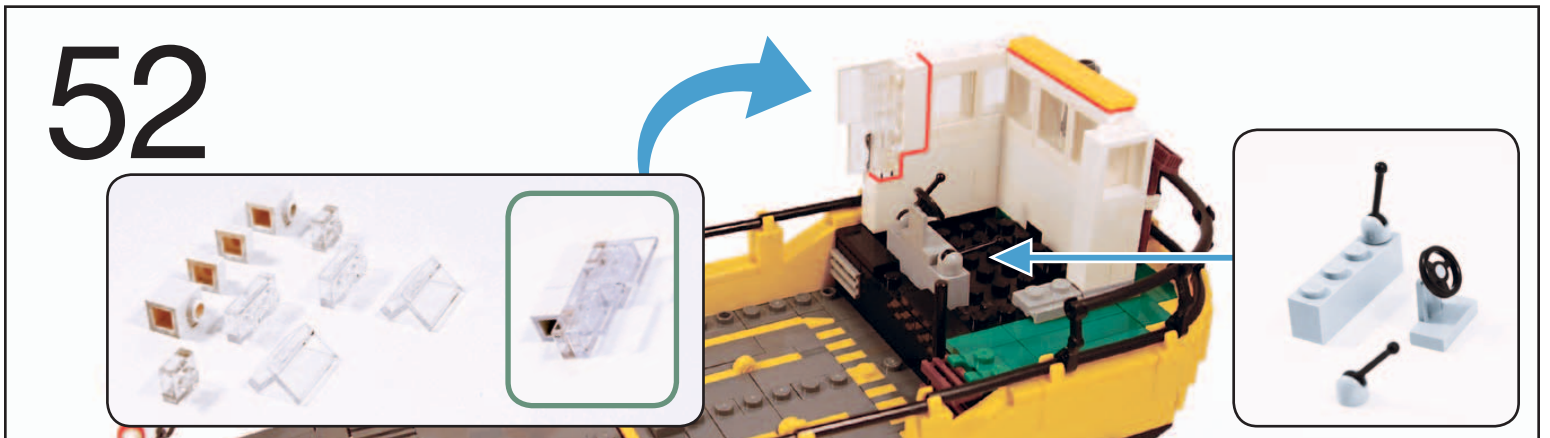
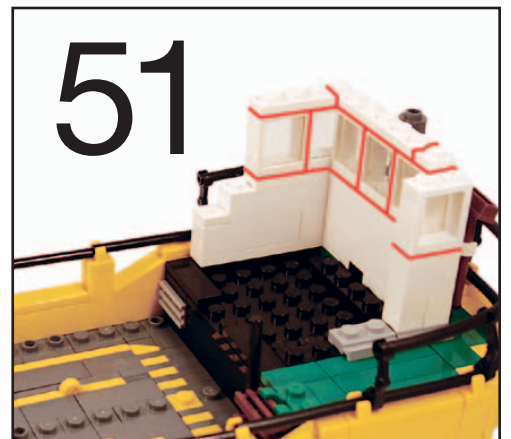
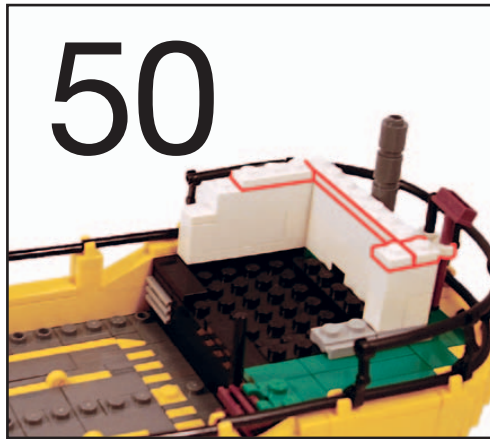
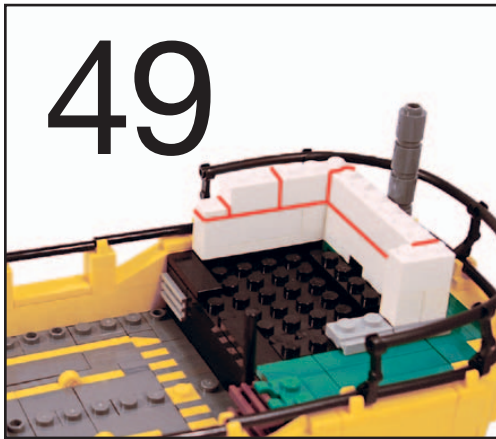
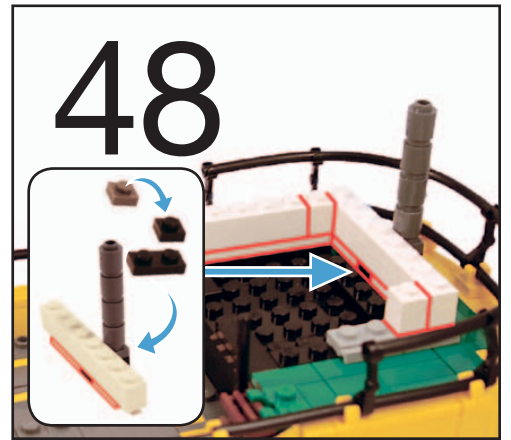
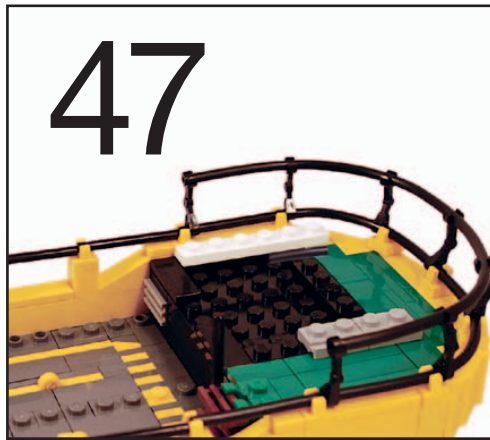
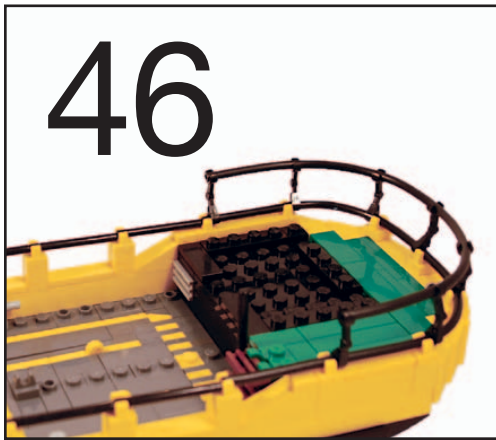






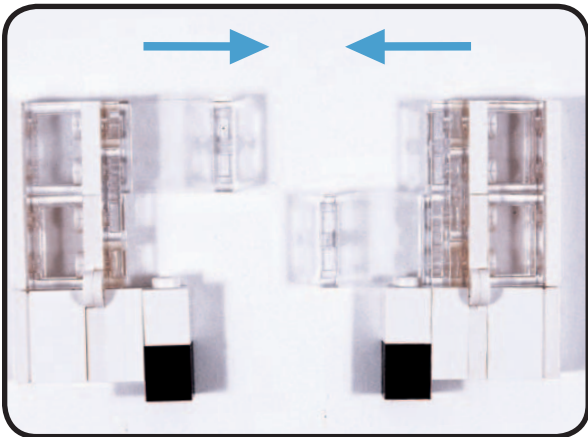
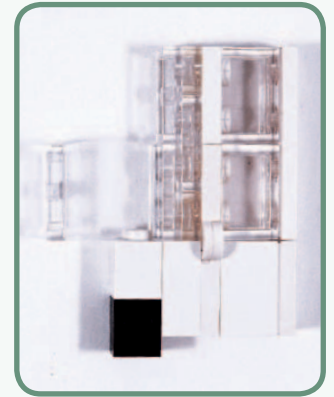




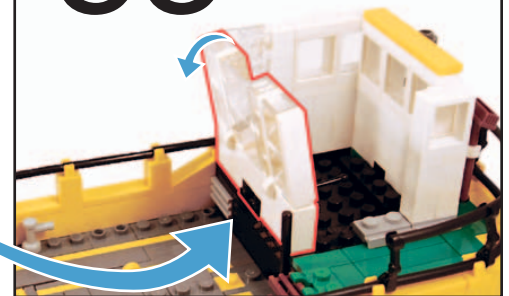




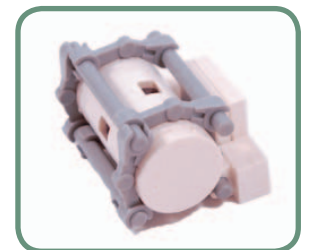
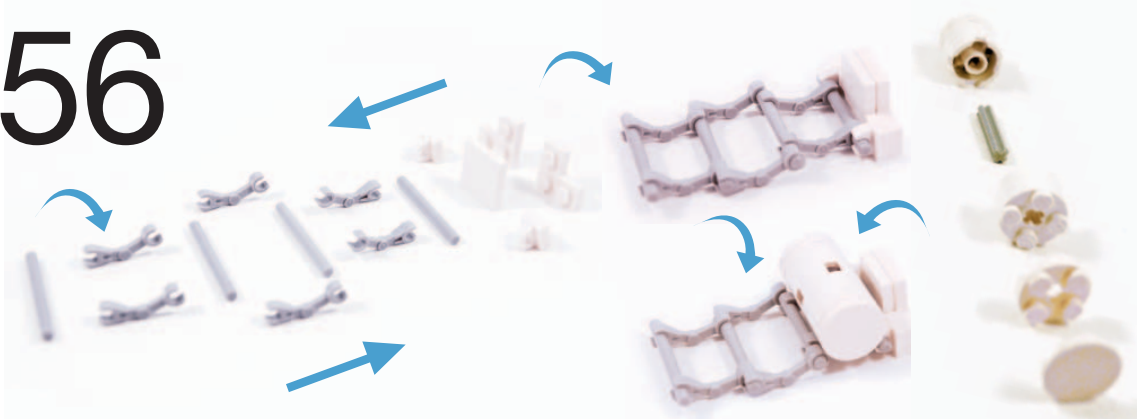
# 54



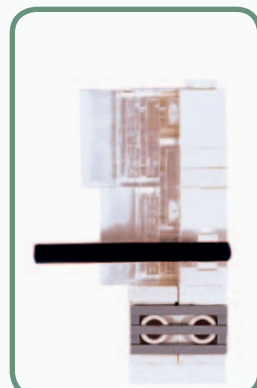
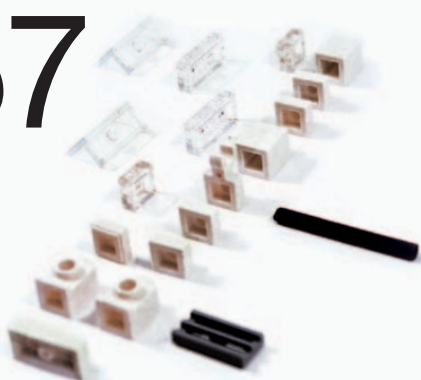
# 55



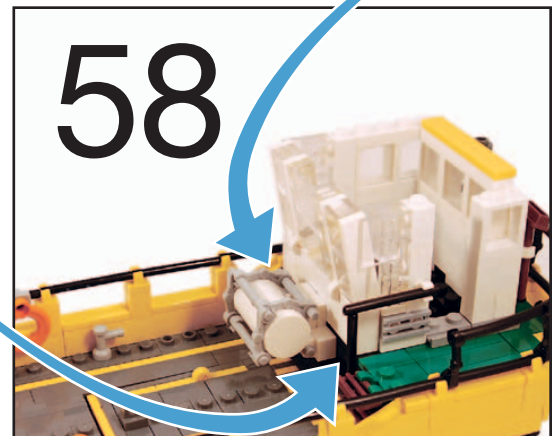
# 56



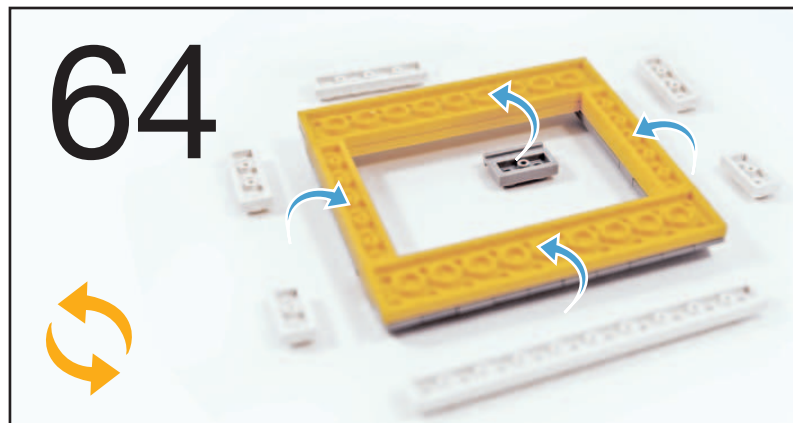
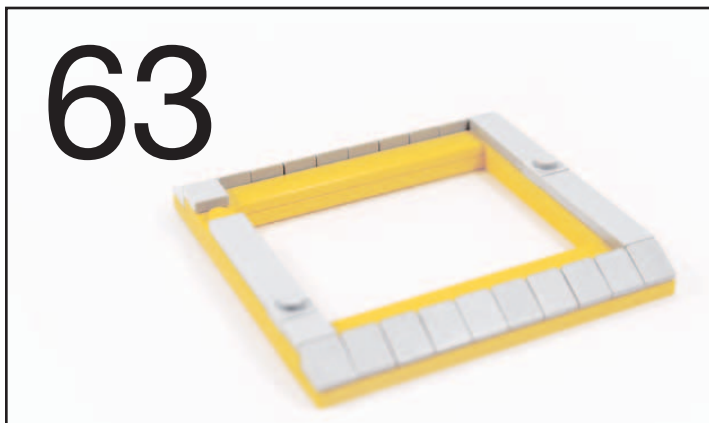
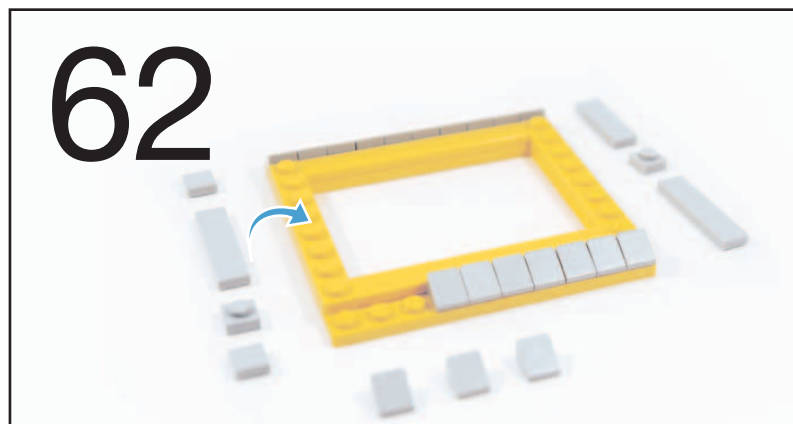
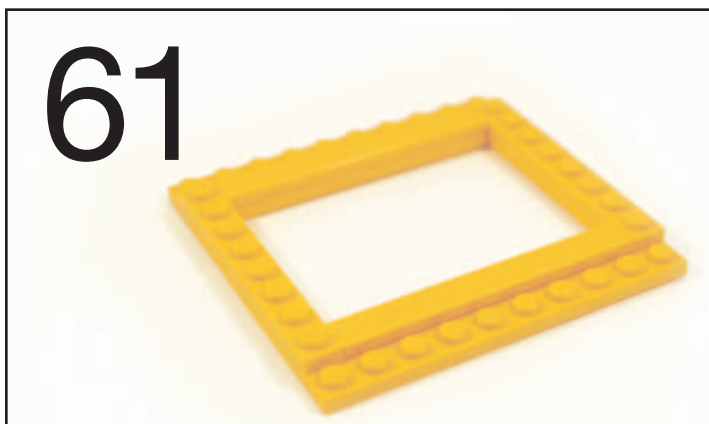
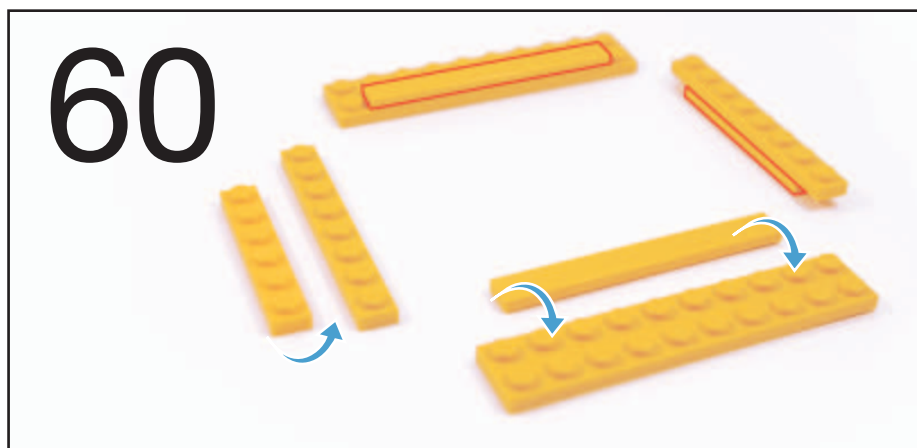
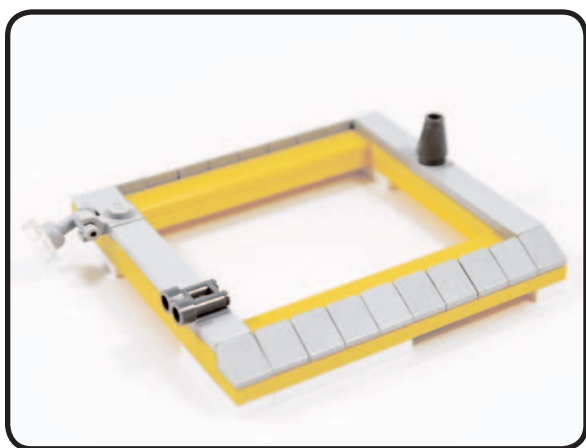
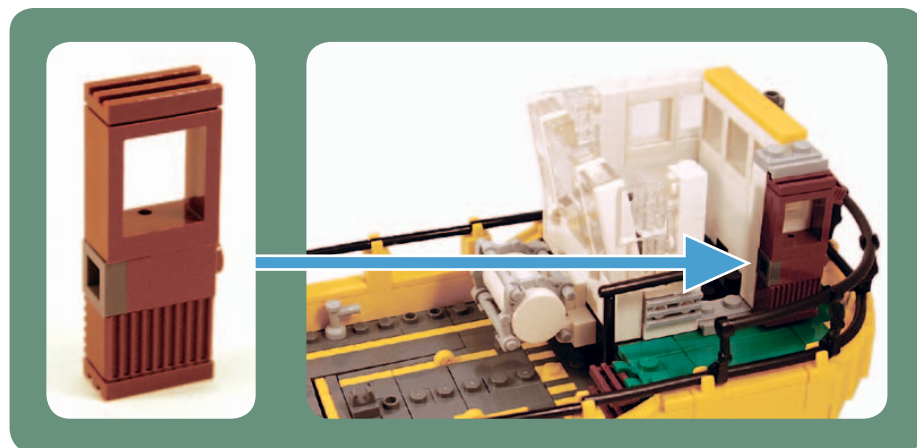
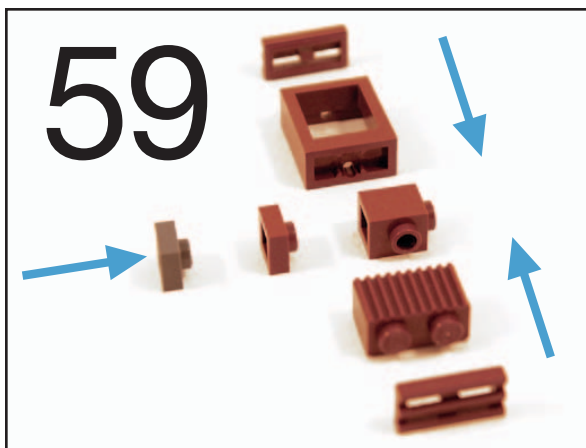
# 57



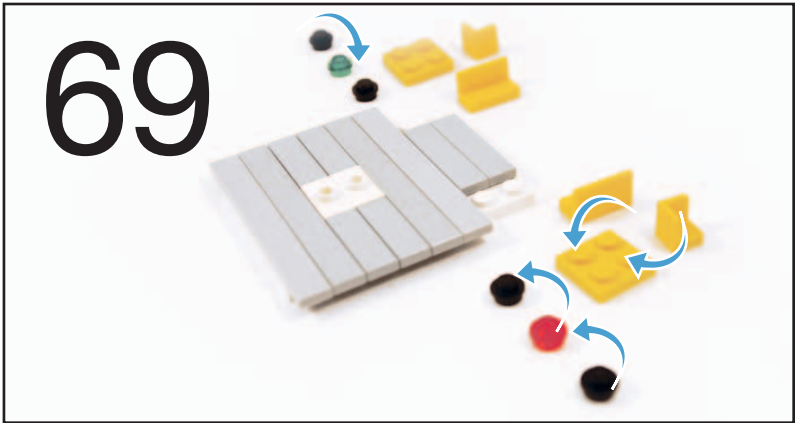
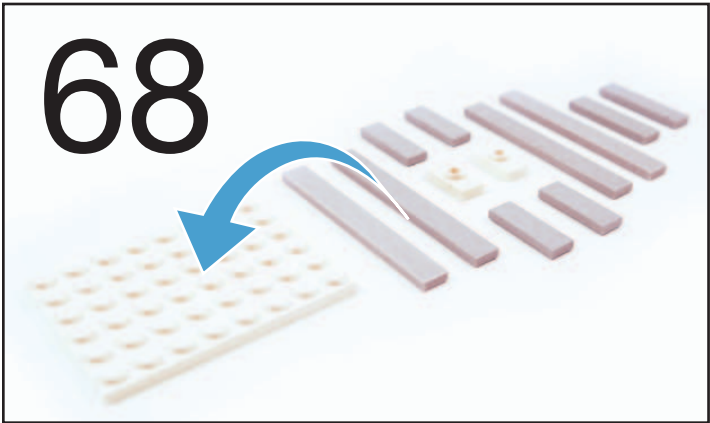
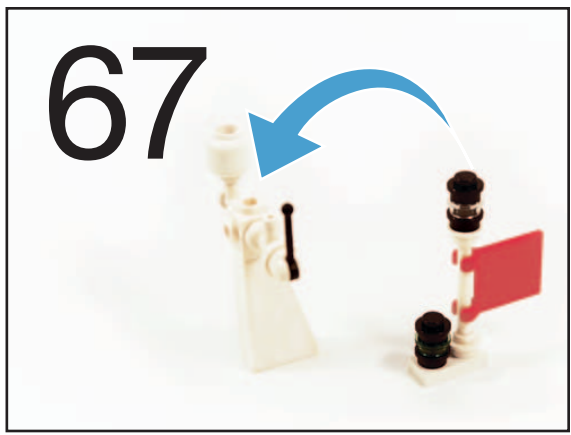
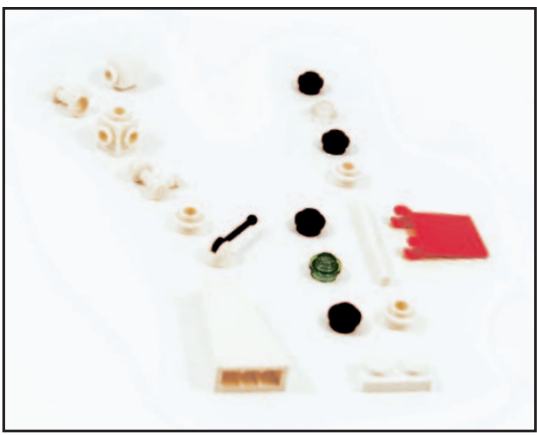
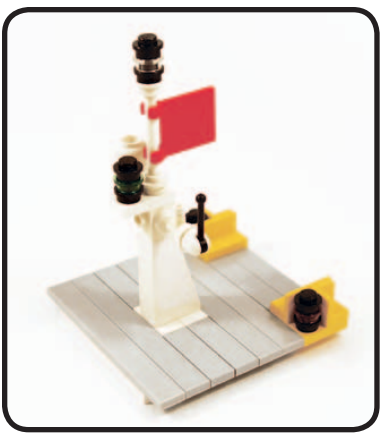
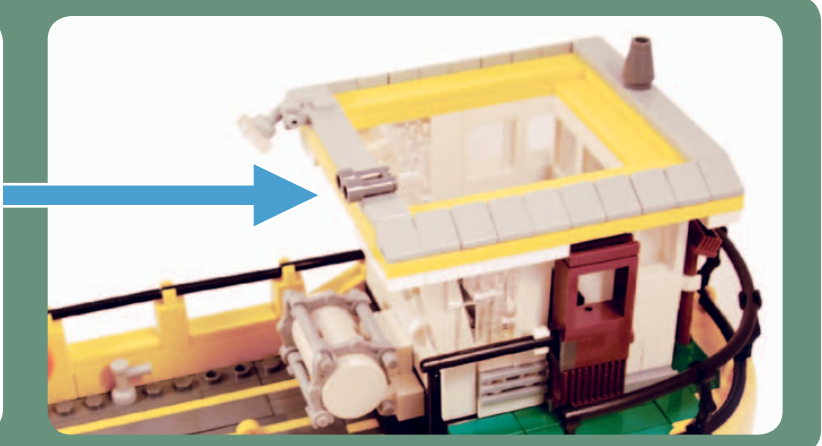
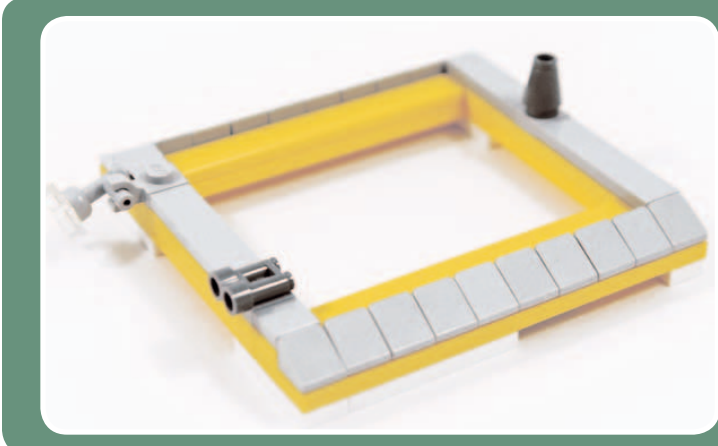
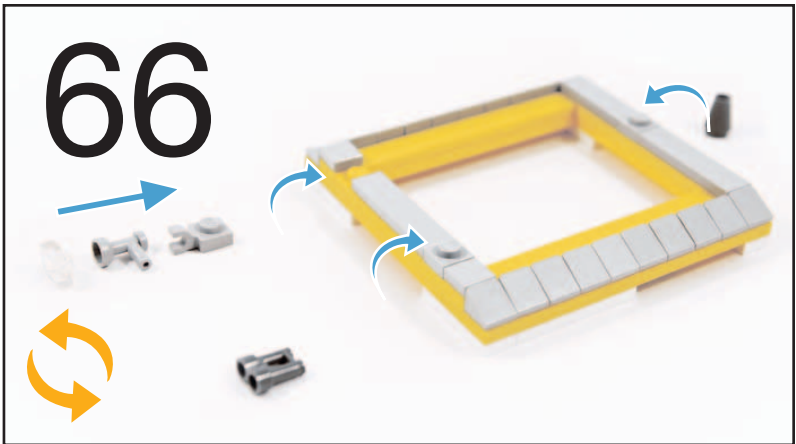
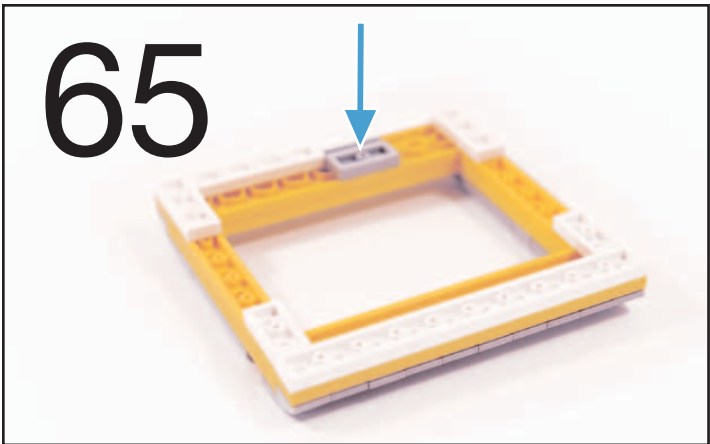
# 58





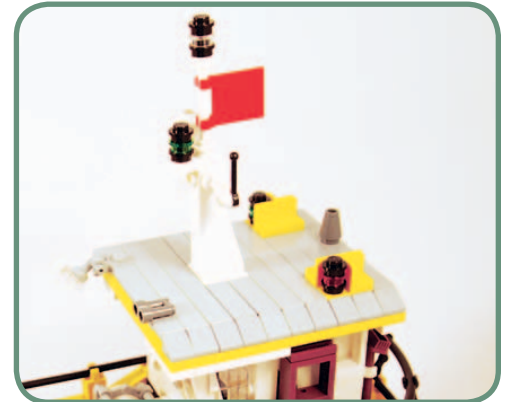
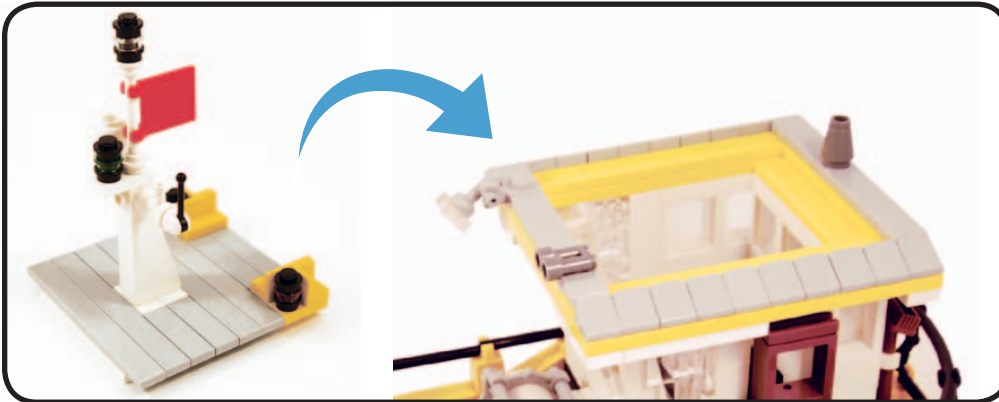
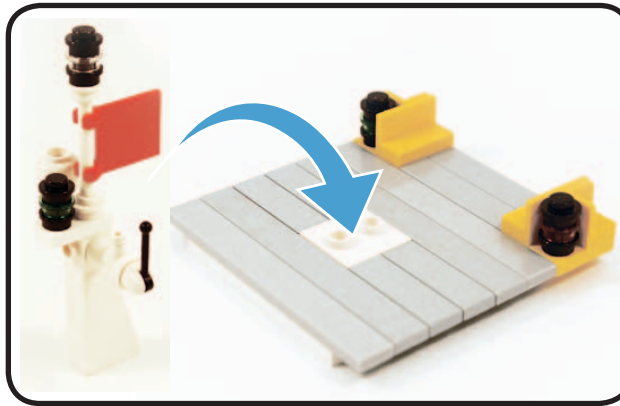
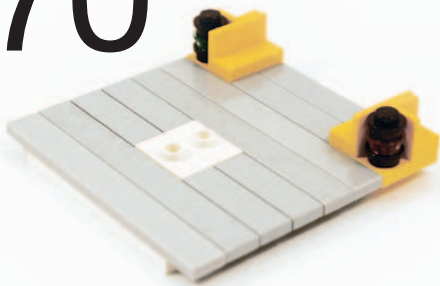




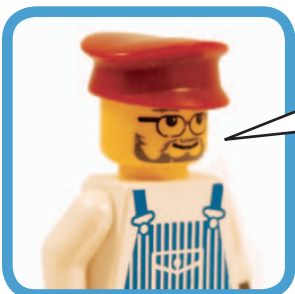
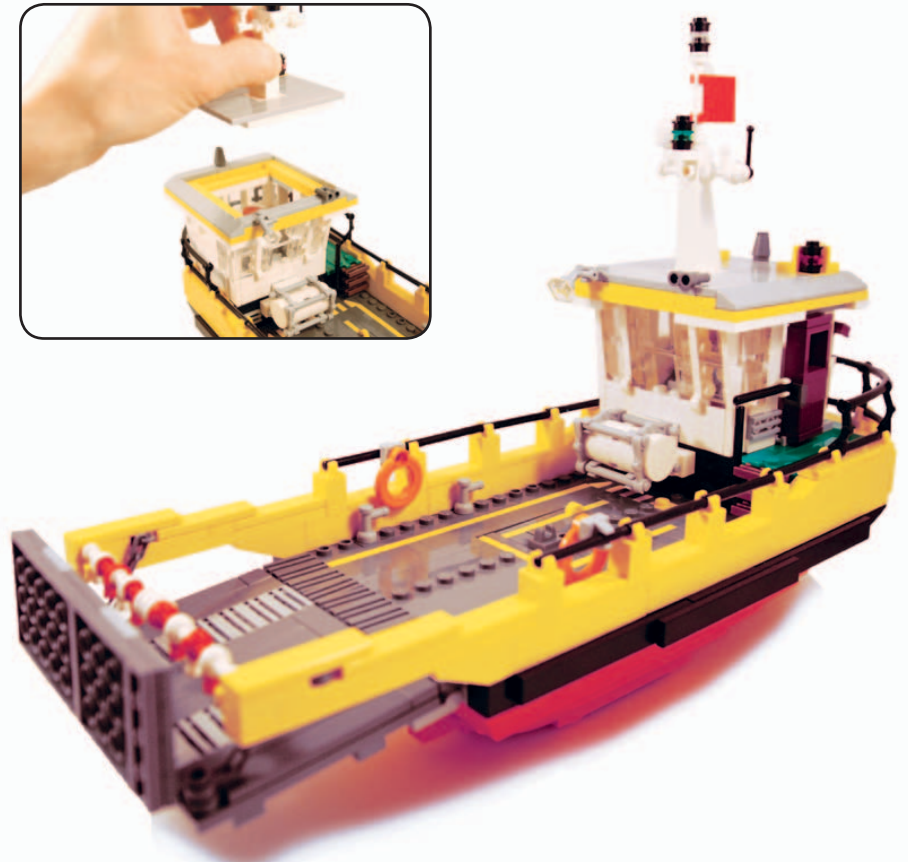
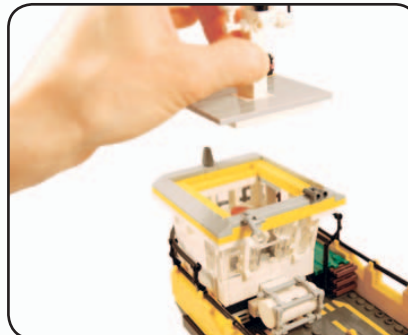
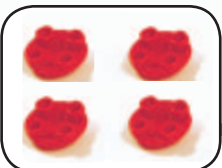




# 70

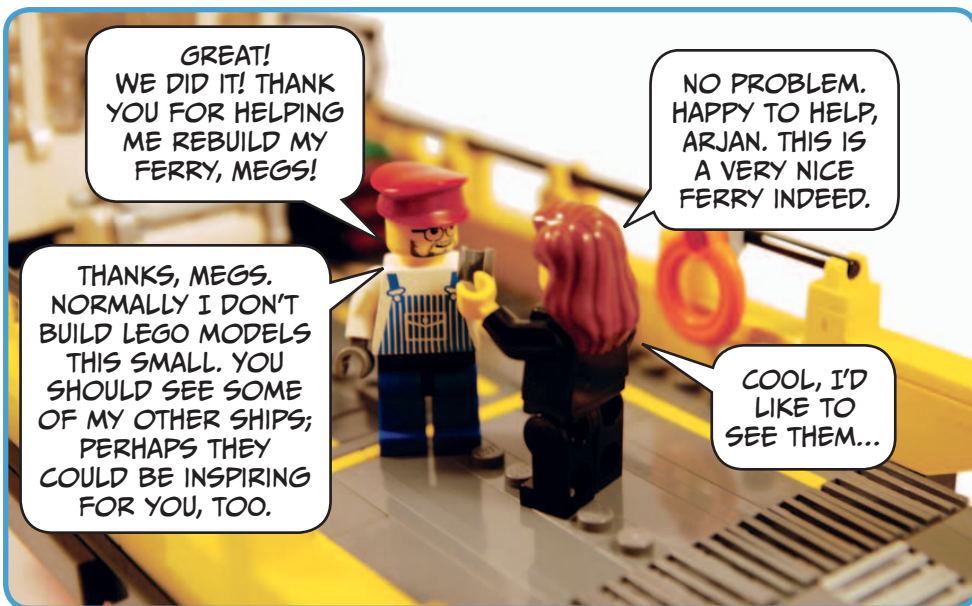
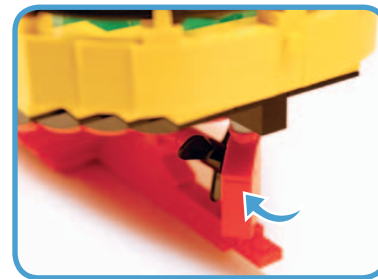
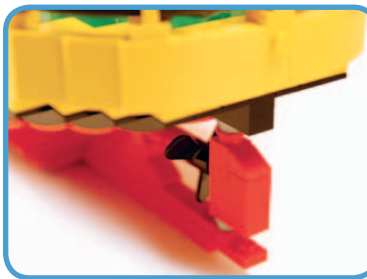
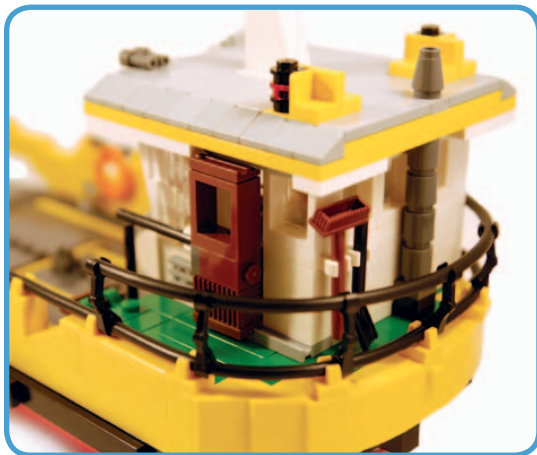
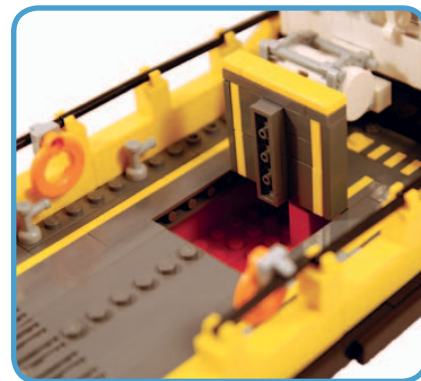
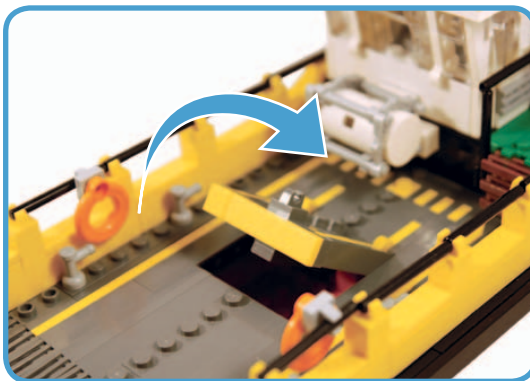
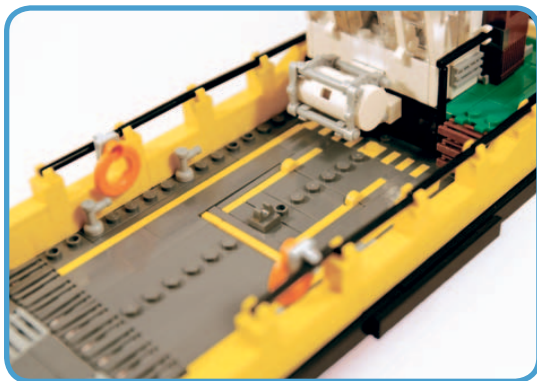
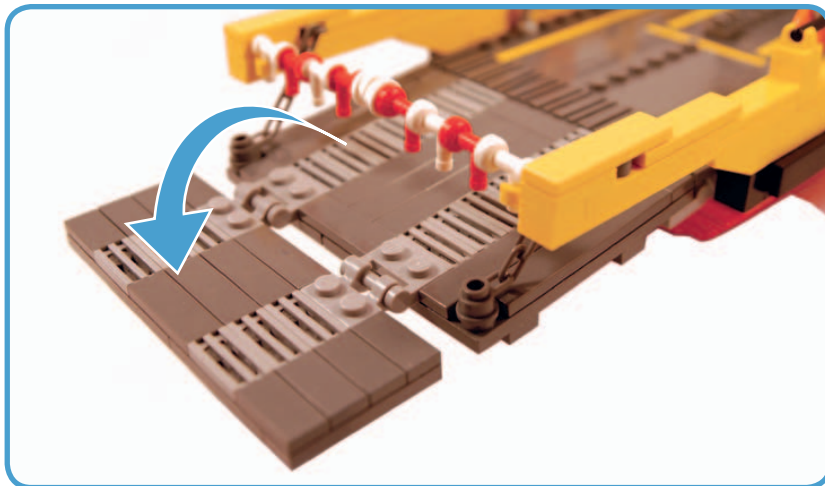
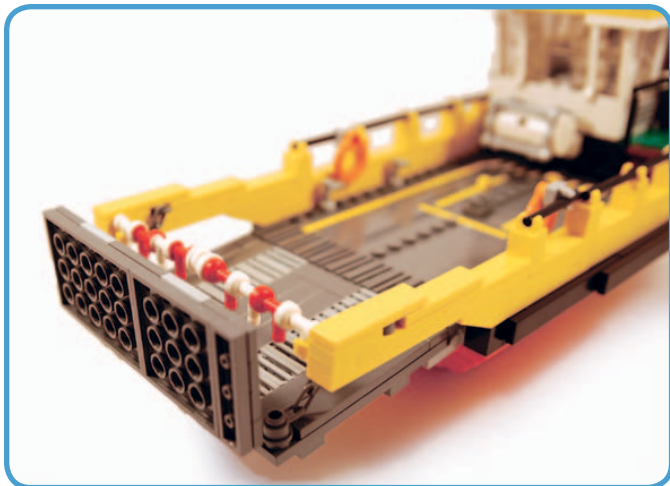


# 71



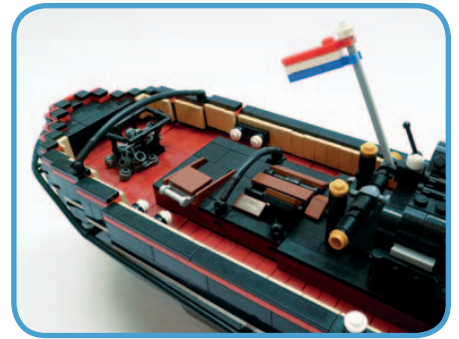
MY FERRY HAS A LOT OF COOL FUNCTIONS AND MOVING PARTS, LIKE THIS RAMP THAT LETS CARS DRIVE RIGHT ON BOARD.



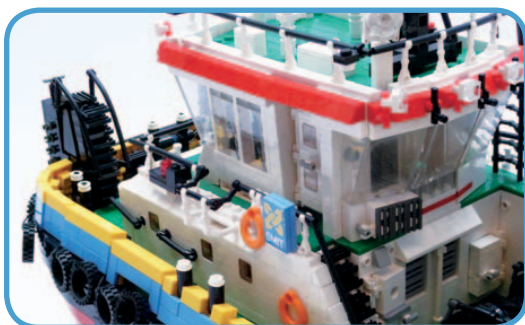




## Steam Tug: Maarten

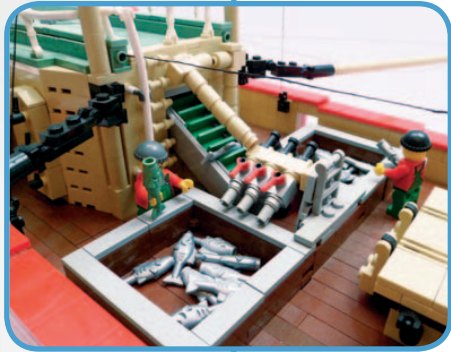


## Harbor Tug: Smit Bison



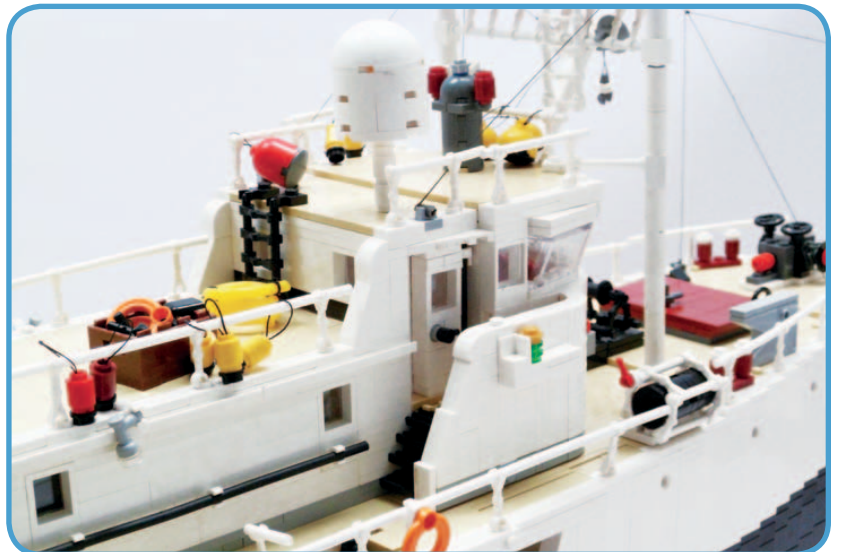
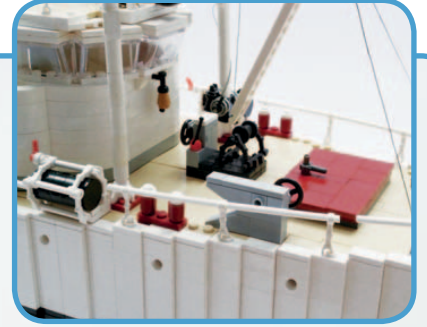


# VLI-8 Beam Trawler

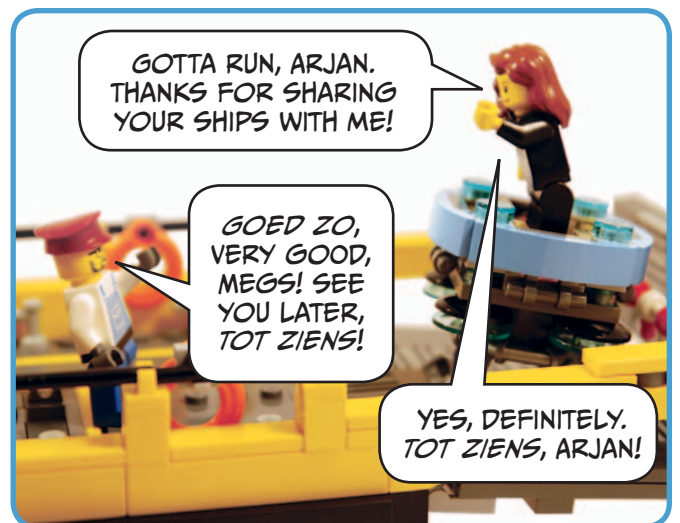
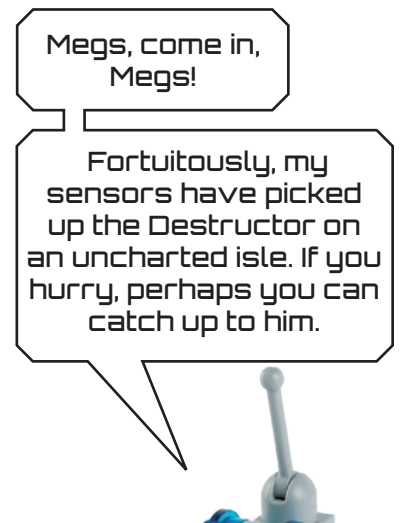
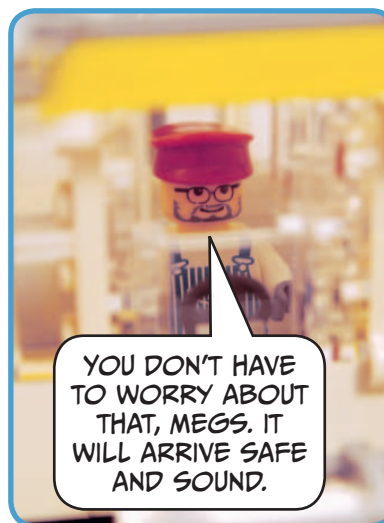
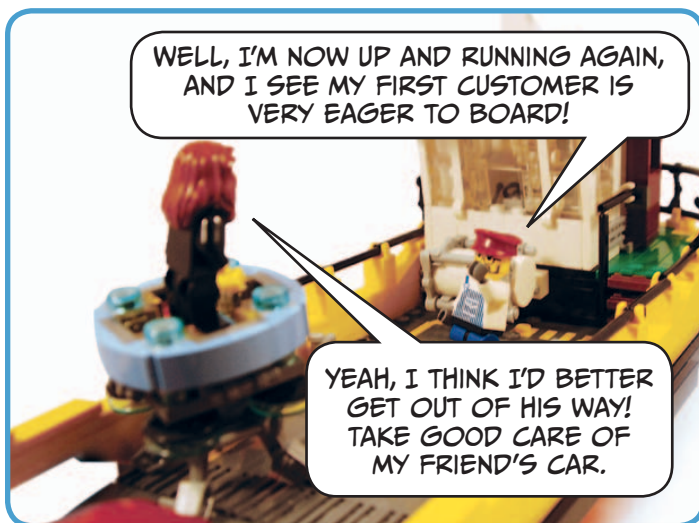
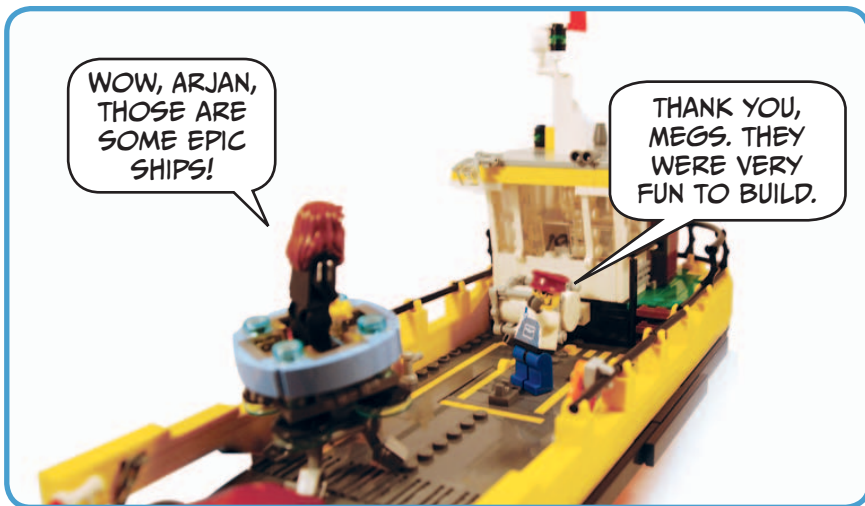




# Jacques Cousteau's Calypso









THIS MUST BE THE THE ISLAND.  
LOOKS LIKE A HURRICANE  
HAS BLOWN THROUGH HERE!  
WELL, HELLO DOWN THERE!



AHOY, YOURSELF!  
THE NAME BE MEGS,  
AND I'D BE HAPPY  
TO OBLIGE, SIR!

AHOY! THAT PINK-HAIRED,  
LILY-LIVERED SCALLYWAG  
BLEW MY LOOKOUT HUT TO  
SMITHEREENS! YOU LOOK  
LIKE A HANDY BUILDER.  
WANT TO HELP ME FIX IT?





# Castaway's Cove



# Barney Main

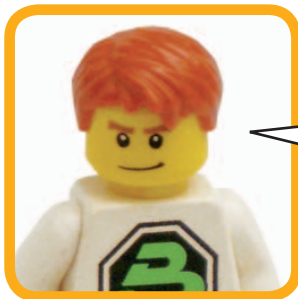
**Nickname:** SlyOwl

**Profession:** Engineering Design Student

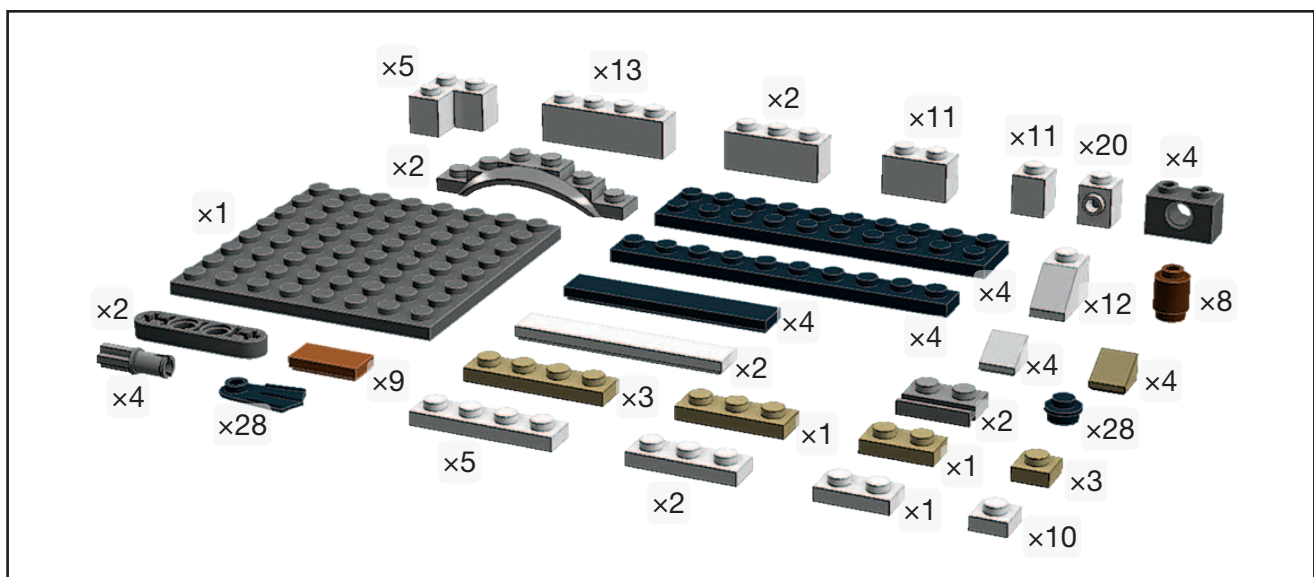
**Nationality:** British

**Website:** [www.flickr.com/photos/27444109@N04/](http://www.flickr.com/photos/27444109@N04/)

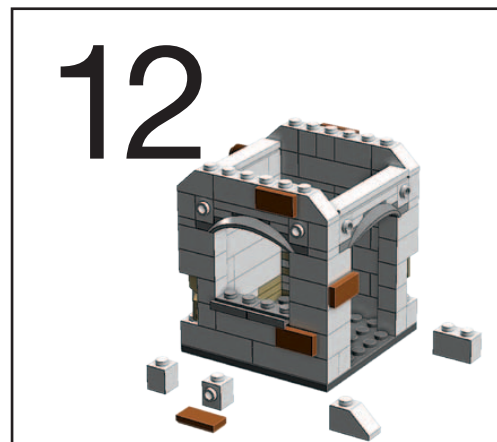
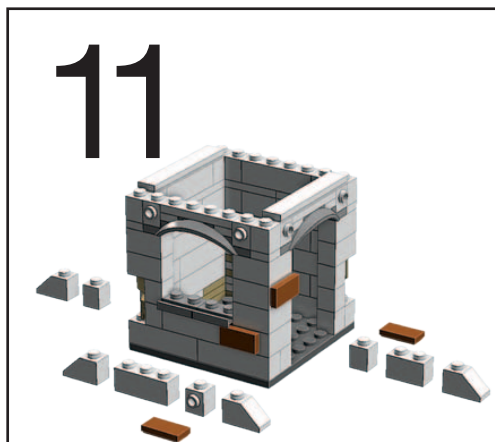
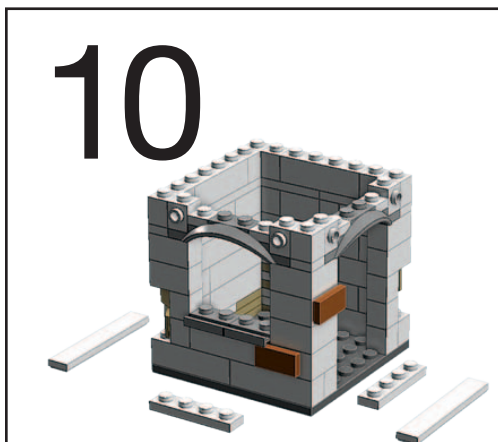
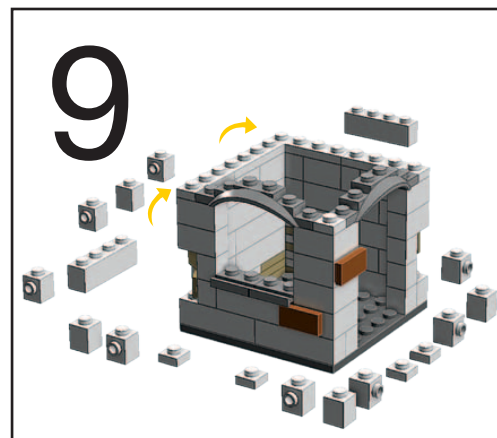
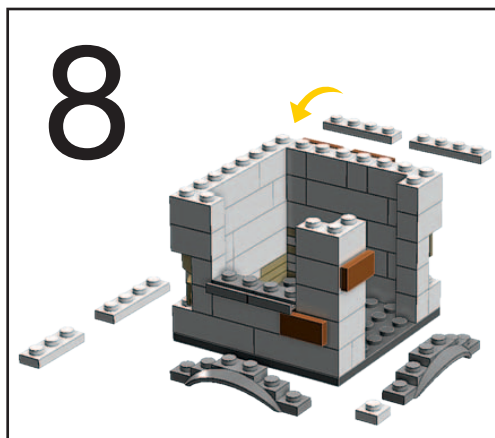
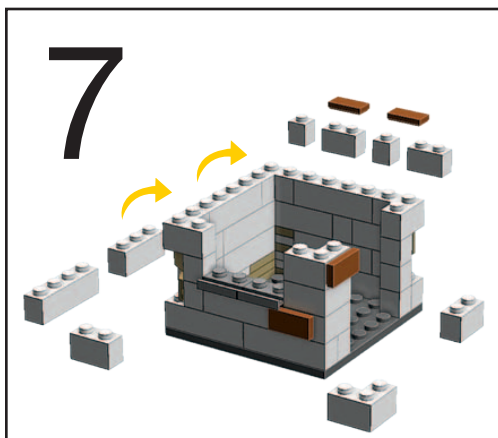
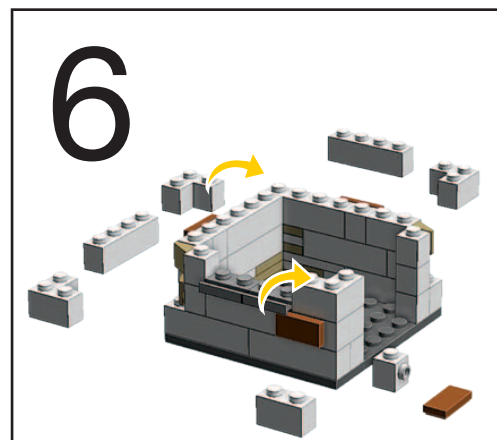
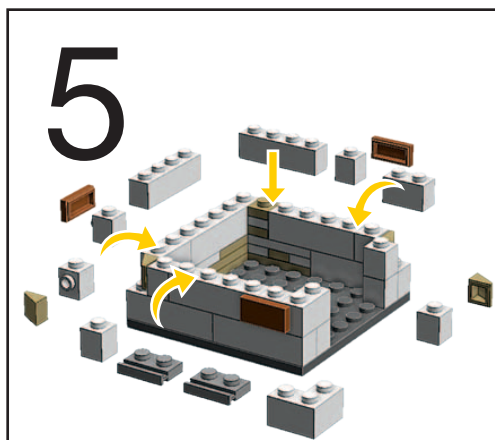
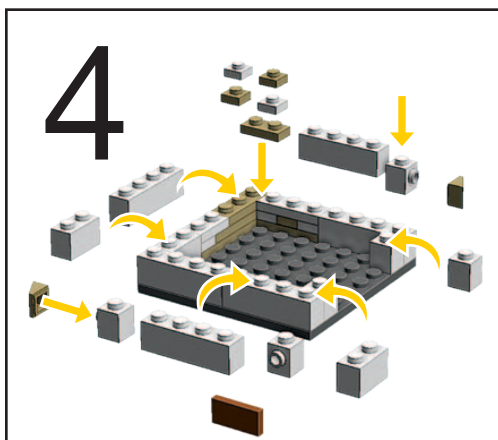
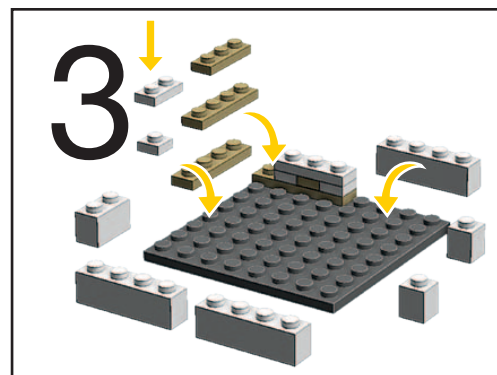
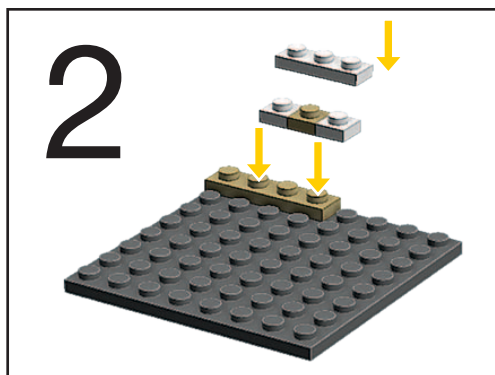
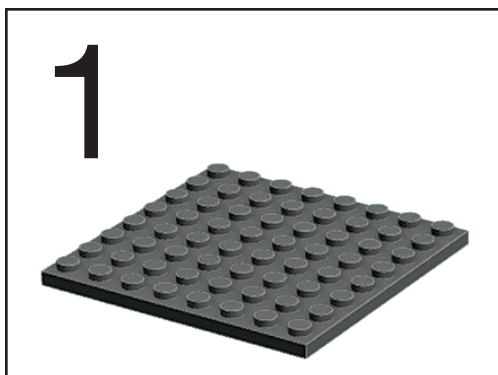
# Lookout Hut



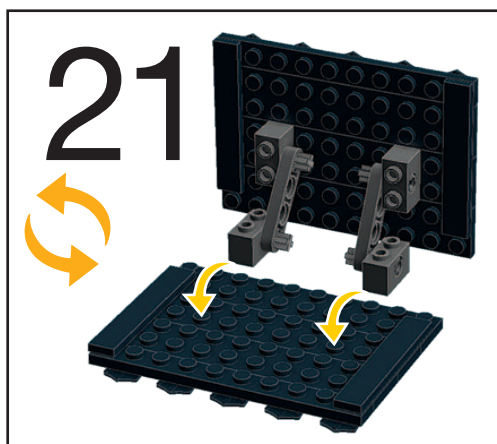
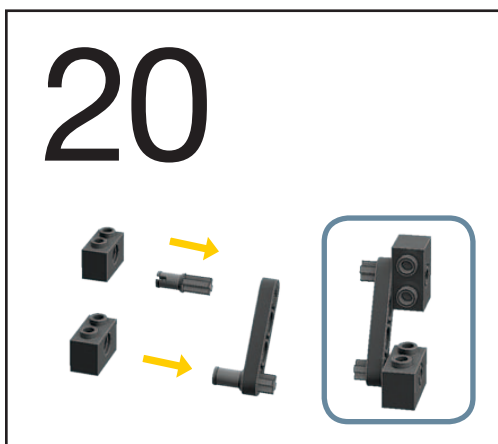
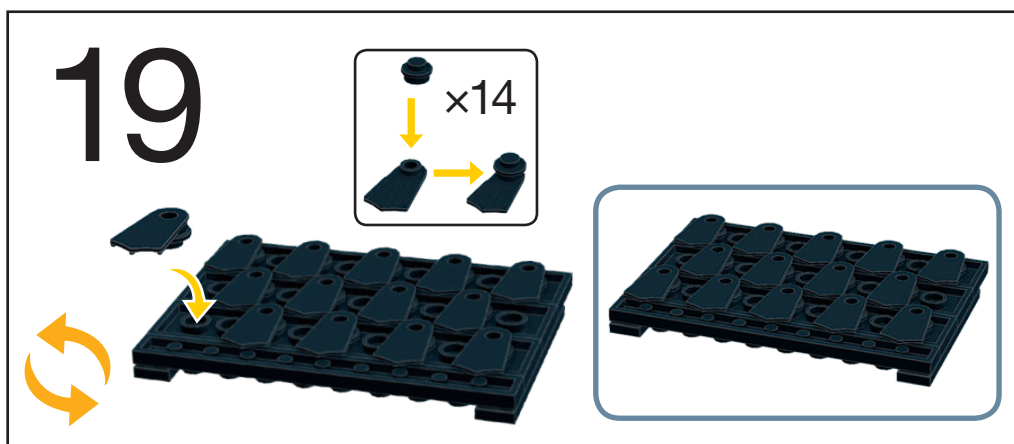
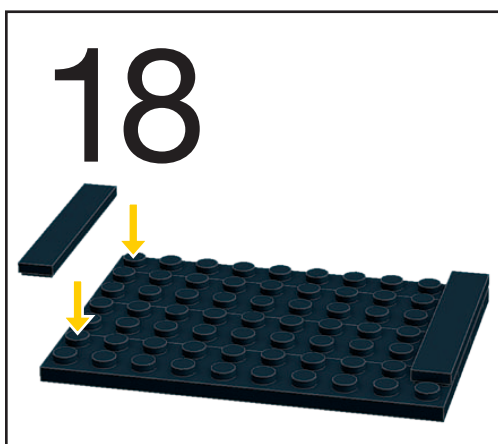
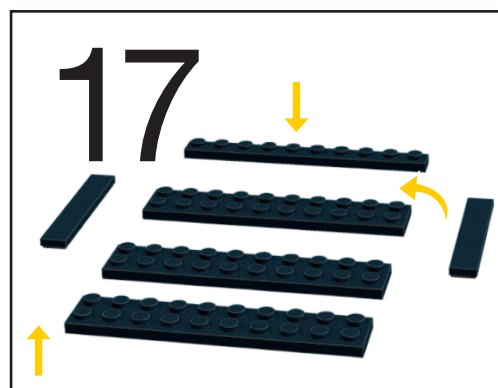
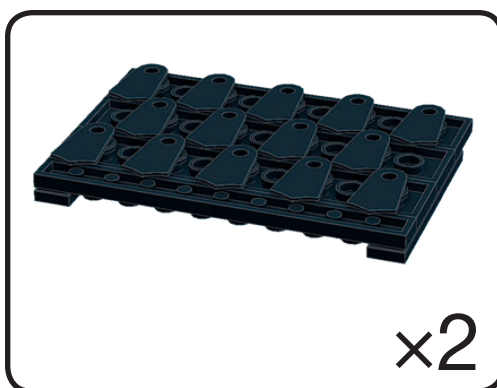
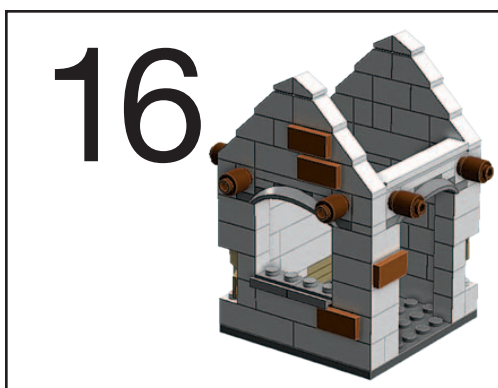
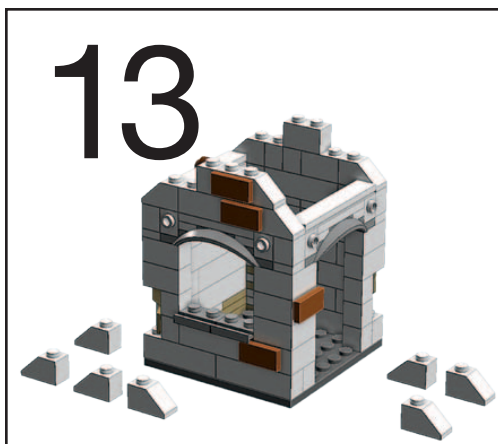
AS YE CAN SEE IN THE BUILDING PLANS, EACH SIDE OF ME LOOKOUT HUT IS DIFFERENT. KEEP A KEEN EYE ON THE STEPS, ME HEARTIES!





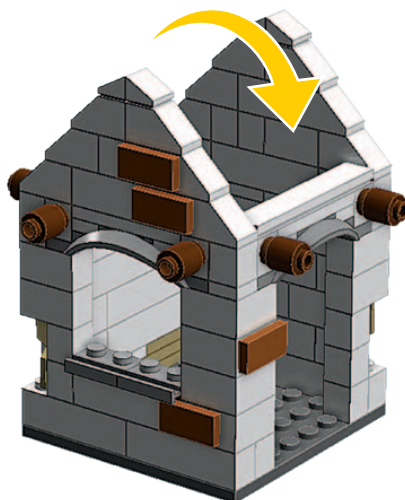
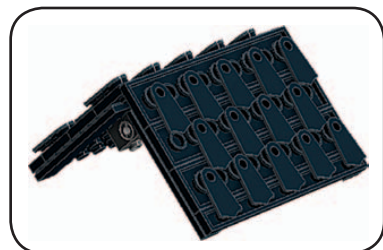




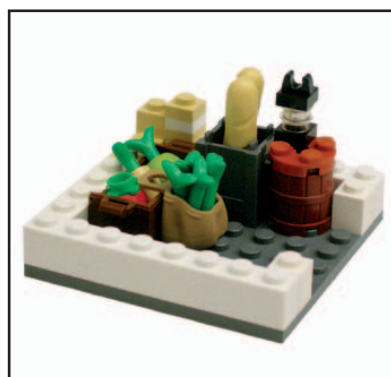




# 22



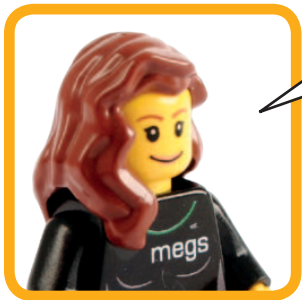
A BUILDING LIKE THIS CAN BE ANY SIZE. SCALE YOUR BUILDING TO FIT YOUR ENVIRONMENT. MY ISLAND'S SMALL, SO I KEPT MY HUT SMALL, TOO. JUST BE SURE A MINIFIGURE CAN GET THROUGH THE DOORWAY. HERE ARE SOME DETAILS YOU CAN ADD TO YOUR HUT. YOU'LL NEED PROVISIONS IF YOU'VE BEEN MAROONED!



## Building Tip

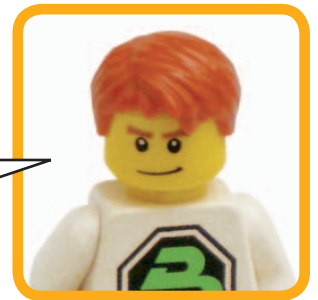
Try looking at every LEGO element in a creative way. You may discover an amazing new use for it. For example, you can use a flipper as a roof tile, as Barney has done here.



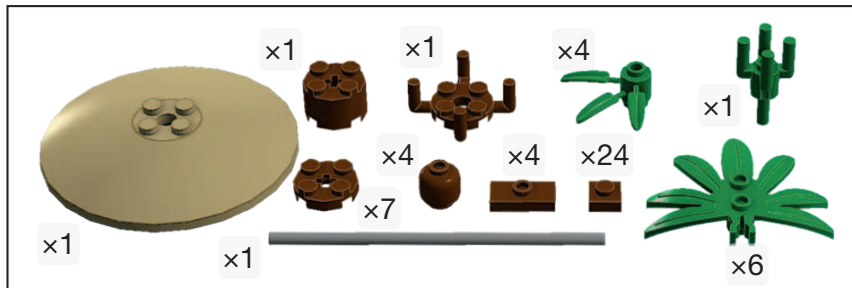


COOL LOOKOUT HUT!  
WHAT ELSE HAVE  
YOU BUILT?

HOW ABOUT SOMETHING  
FOR A LANDLUBBER?  
A PALM TREE FROM  
ME ISLAND.

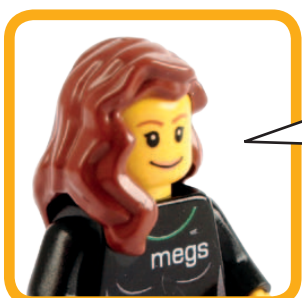
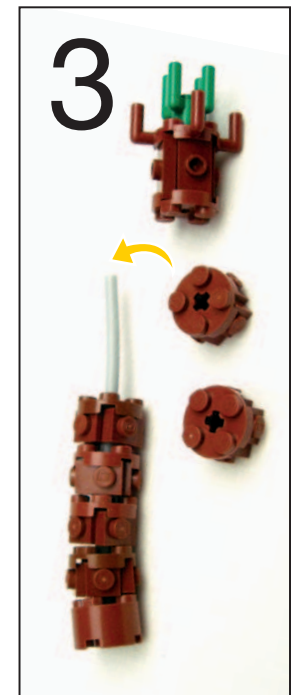
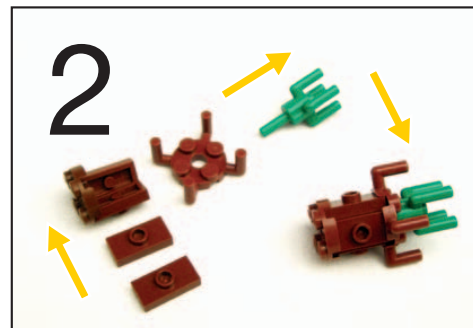
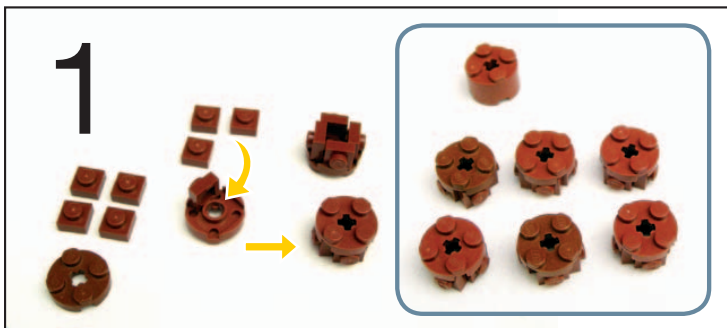


## Palm Tree



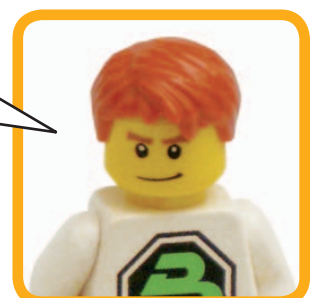
### Building Tip

Adding flexible tubing in the middle of the trunk allows this palm tree to bend into all sorts of natural shapes.



WELL, THAR'S SOME  
NICE LEGO MODELS.  
DO YE MIND SHOWIN'  
ME MORE FROM  
YOUR ISLAND, SIR?

AYE AYE, MEGS,  
T'WOULD BE  
ME PLEASURE.

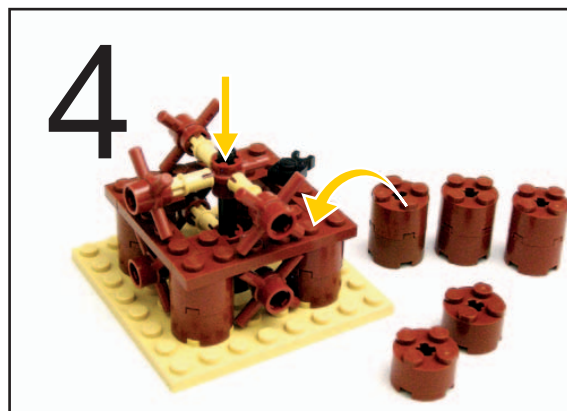
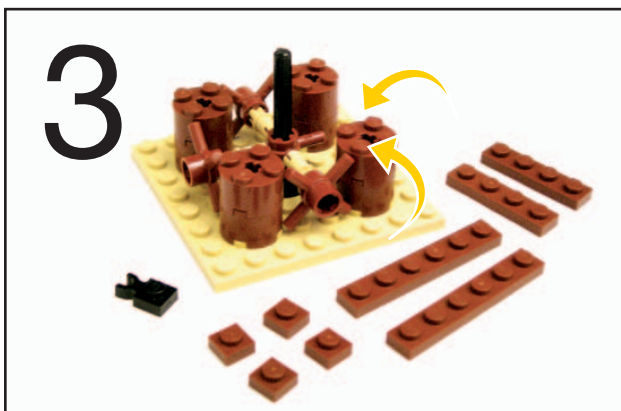
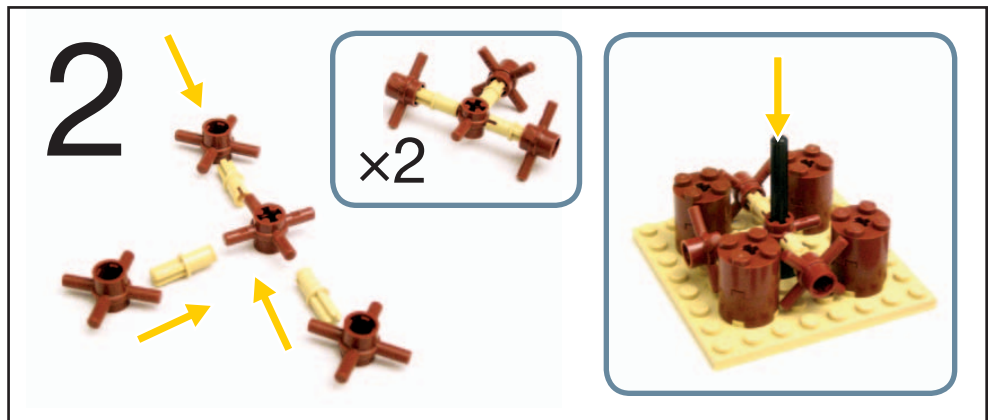
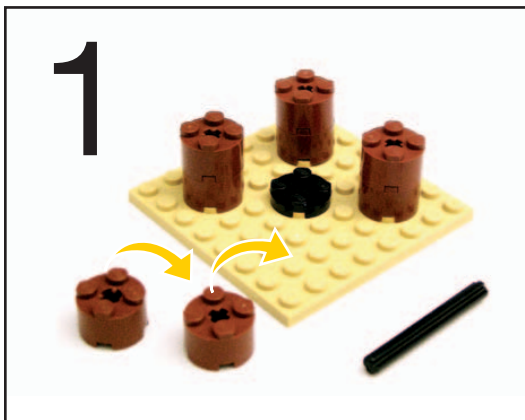
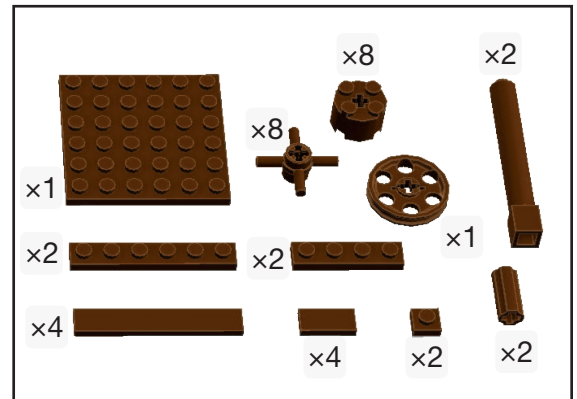
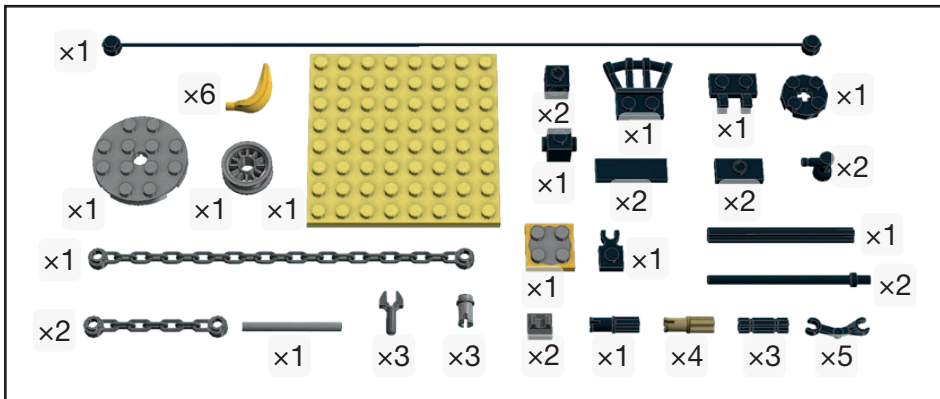




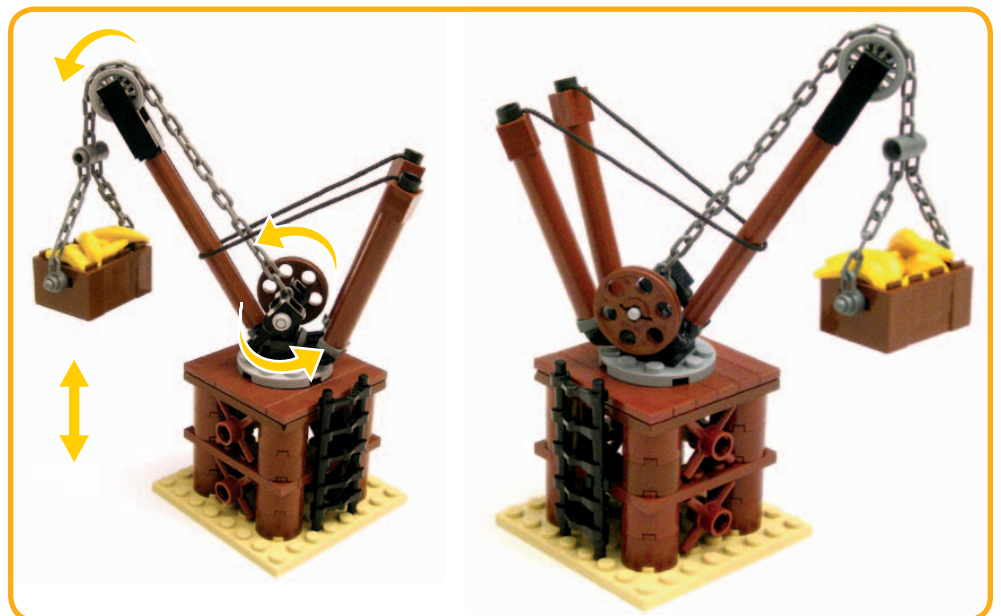
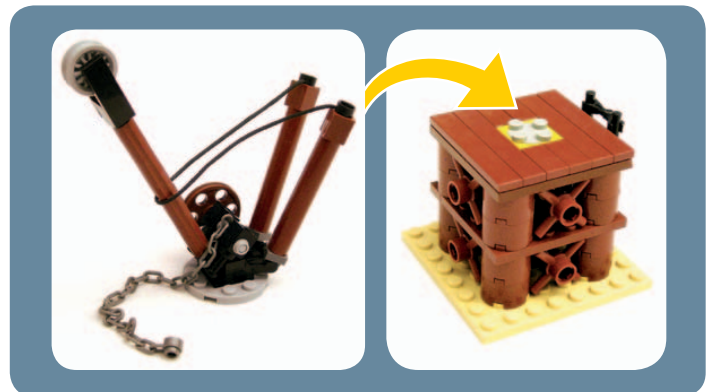
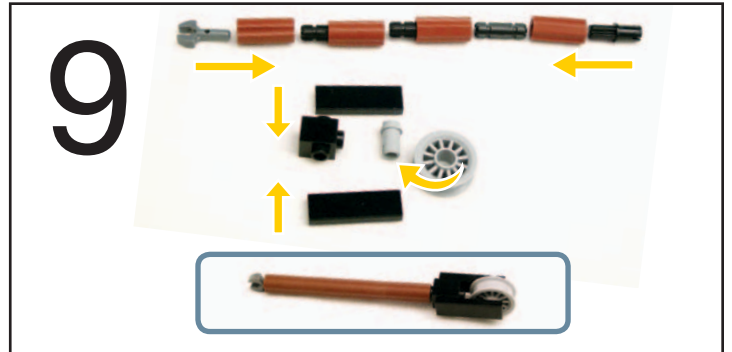
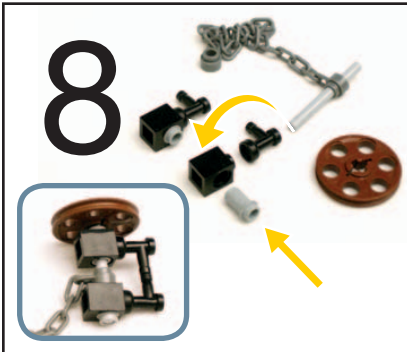
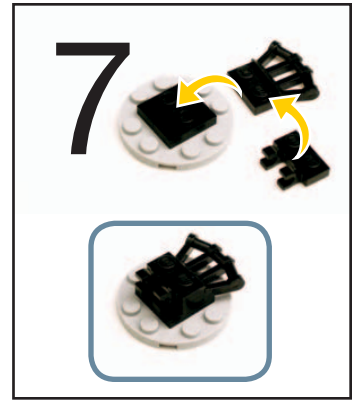
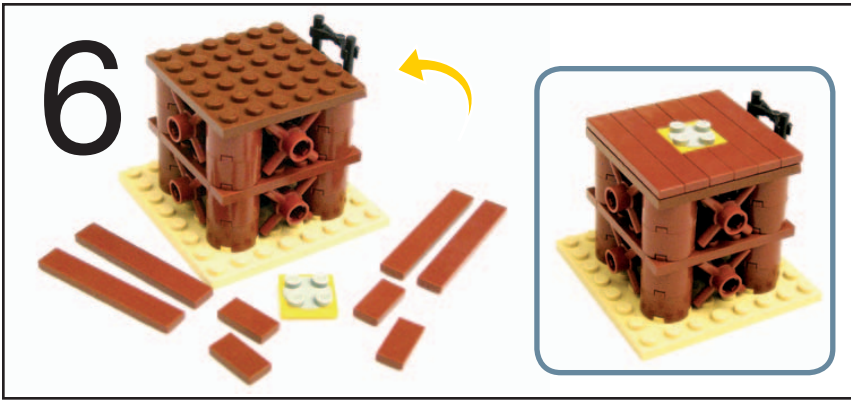
# Dock Crane



THIS CRANE BE A  
LITTLE COMPLICATED  
TO BUILD, MATEY.  
PAY CLOSE ATTENTION.









# Raiders Reef

ME BEAUTIFUL ISLAND HAS EVERYTHING A PIRATE NEEDS: A LOVELY BEACH WITH A SHIPWRECK OFF THE PORT SIDE, A DOCK AND CRANE TO UNLOAD SUPPLIES, AND CANNONS TO FEND OFF WOULD-BE INTRUDERS. ARRR!



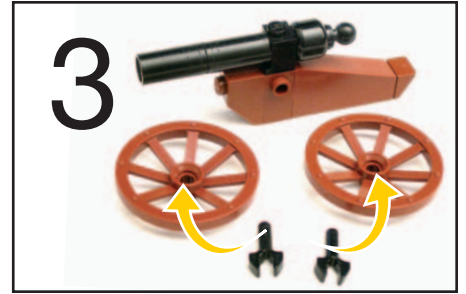
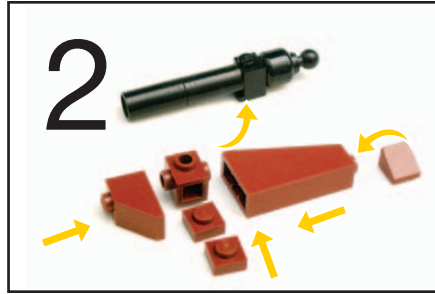
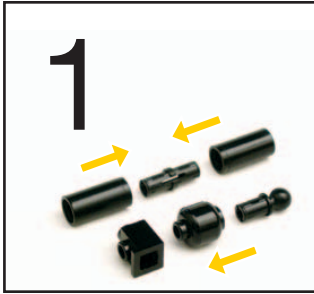
## BUILDING JOURNAL

Barney has a lot of cool details in his models, all well suited to a tropical island. His use of slopes to build up a rock face is a great way to landscape. Combining part of an old ship to make a deck and stairway gives it the ramshackle look of flotsom and jetsam. If I build a pirate island, I'll make sure it is made of objects that have washed ashore!

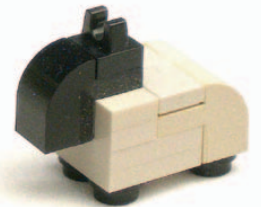




# Cannon



## Pirate Inspiration





# Row Boat



# Galleons



## ***BUILDING JOURNAL***

Barney's ships are amazing! He adds accent colors, like white and black, to break up the brown of the ship and add interest to what could otherwise be a plain area. The string rigging helps to hold the masts and spars up, and it makes the ship look much more realistic. The string is not official LEGO string, and Barney also made his own sails out of cloth. Maybe I'll try that!





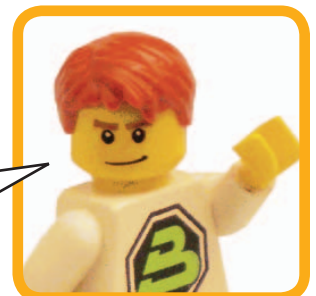


Megs, I have intercepted a transmission about a "royal mess." I think you can be of assistance. Beaming you there now!

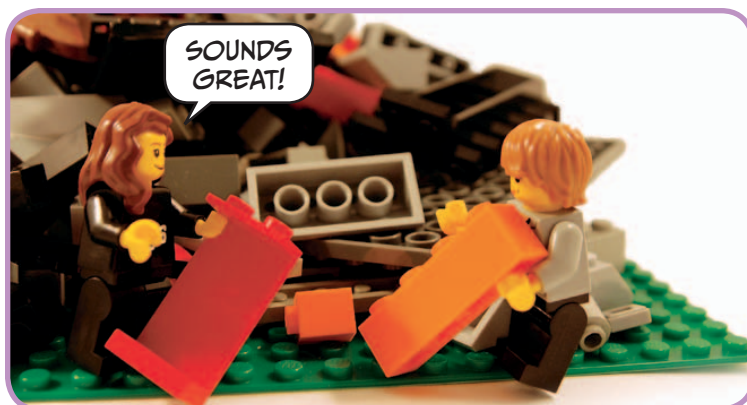
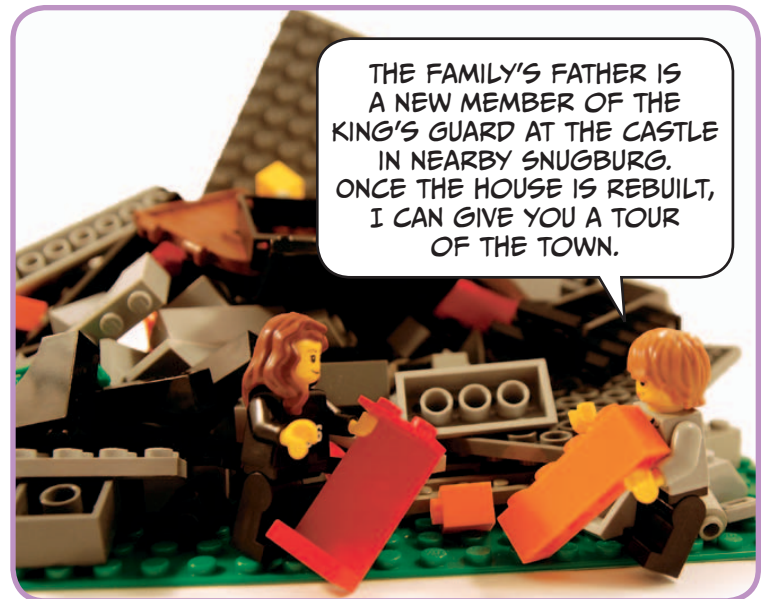
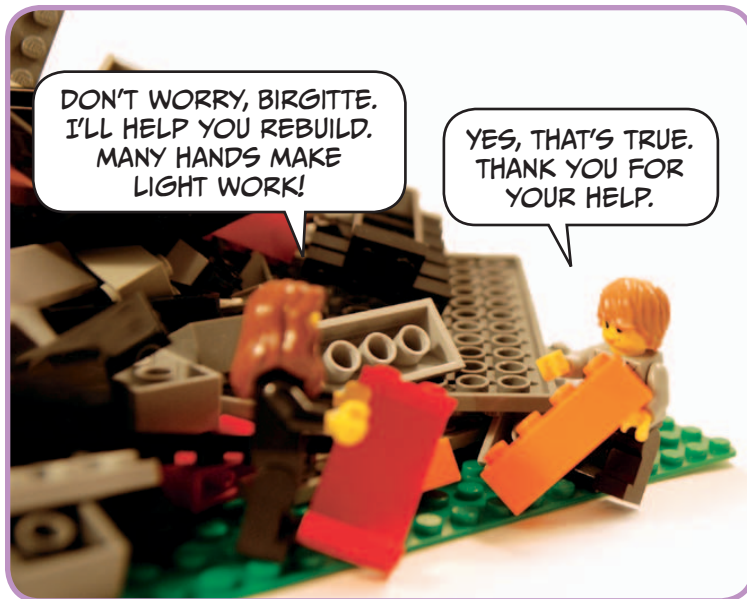
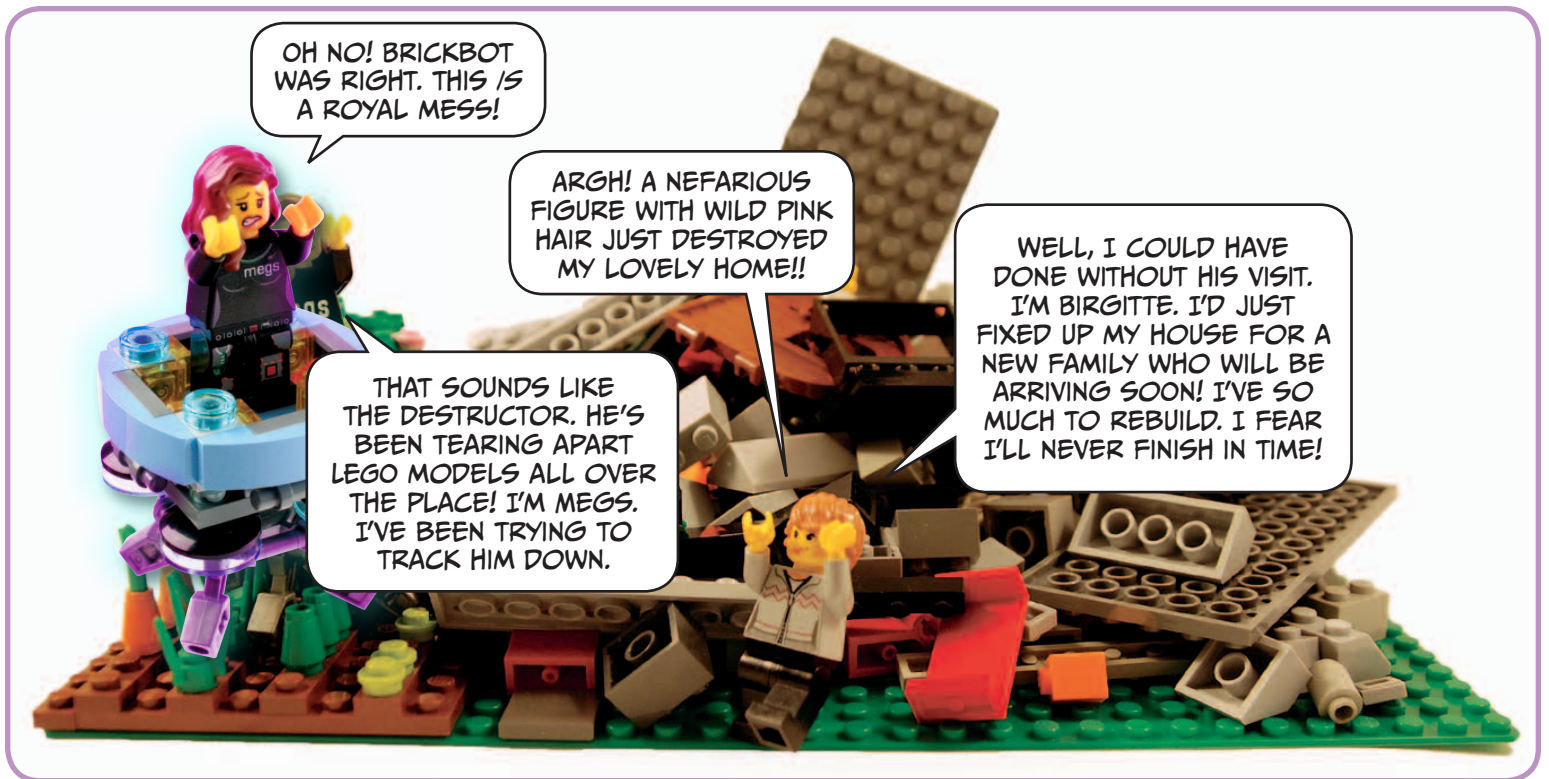


I'M ON IT, BRICKBOT.  
GOTTA GO, BARNEY.  
CHEERS FOR THE TOUR!

FAIR WINDS,  
ME BEAUTY!



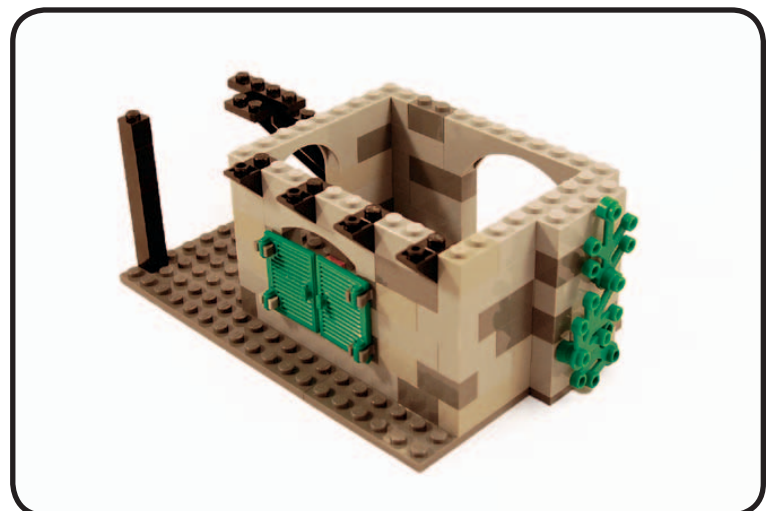
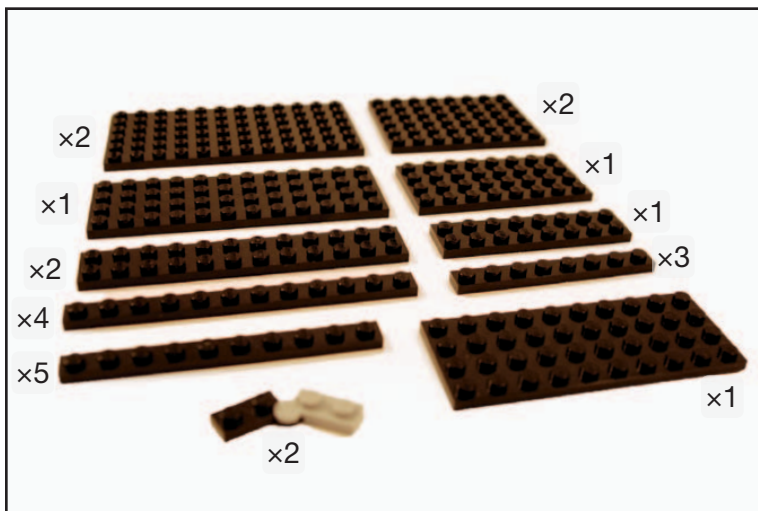
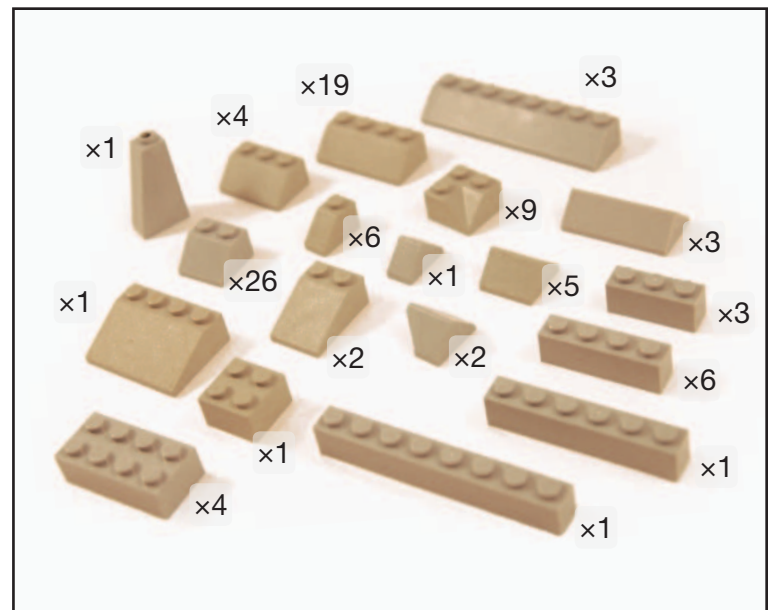
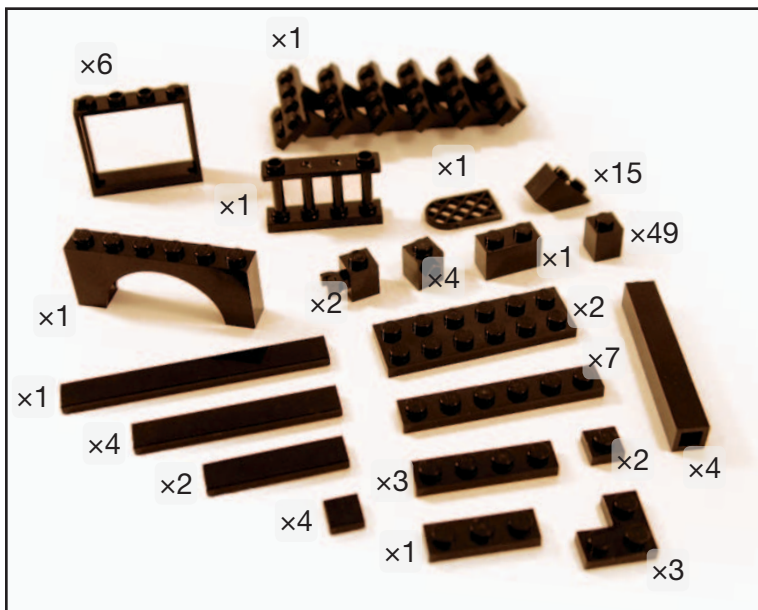
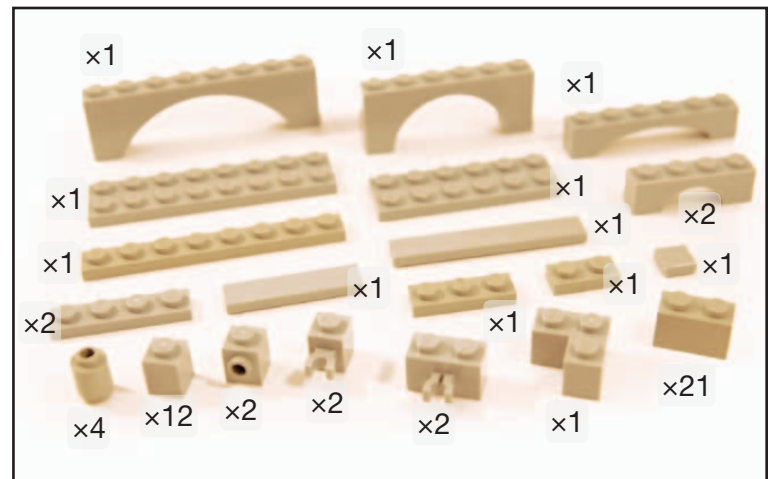
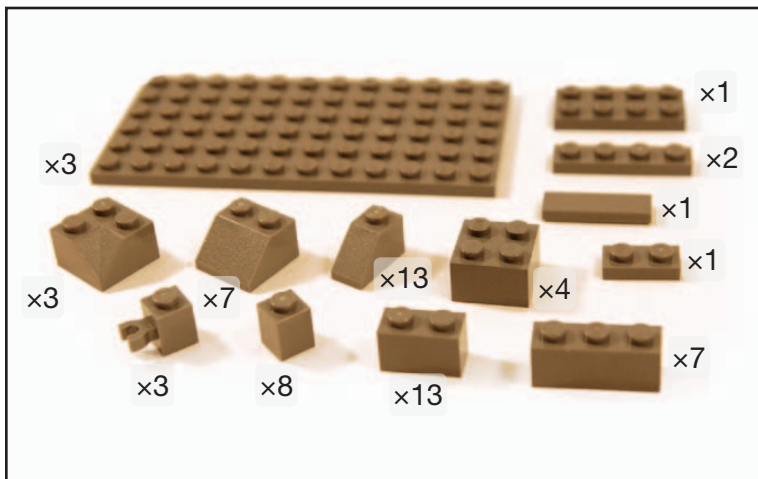




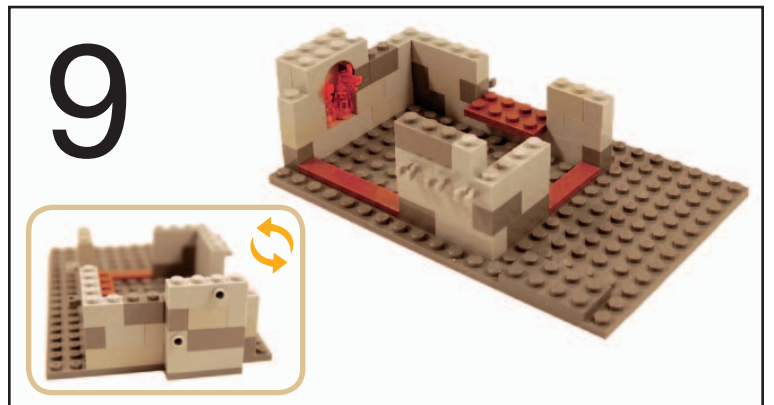
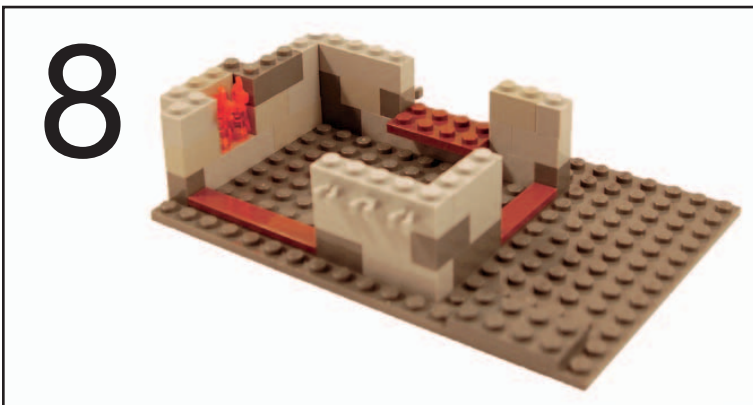
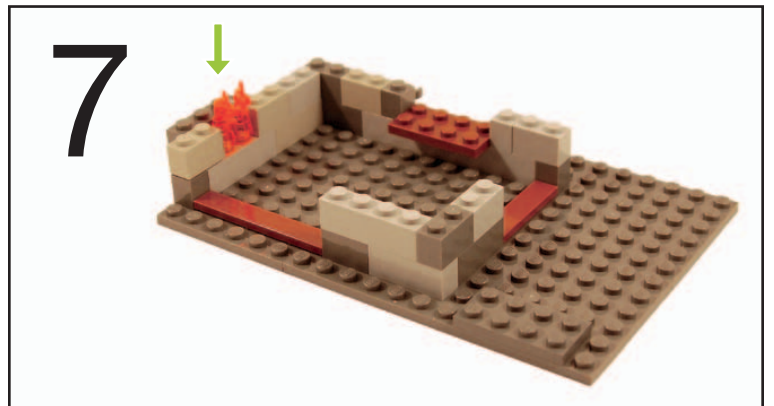
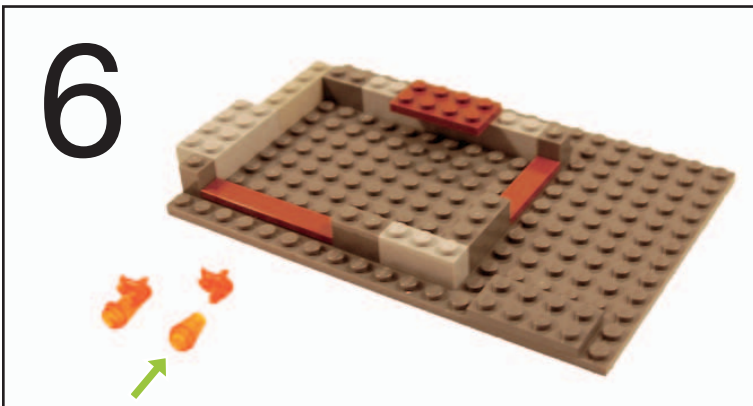
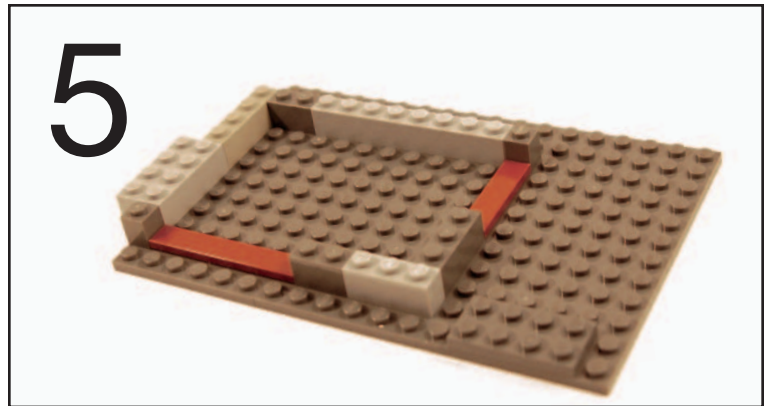
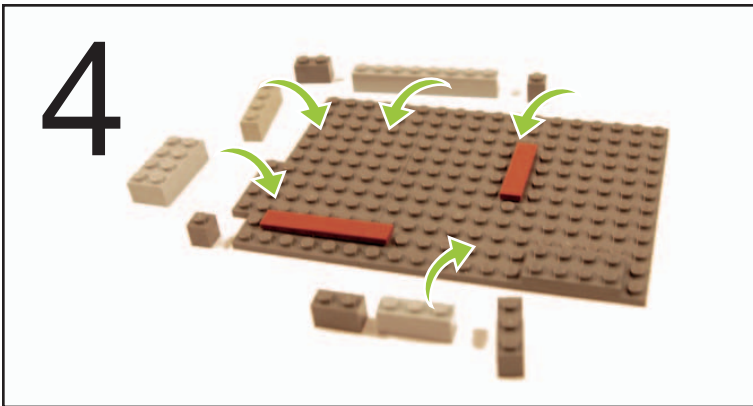
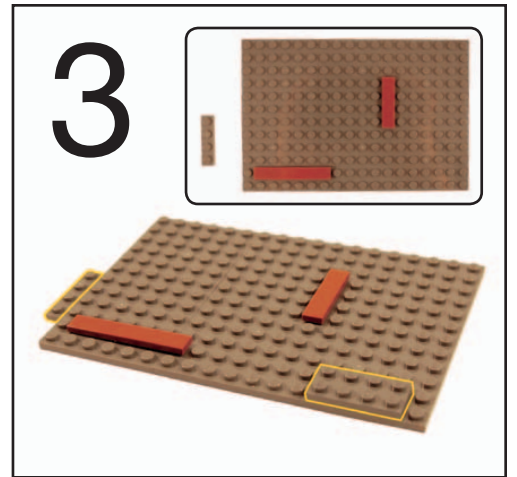
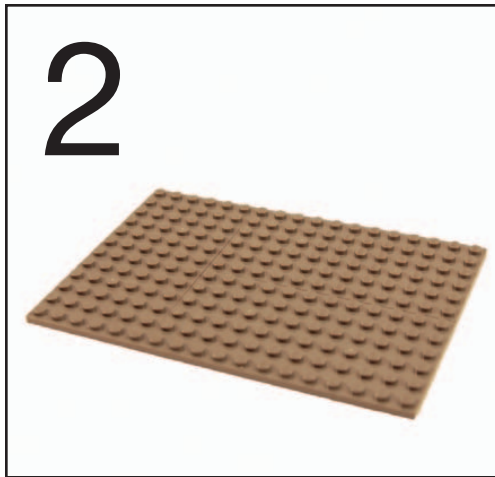
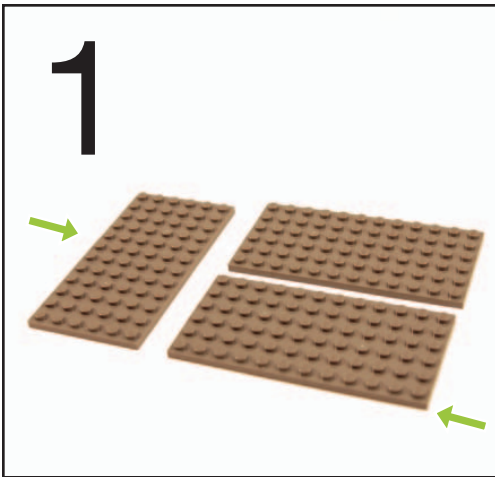






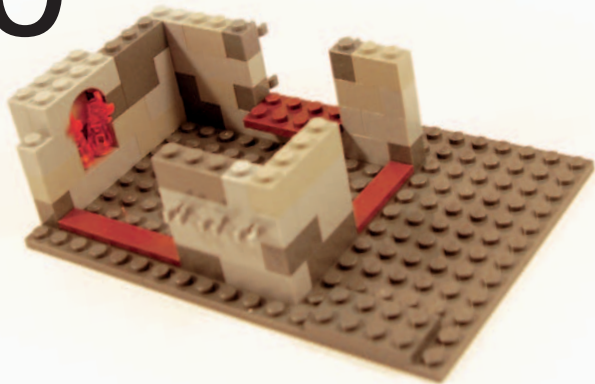




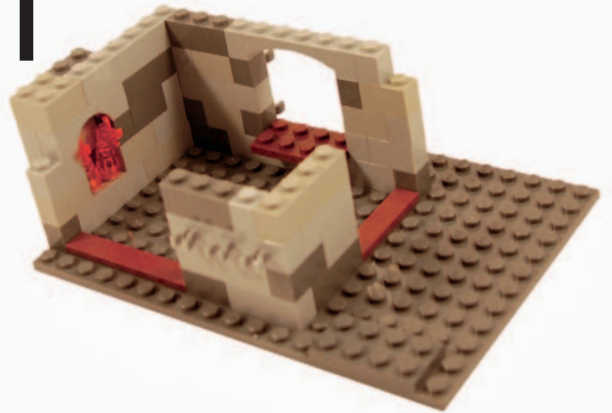




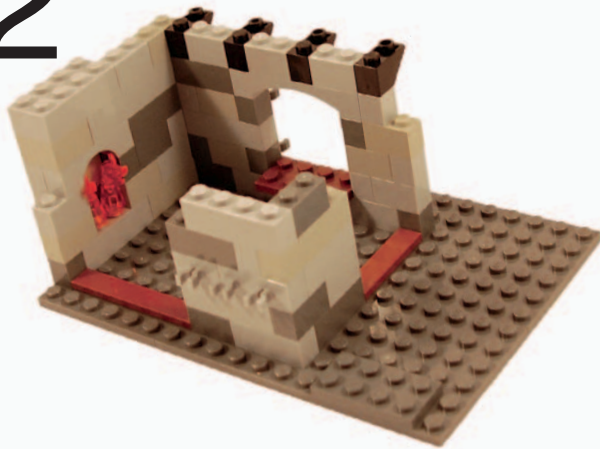
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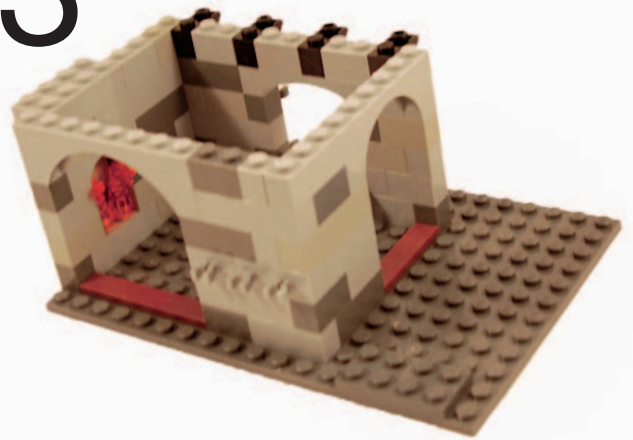
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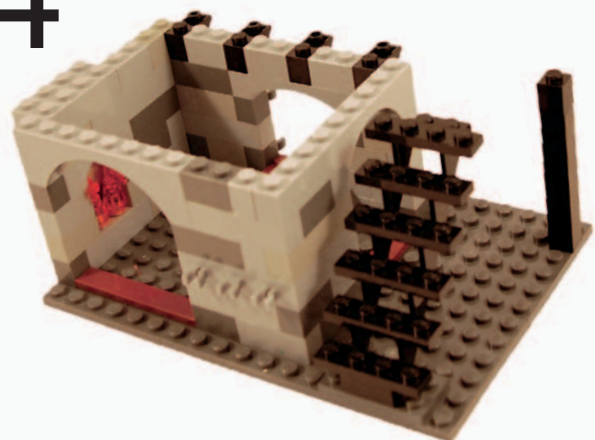
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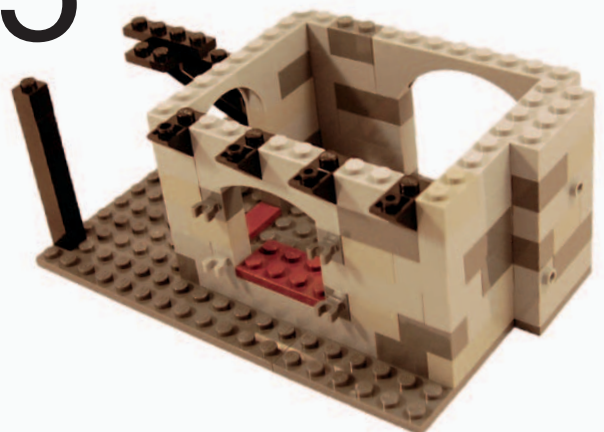
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14

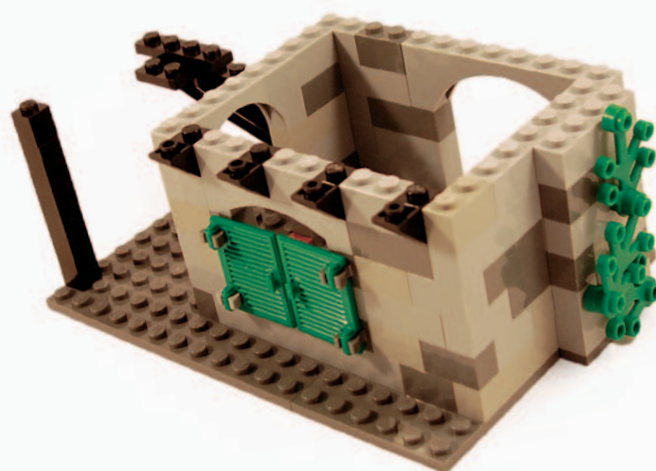
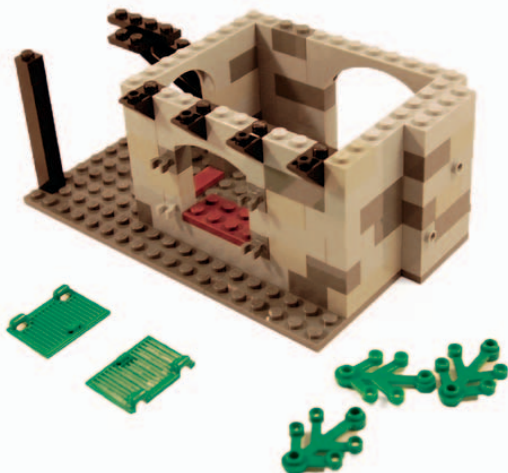


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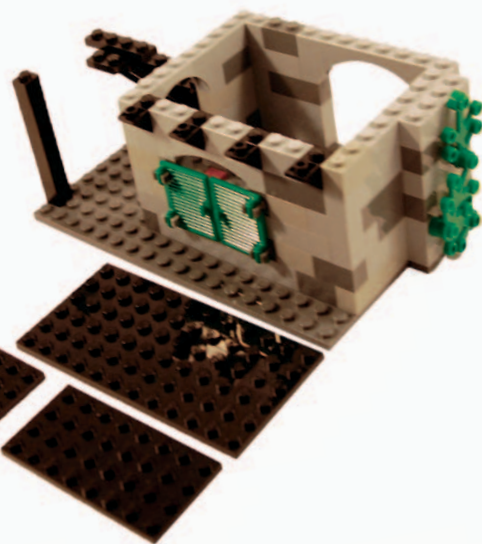




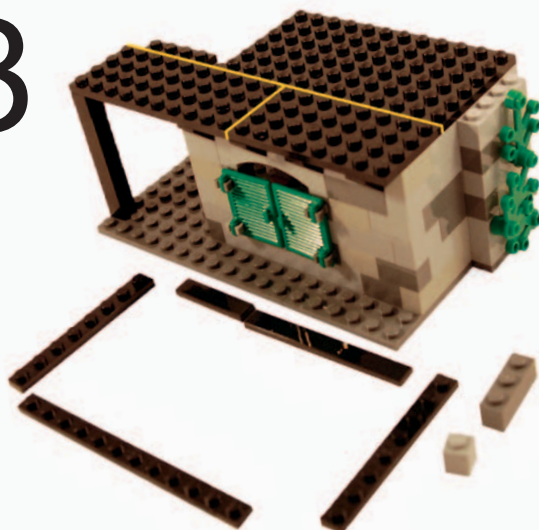
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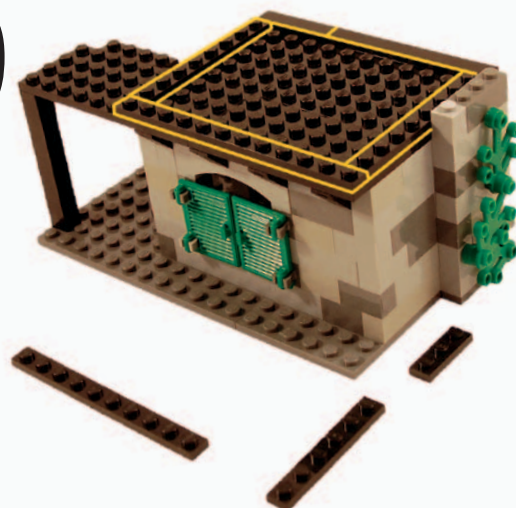
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18

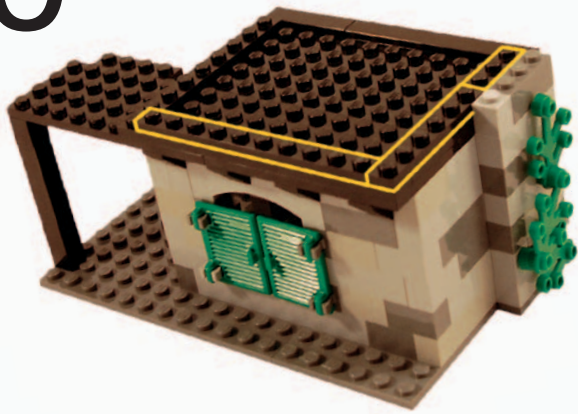


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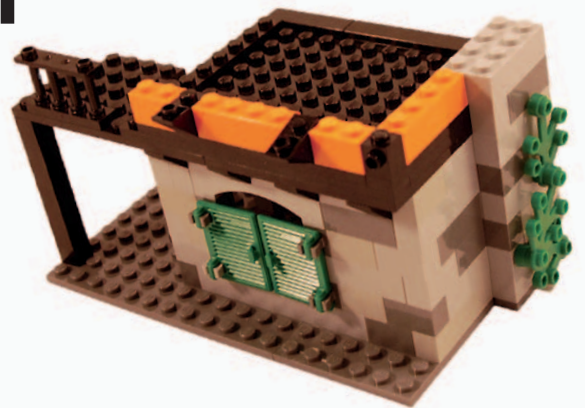




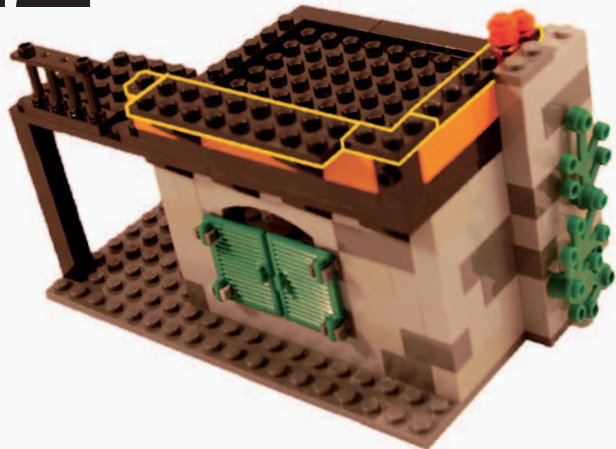
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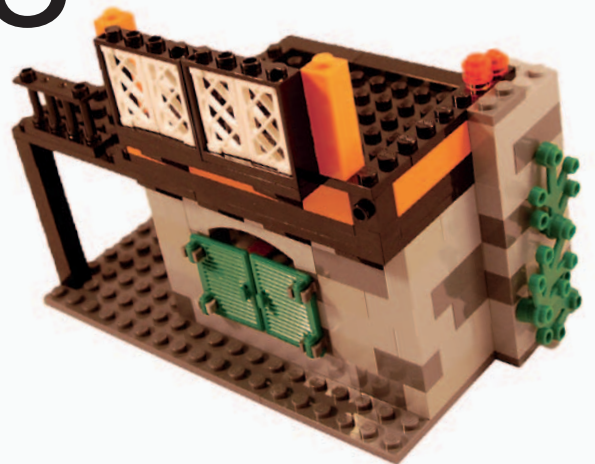
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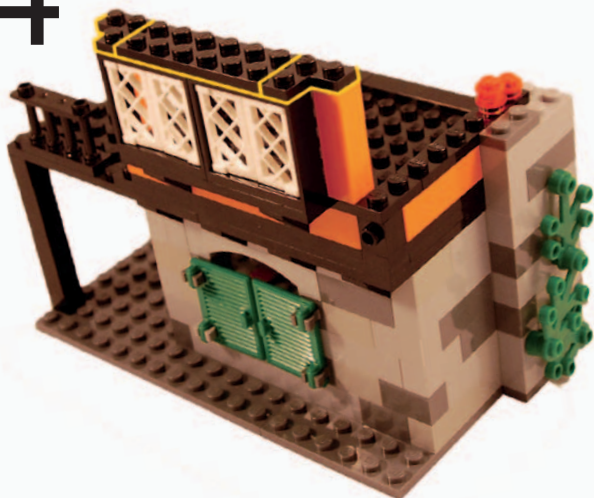
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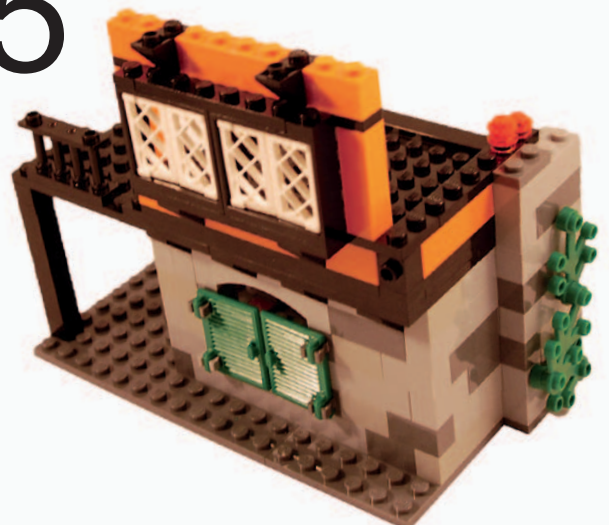
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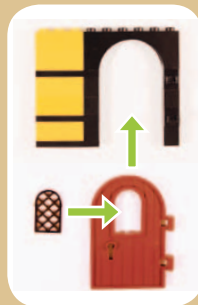
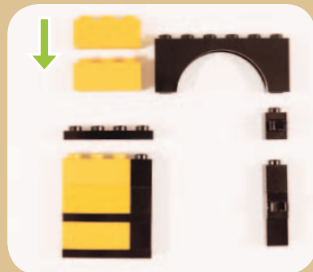
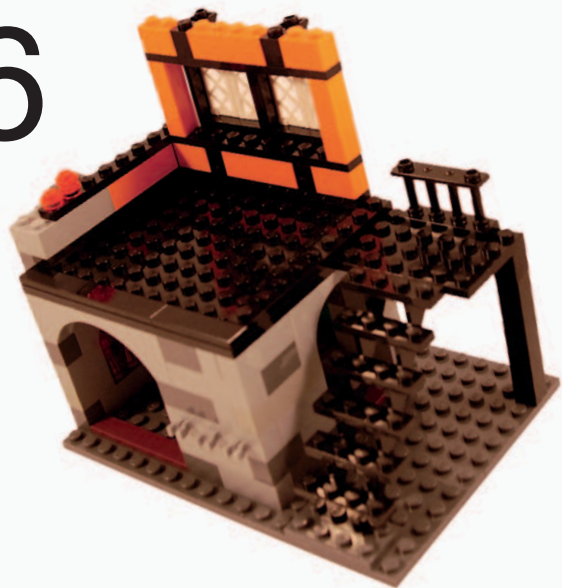


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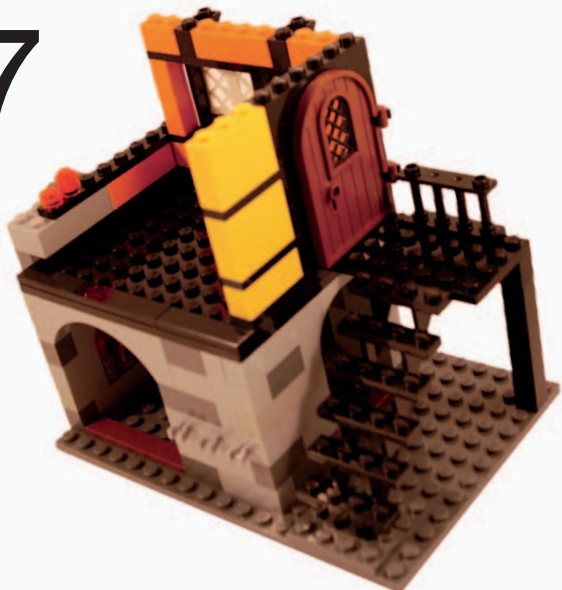




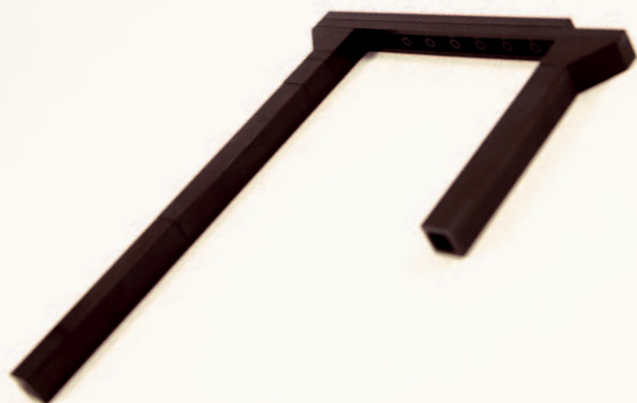
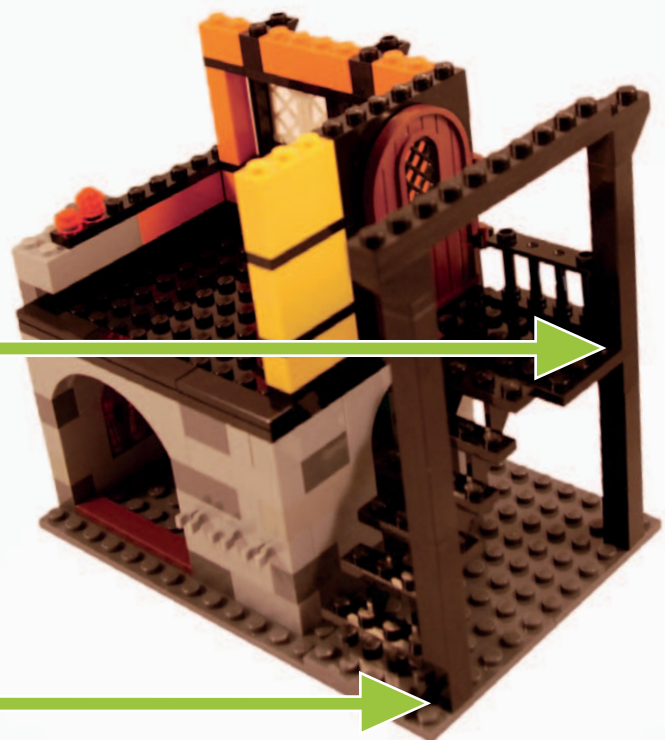
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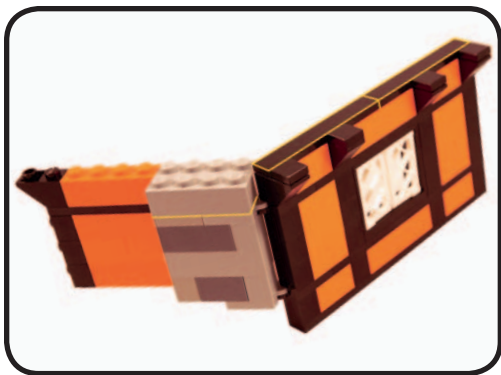
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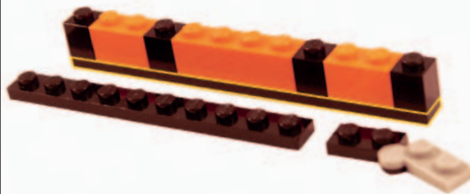
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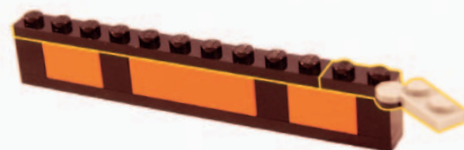




29



30



31



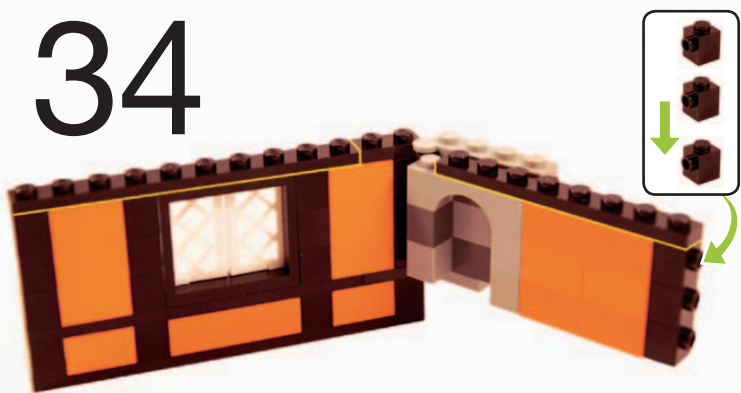
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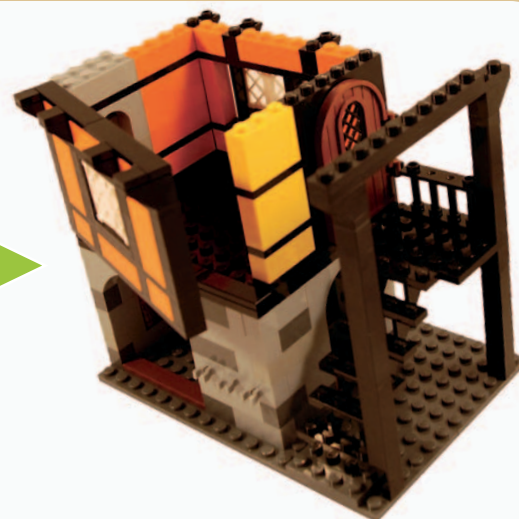
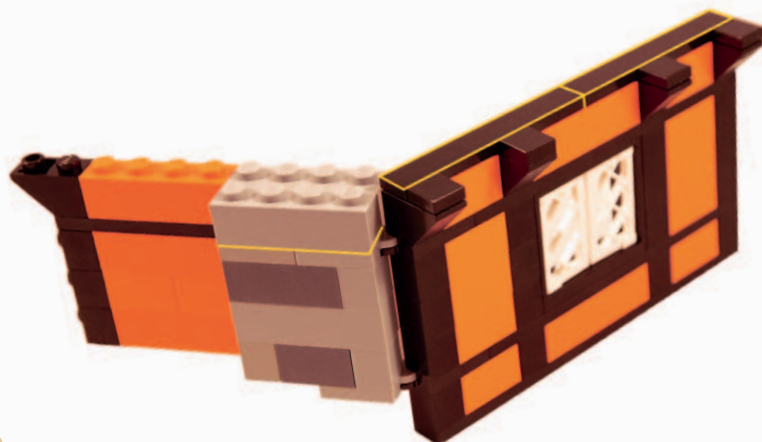
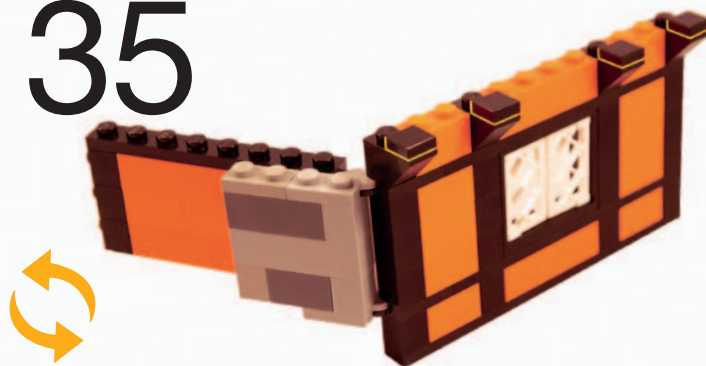
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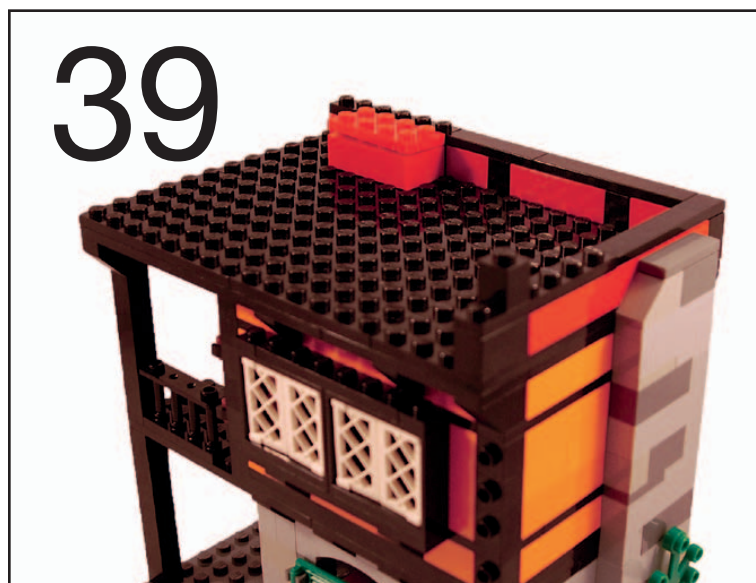
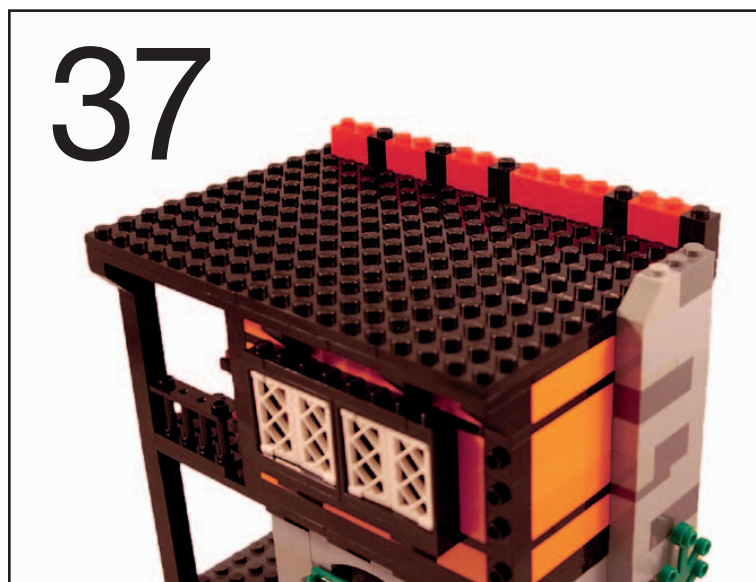
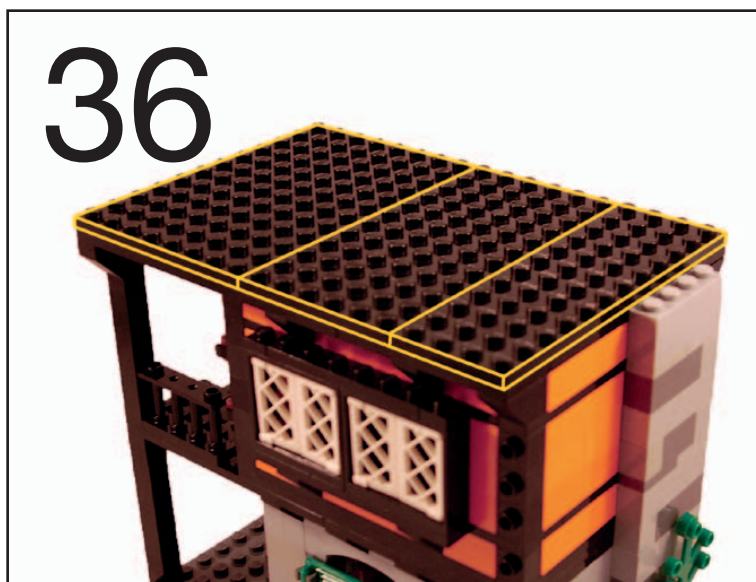
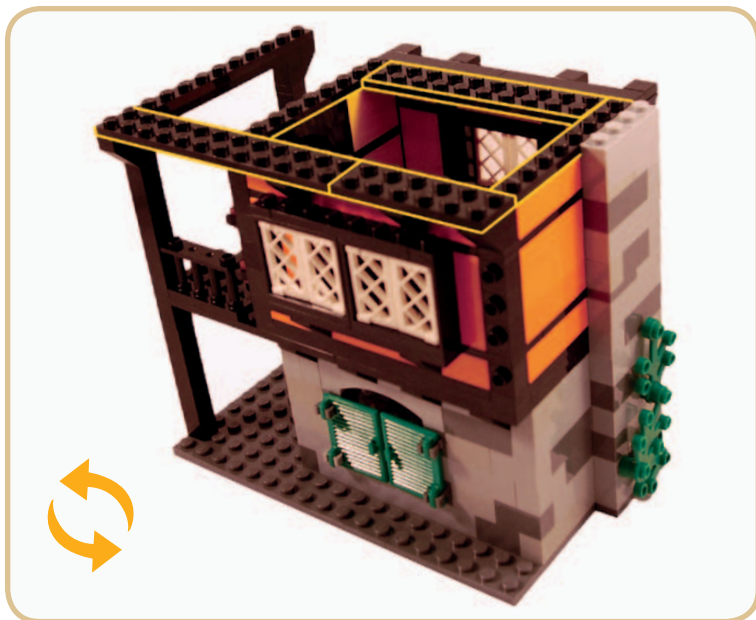
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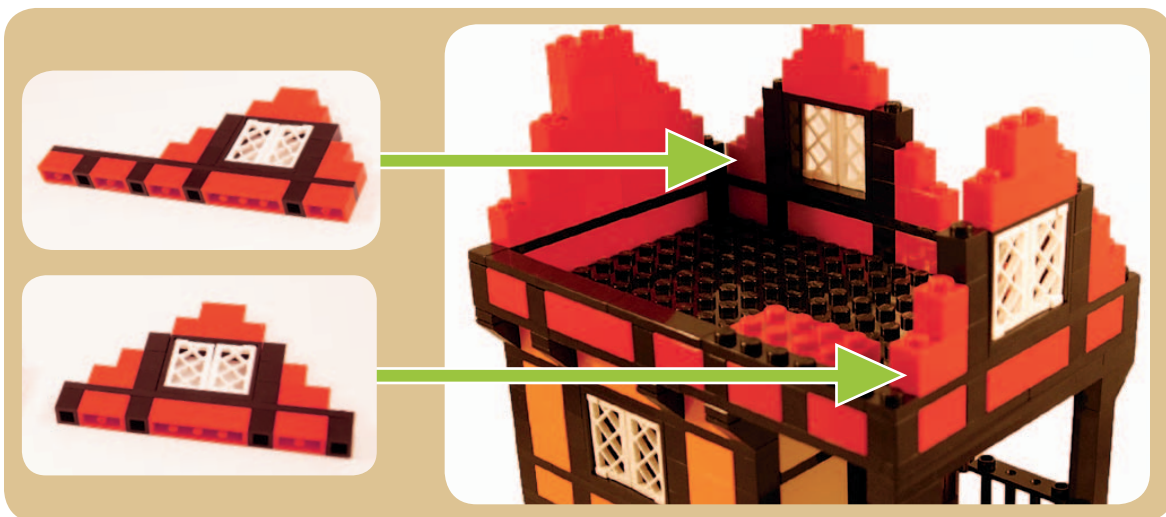
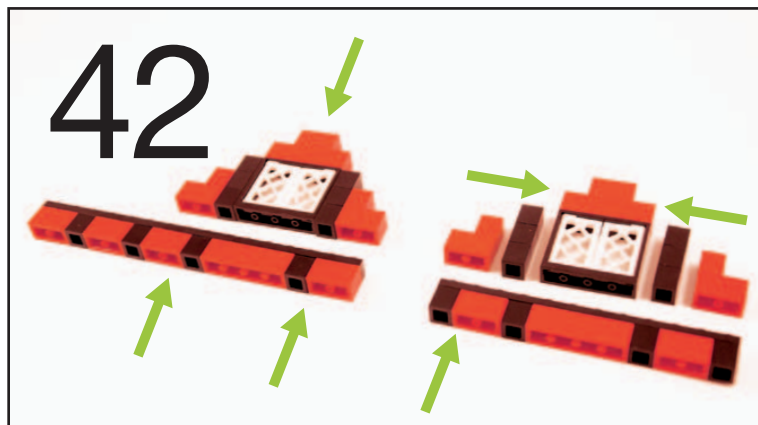
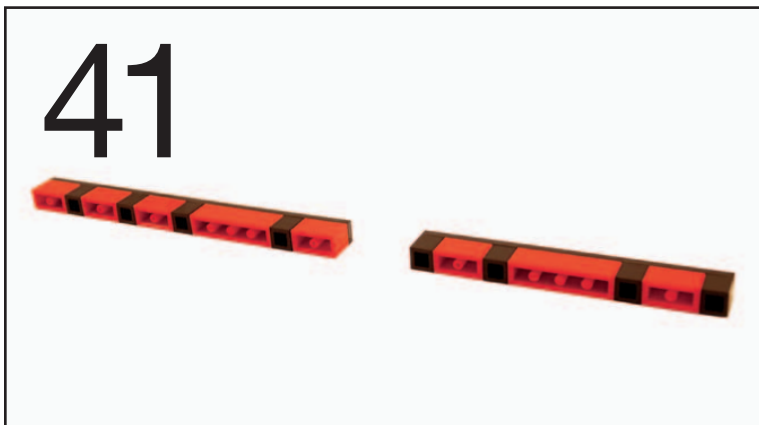
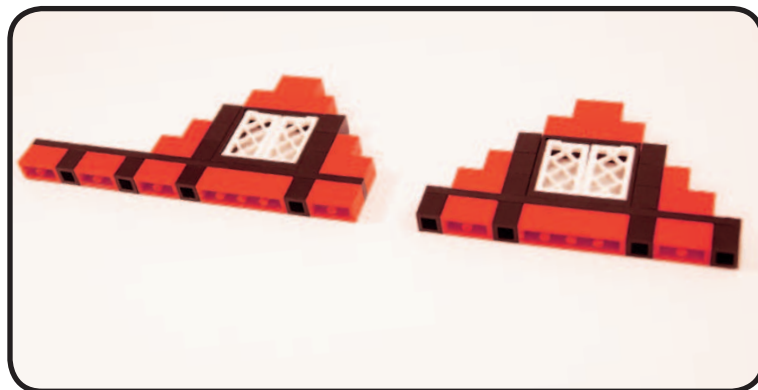
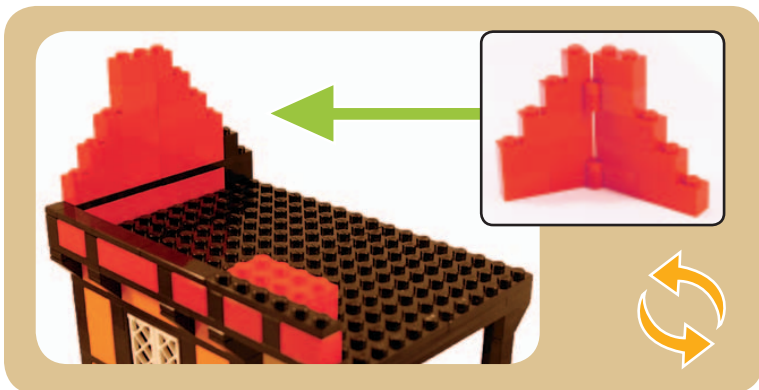
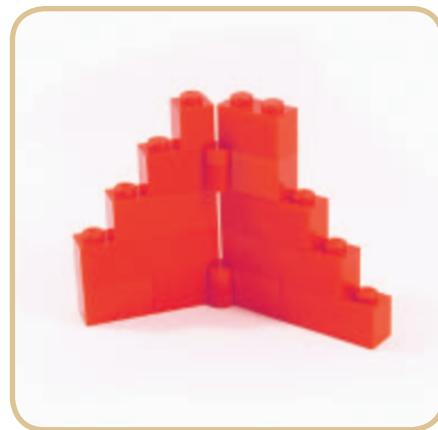
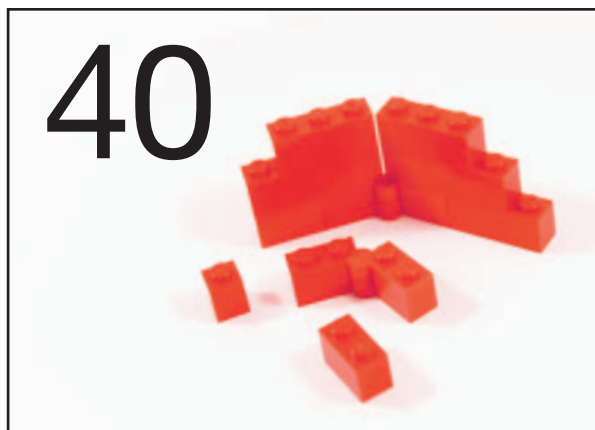
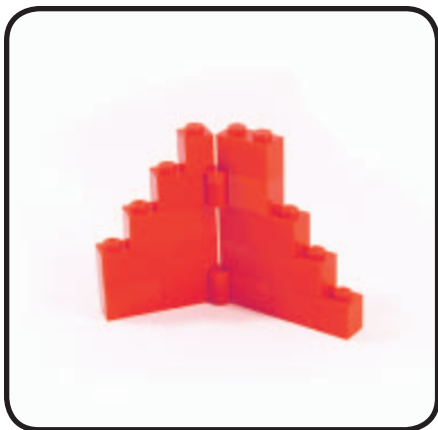
35







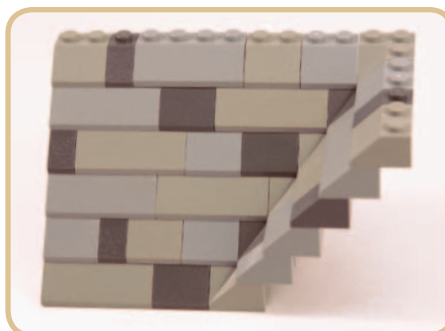
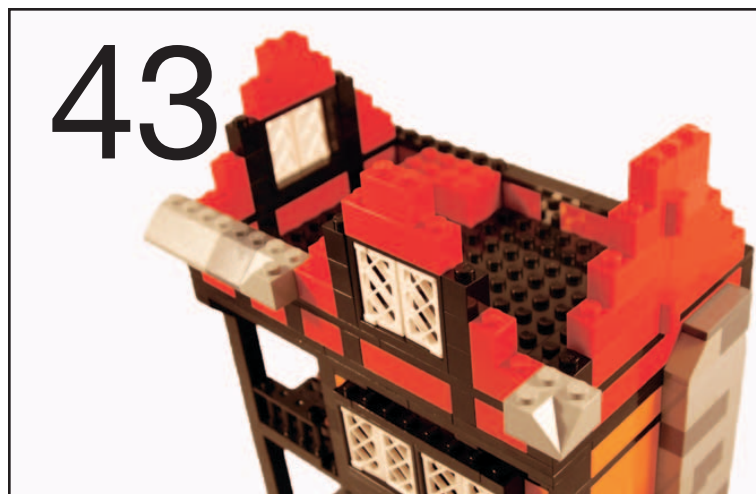
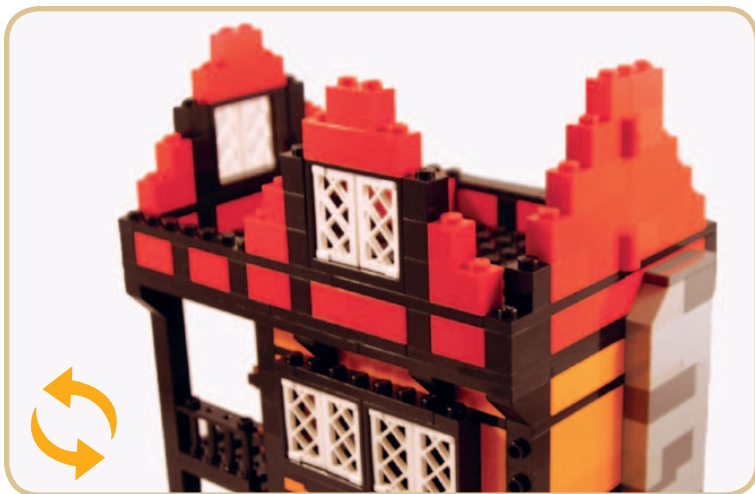




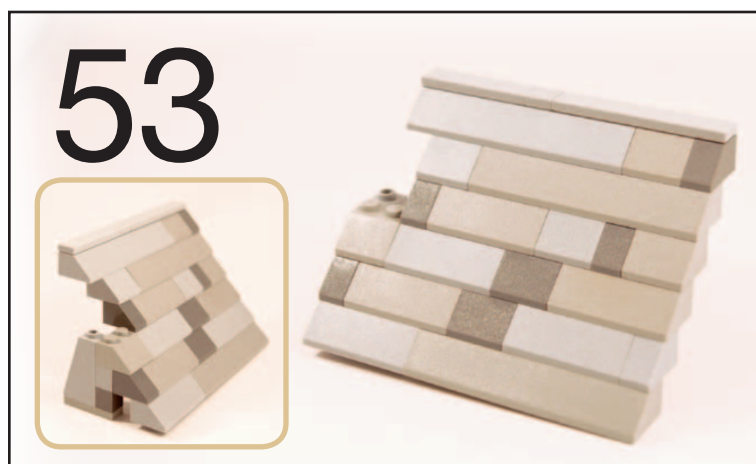
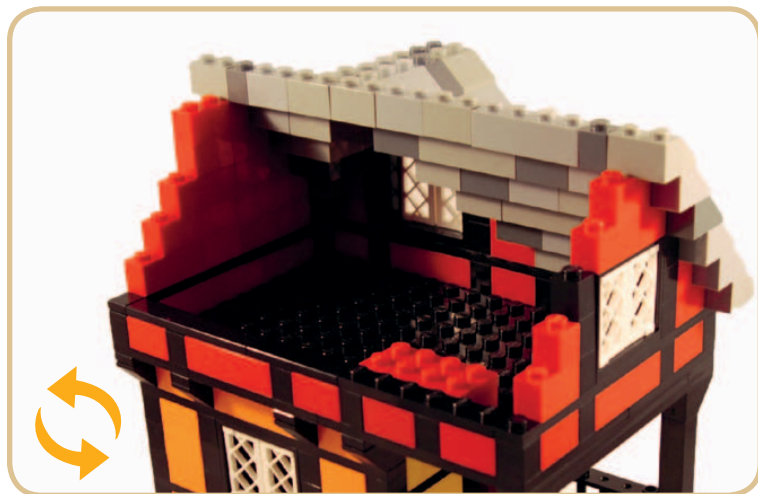
### Building Tip

Using black or brown bricks, you can create a gridded frame. Then you can fill the spaces with brighter colors—in this case, yellow, orange, and red. This produces a nice Tudor look.







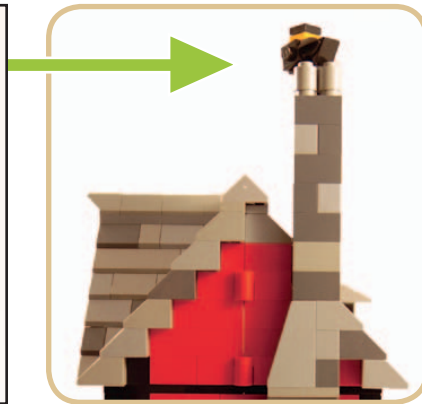






# 55

This image shows step 55 of a LEGO assembly. It features a collection of parts: a yellow beak, a black head, a black body, and a black tail. Green arrows indicate the assembly sequence. A separate inset shows the completed penguin head, which is black with a yellow beak and a black tail.



Before you start building, it might help to sketch your ideas on paper to work out space and perspective.



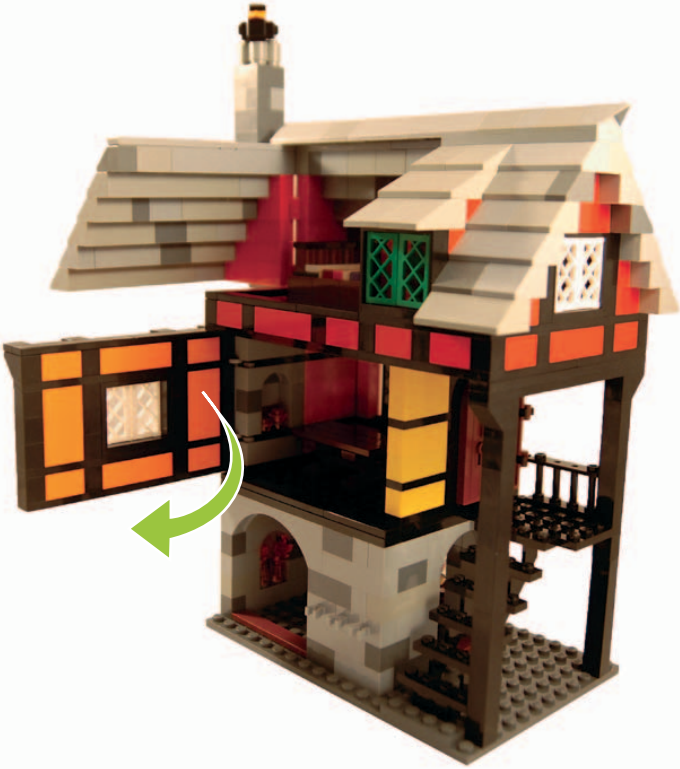




MY HOUSE FEATURES SIDES THAT OPEN. THIS BUILDING DOESN'T HAVE TO BE A HOUSE. BY CHANGING THE INTERIOR, YOU CAN MAKE IT ANYTHING YOU WISH: A BAKERY, A BUTCHER'S SHOP, A SMITHY, OR A TAVERN.

### Building Tip

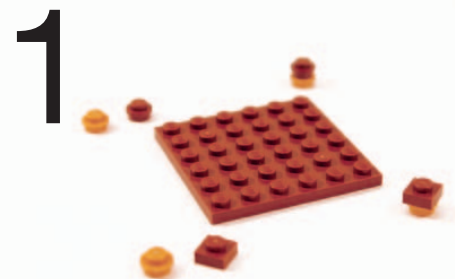
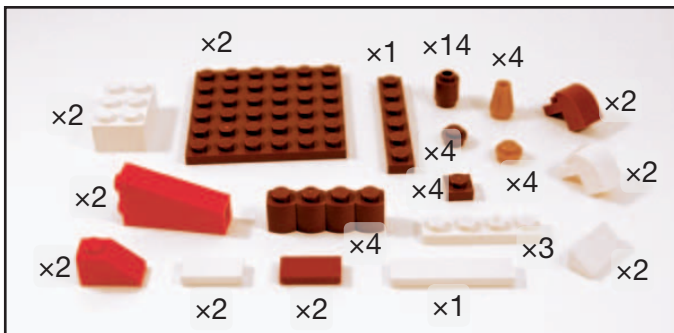
When building a house, it is nice to include a wall or two that can open, so you can easily place furniture and minifigures inside.



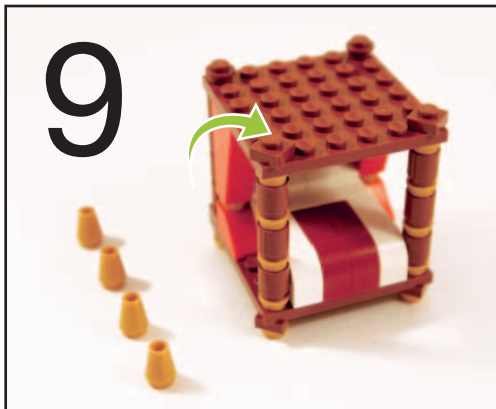
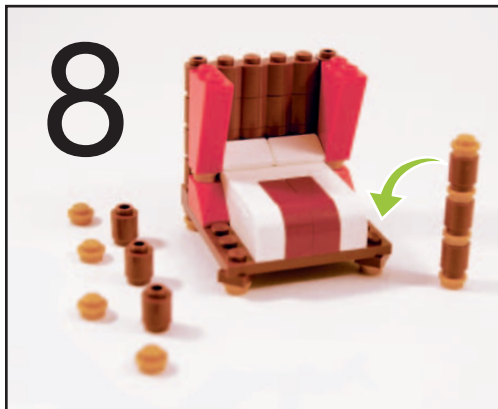
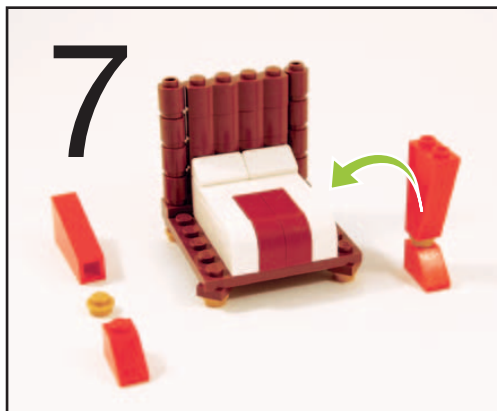
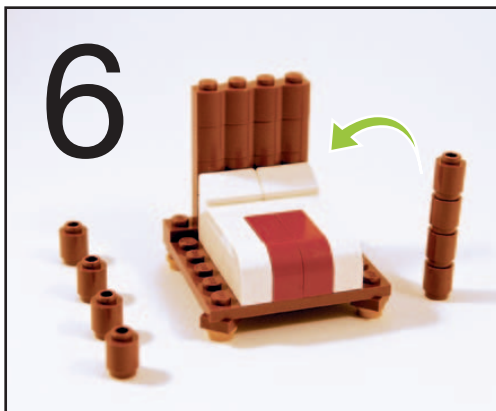
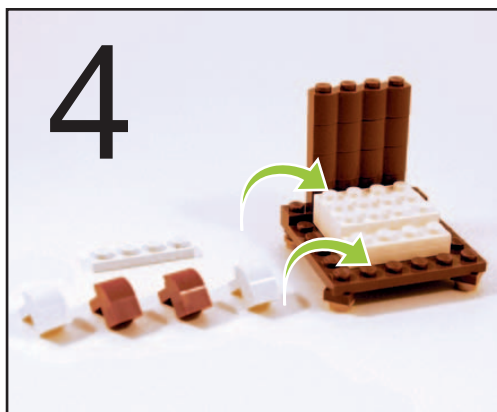
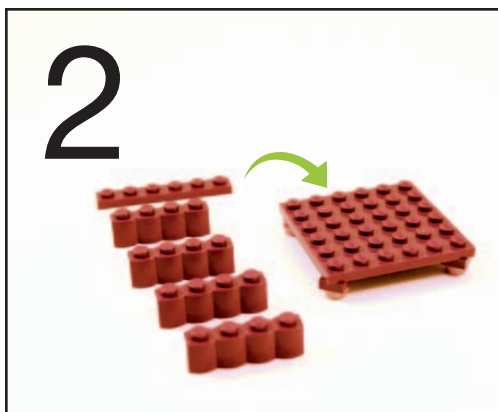
ONCE YOU HAVE BUILT YOUR HOUSE, ADD SOME FURNITURE TO COMPLETE IT.



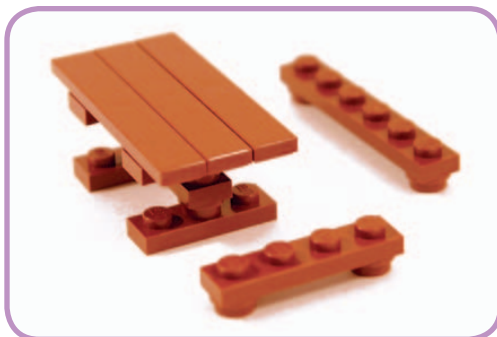
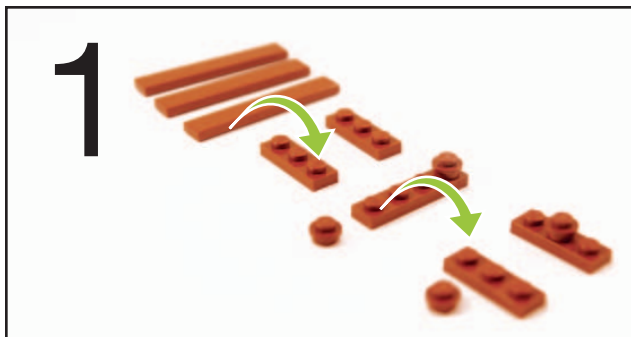
## Four-Poster Bed





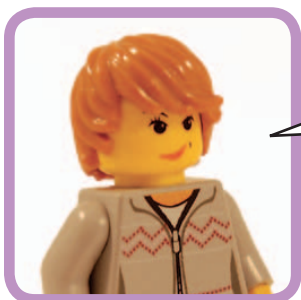
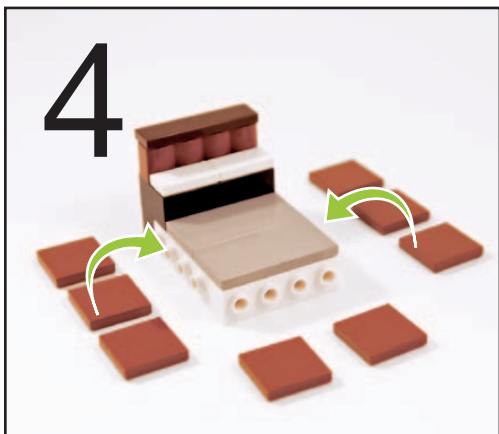
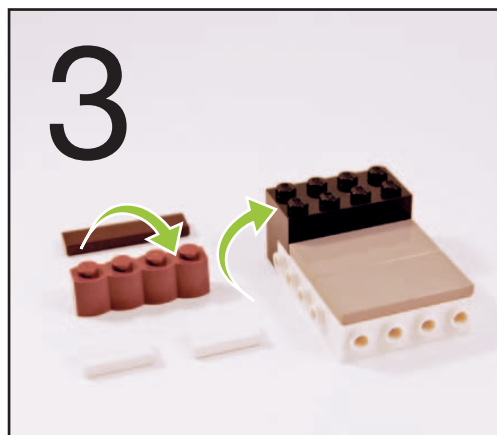
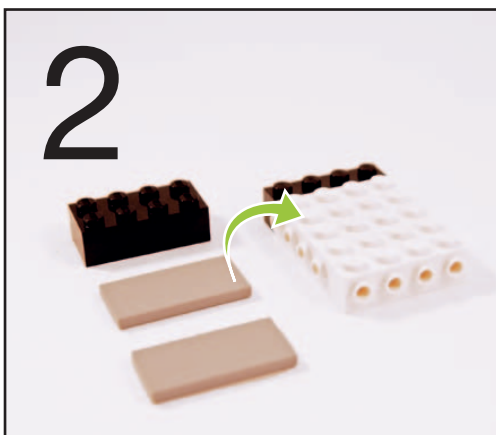
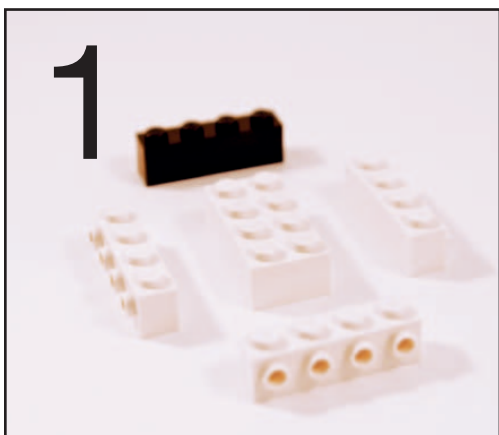
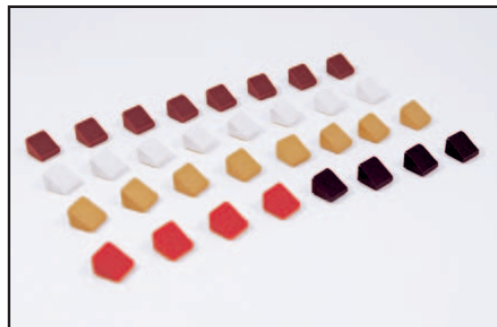
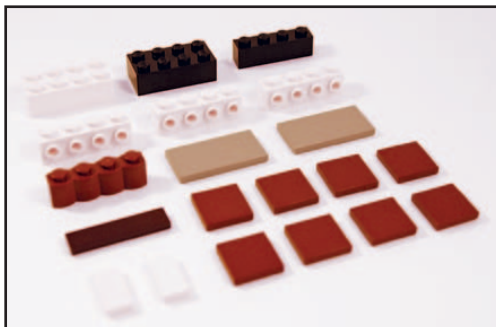


## Dining Table



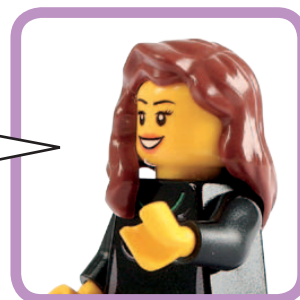


# Quilt Bed



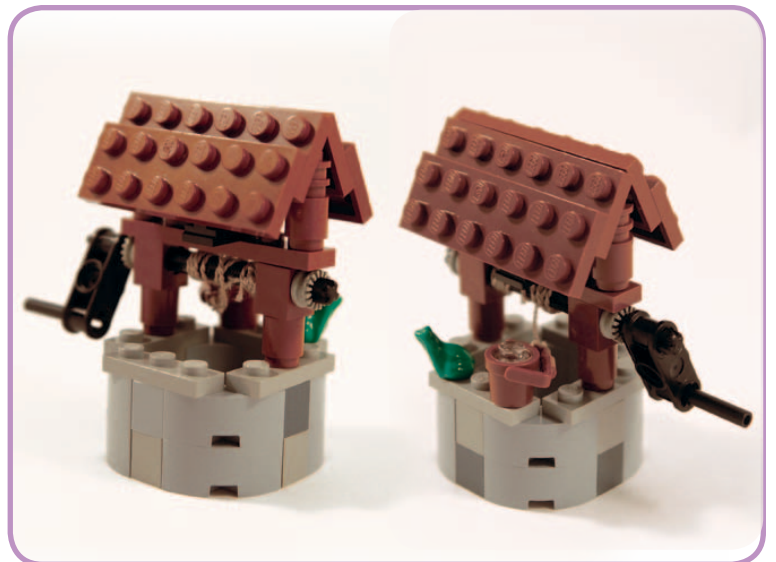
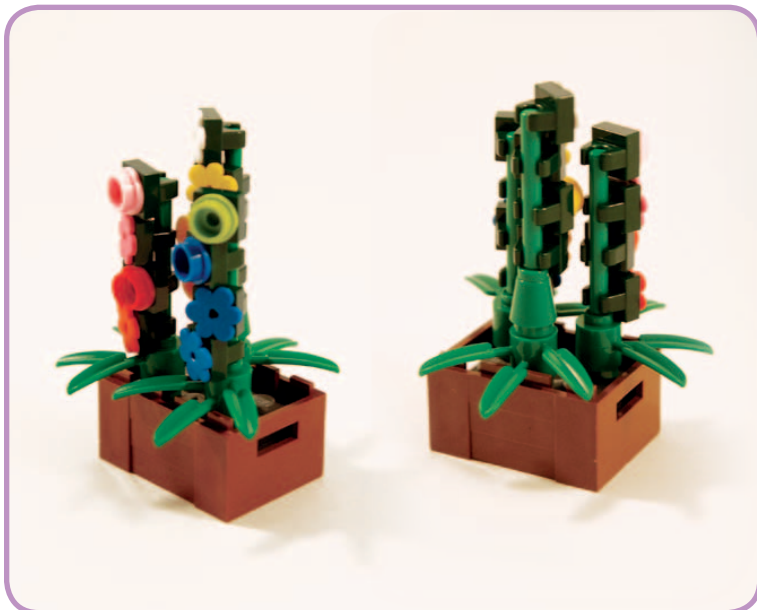
I'VE AN IDEA! LET'S ADD A GARDEN AND MAKE THINGS NICE FOR THE NEW FAMILY.

GOOD THINKING! WHY DON'T WE START WITH SOME OF YOUR PLANTS AND TREES?





# In the Garden







THERE, THAT LOOKS MUCH BETTER! JUST IN TIME. YOU GO HIDE, MEGS, AND I'LL CHANGE INTO PERIOD DRESS SO THE NEW FAMILY DOESN'T GET CONFUSED.





### Building Tip

Flowers and plants really brings a LEGO display to life. It only takes a few brightly colored LEGO bricks to build some plants, and an old barrel or crate can make a nice planter box for them.



# Snugburg



WELCOME TO SNUGBURG!  
THERE IS A LOT GOING ON  
HERE. EACH SIDE OF TOWN  
TELLS A DIFFERENT STORY.



## Building Tip

When building a town or other large LEGO structure, the best way to keep a coherent look is to repeat design features in several places. This will prevent things from becoming too chaotic and give your model a cleaner look.









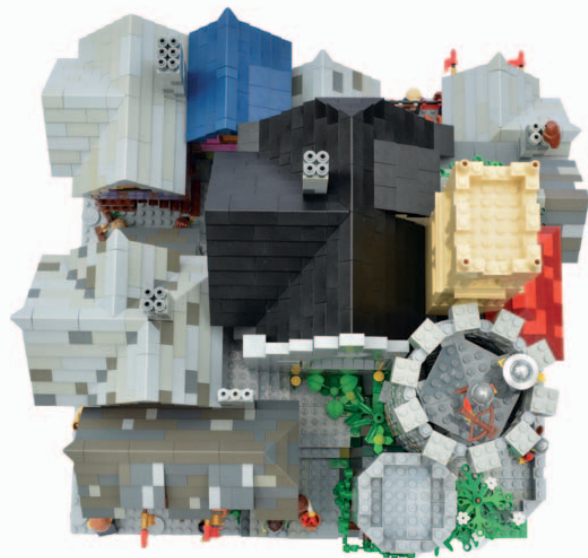
# Life in Snugburg





## BUILDING JOURNAL

I really enjoyed meeting Birgitte and seeing her brilliant models! Her use of bright colors with more muted black and brown timber framing creates a medieval look that's fun and whimsical. She told me how she likes to build scenes and create stories for her minifigures. This brings them to life. Snugburg is cleverly built on a single 48×48 stud LEGO base plate and is a great example of how you can build an entire city incorporating different looks into each side within a condensed space. The stonework of the castle blends seamlessly into the Tudor buildings. I should keep these techniques in mind for the next addition to my Idea Lab!



### Building Tip

You can group colors—for example, warm colors like yellow, orange, red, and brown or cold colors like blues and purples. Or you can contrast them, as Birgitte has, to make parts of your model stand out.



WOW, SNUGBURG LOOKS LIKE A REALLY FUN PLACE TO LIVE! BUT I HAVE TO GET BACK ON THE TRAIL OF THE DESTRUCTOR NOW. THANKS FOR SHOWING ME AROUND, BIRGITTE!

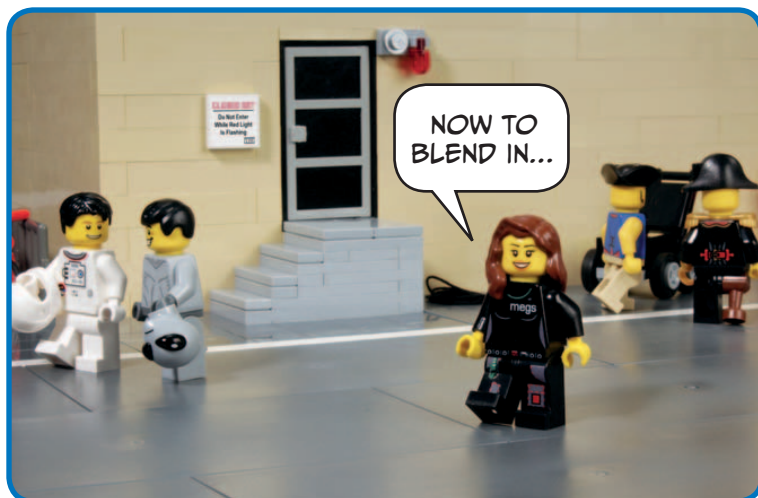
YOU ARE MOST WELCOME, MEGS. IT WAS MY PLEASURE. GOOD LUCK APPREHENDING THAT MAD DESTRUCTOR!



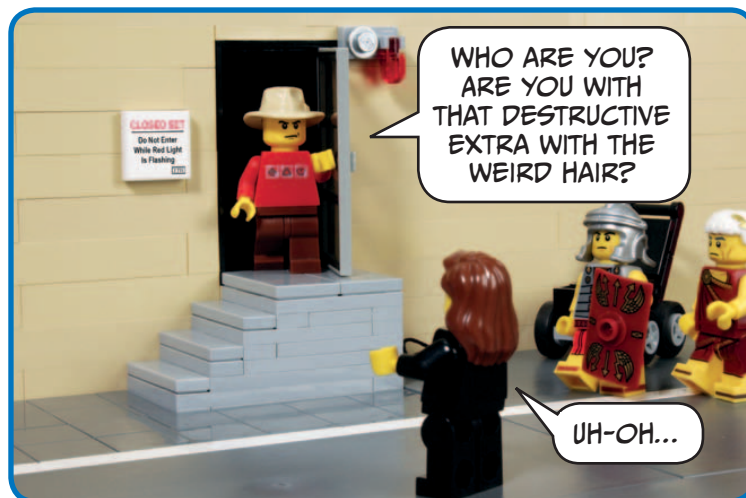




WHOA, WHAT IS THIS PLACE? HMM...NO SIGN OF ANY DESTRUCTION, I'D BETTER STASH MY TRANSPORT-O-LUX AND INVESTIGATE.

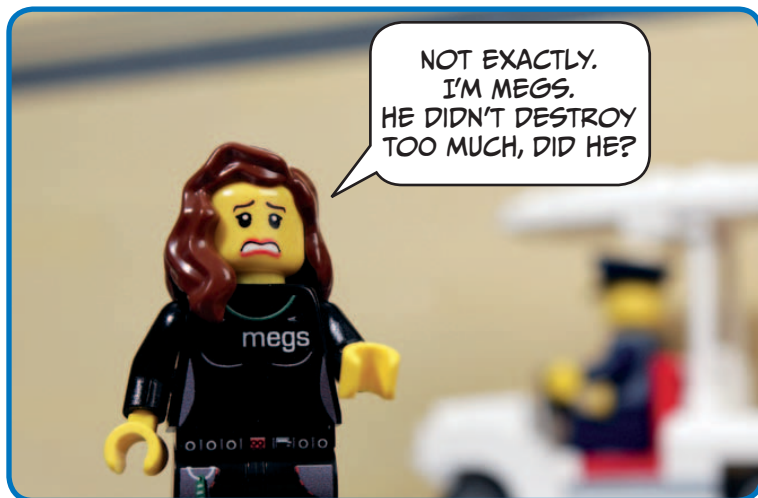


NOW TO BLEND IN...

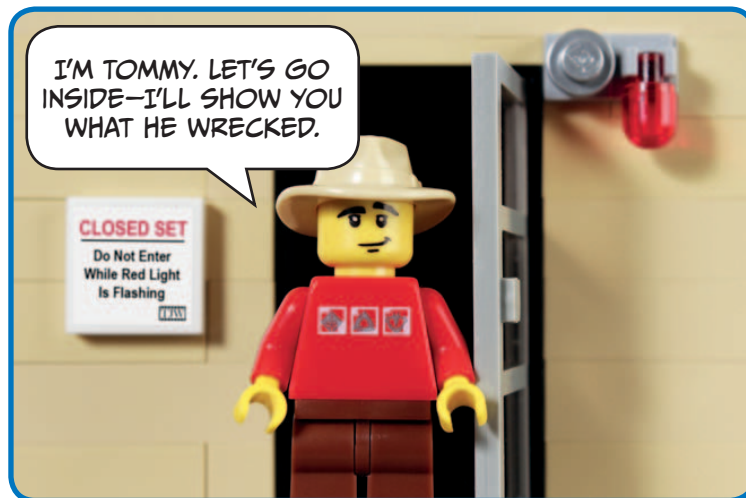


WHO ARE YOU? ARE YOU WITH THAT DESTRUCTIVE EXTRA WITH THE WEIRD HAIR?

UH-OH...



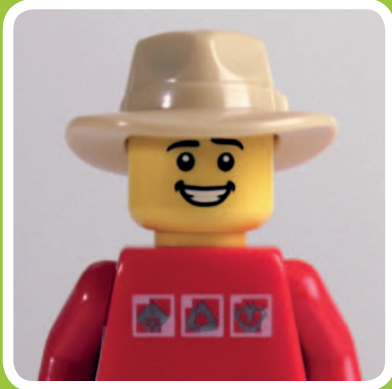
NOT EXACTLY. I'M MEGS. HE DIDN'T DESTROY TOO MUCH, DID HE?



I'M TOMMY. LET'S GO INSIDE—I'LL SHOW YOU WHAT HE WRECKED.



# On Set: STAR CLUTCH



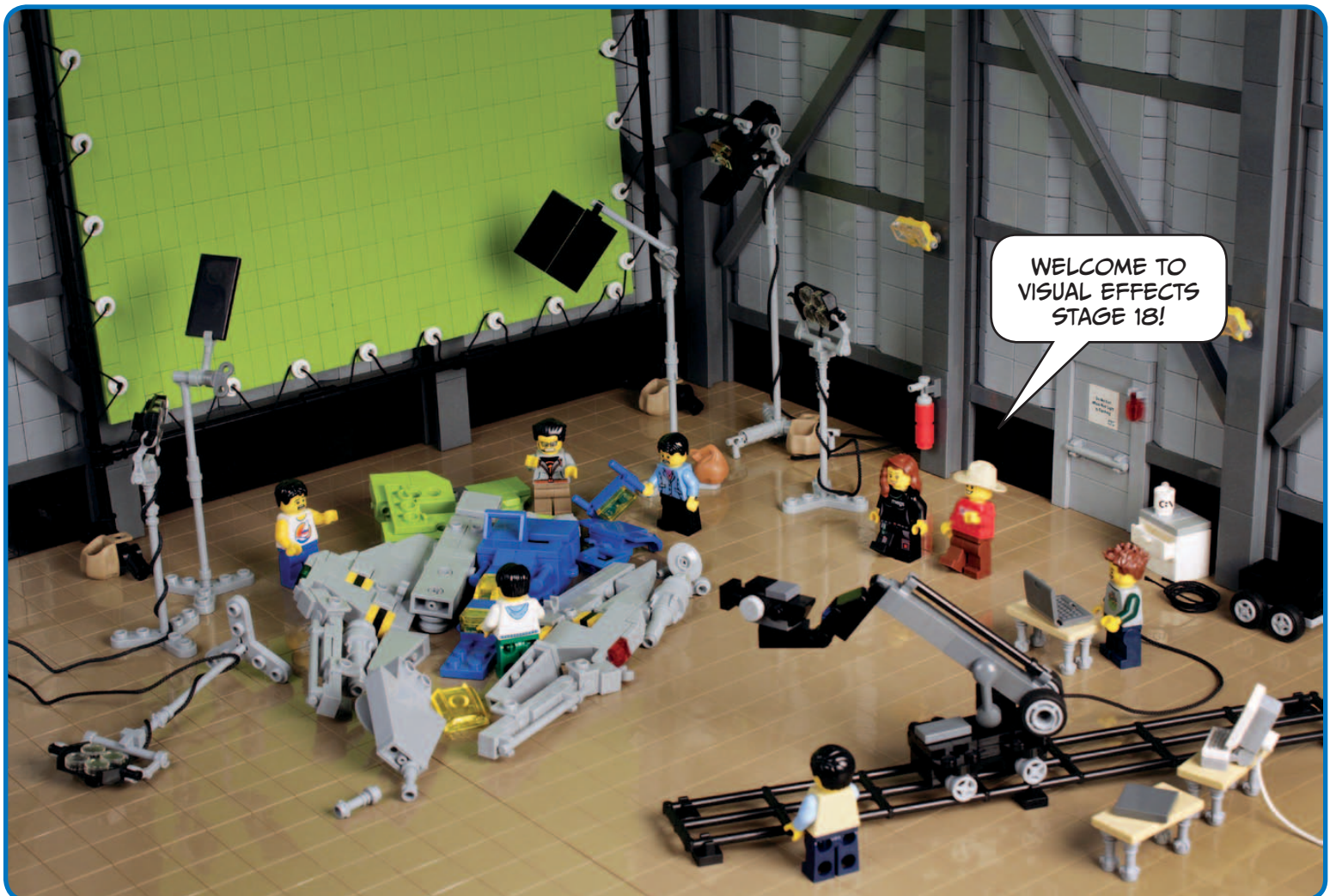
**Tommy Williamson**

**Nickname:** Geekytom

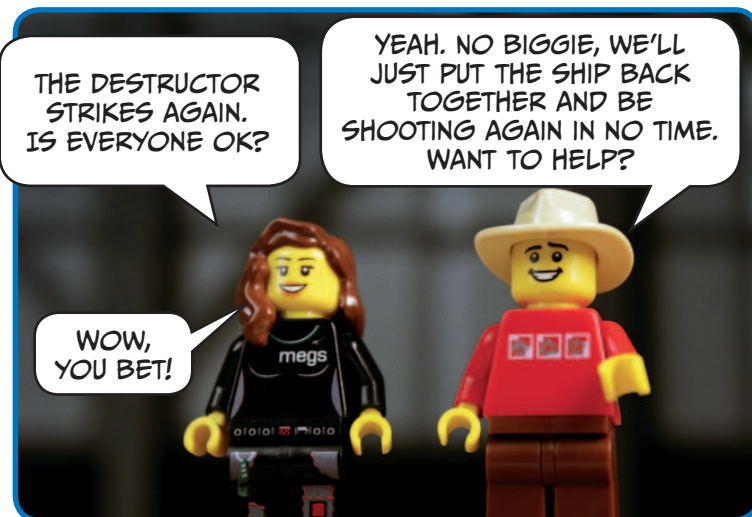
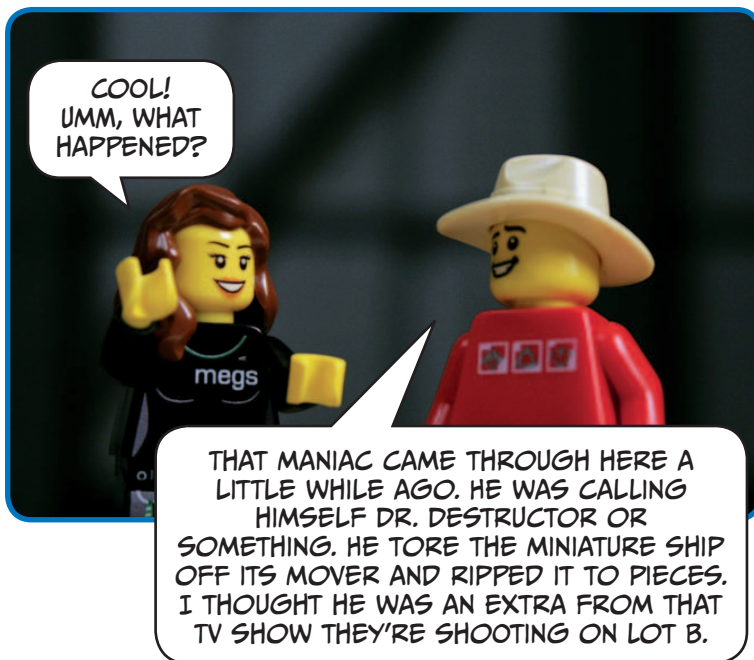
**Profession:** Brick Artist

**Nationality:** American

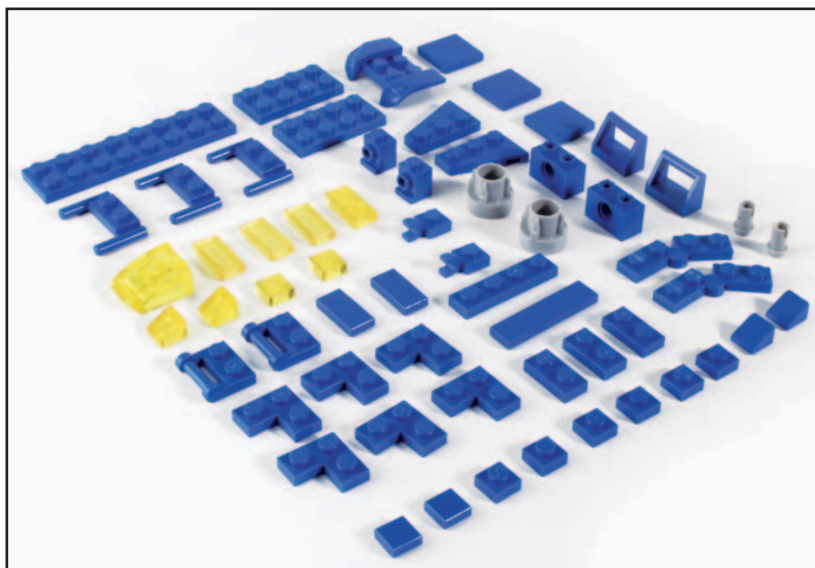
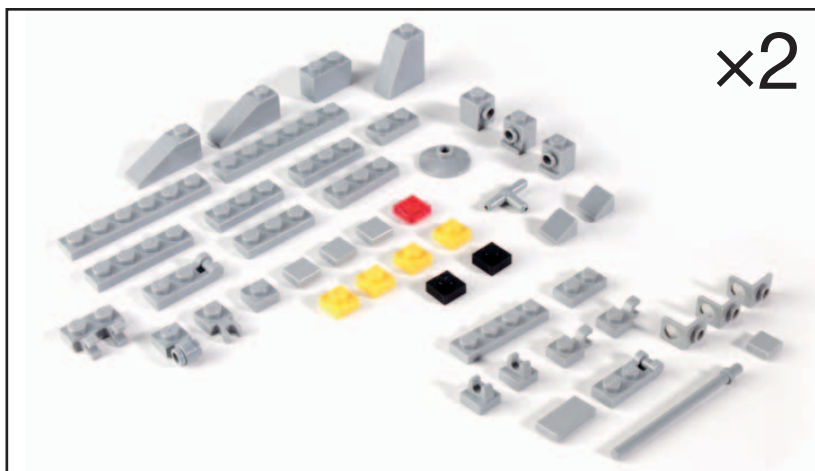
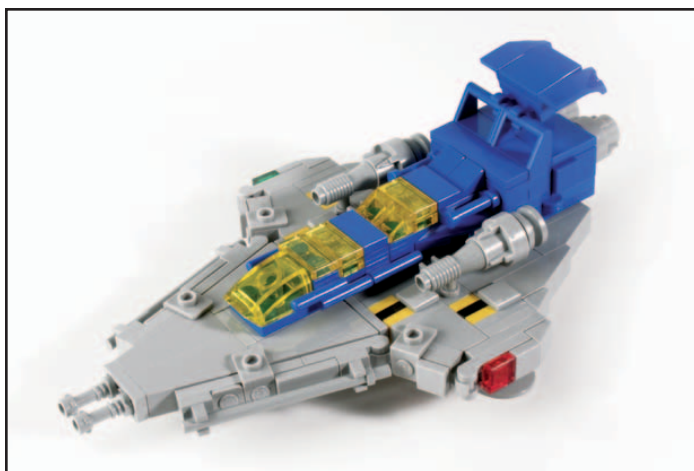
**Website:** [www.bricknerd.com/](http://www.bricknerd.com/)



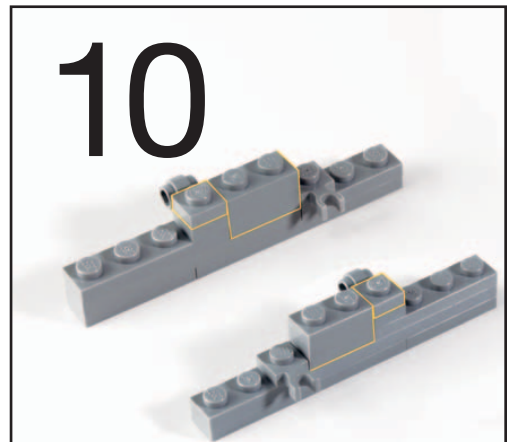
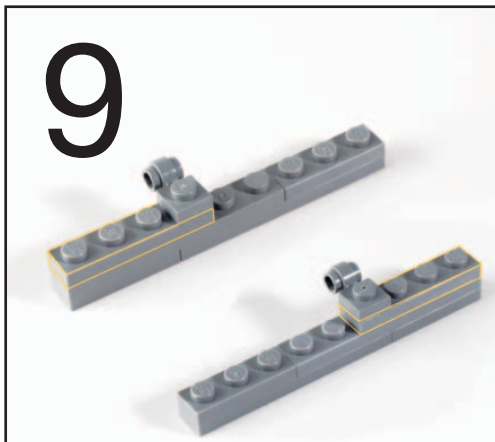
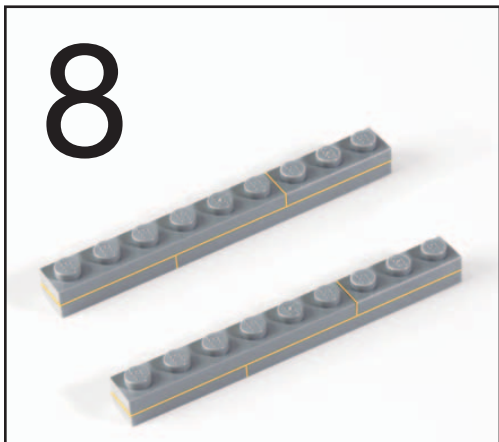
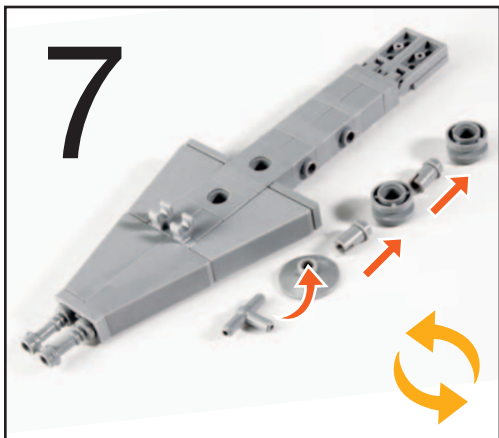
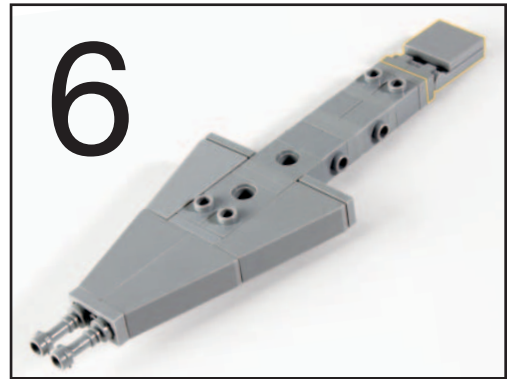
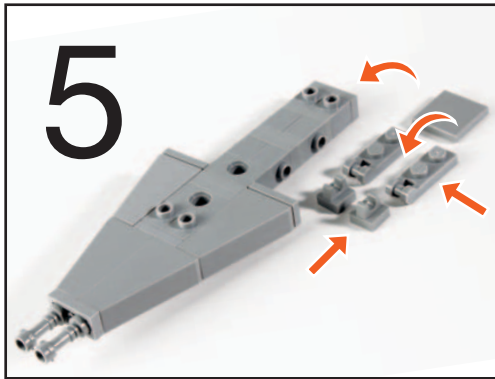
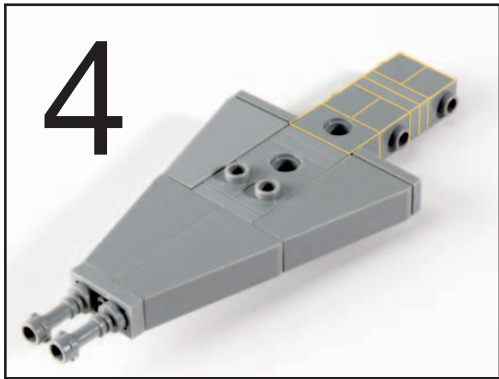
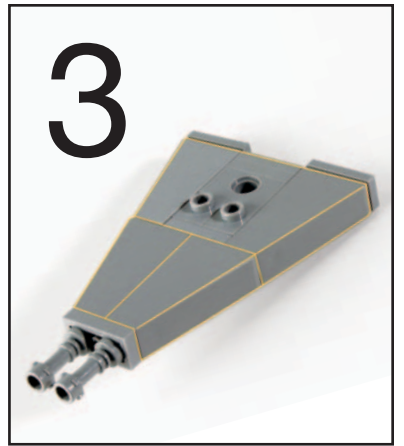
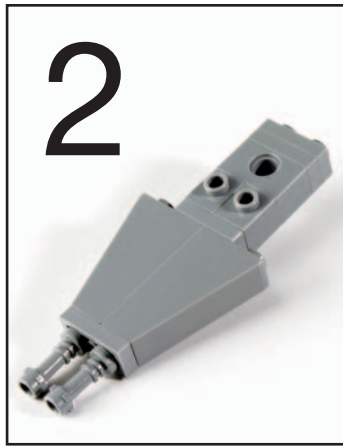
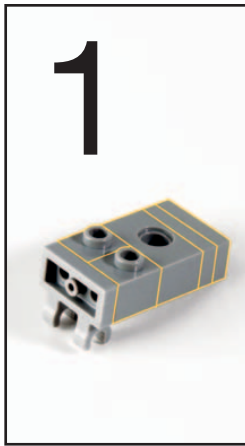
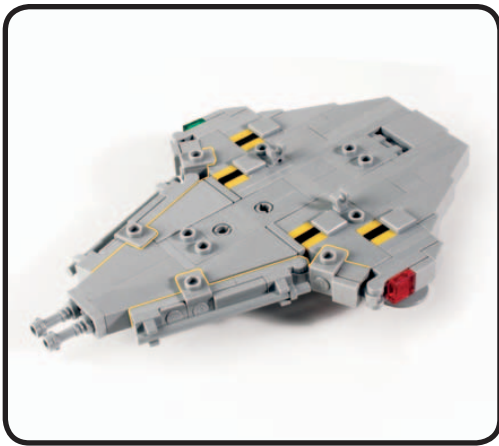




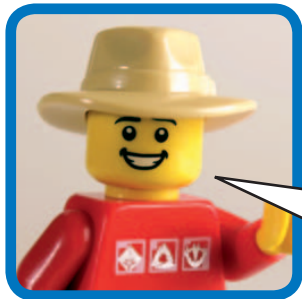
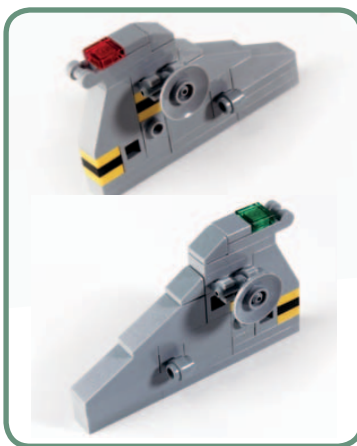
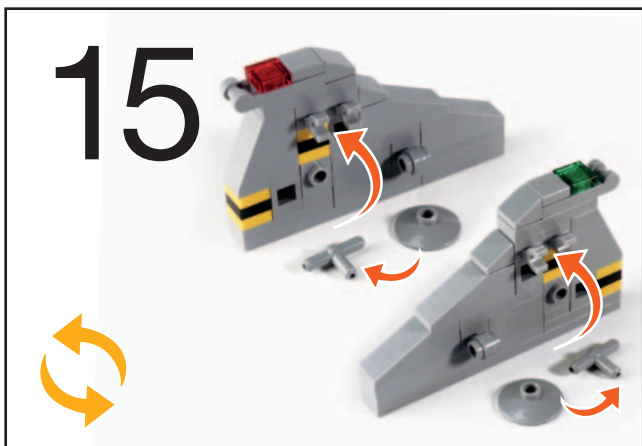
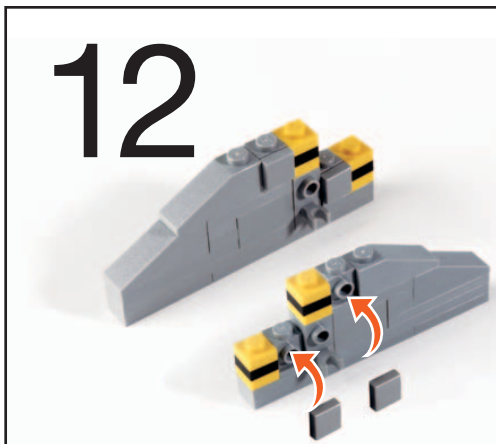
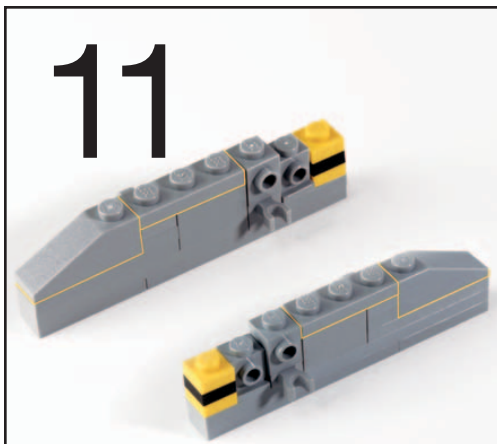
## Galactic Adventurer



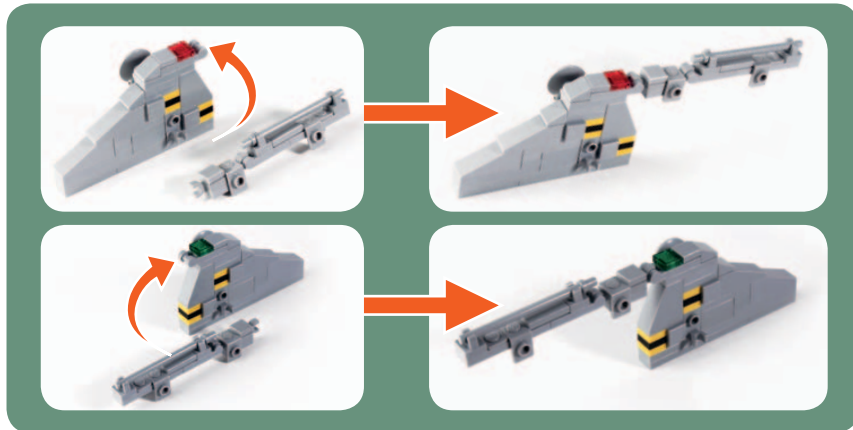




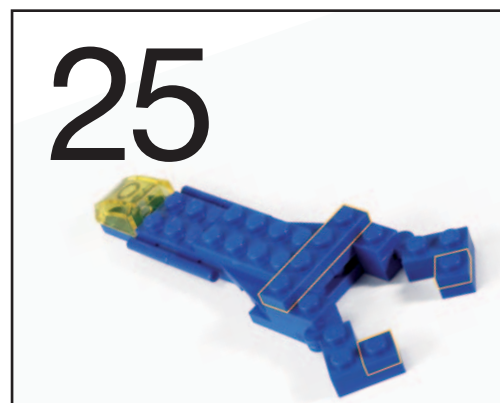
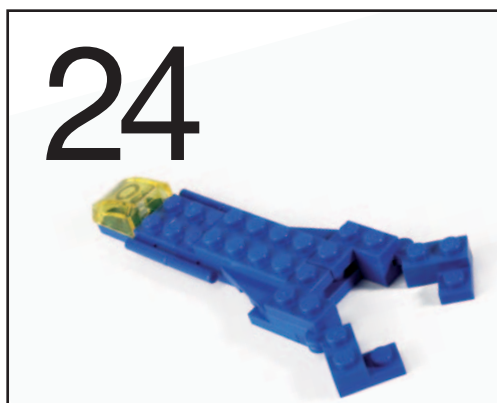
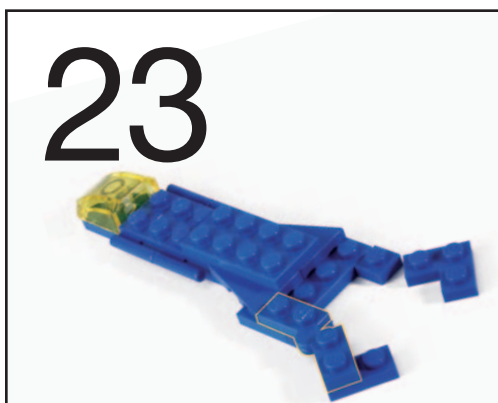
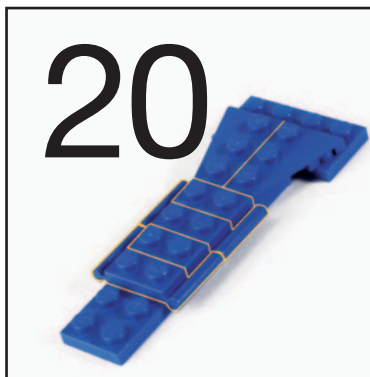
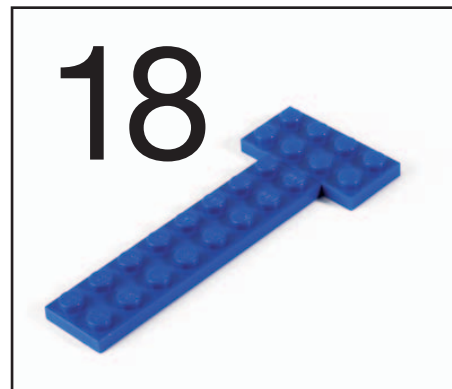
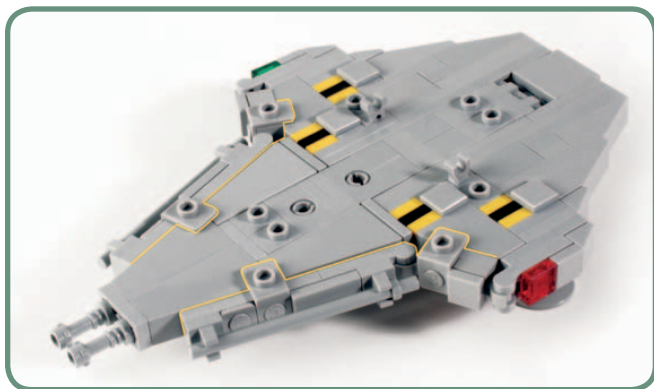
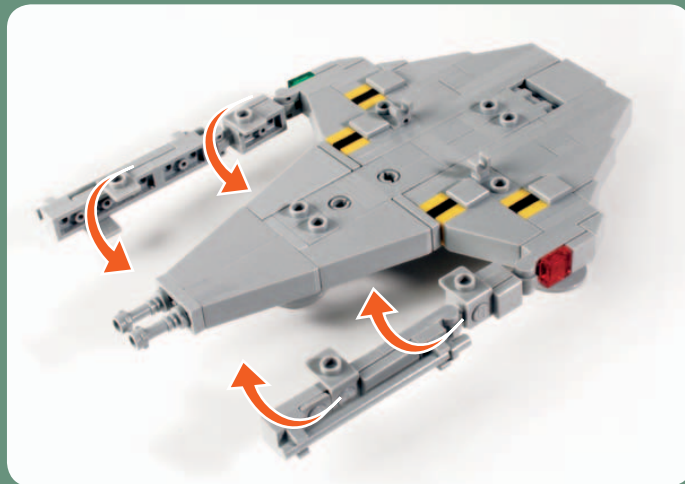
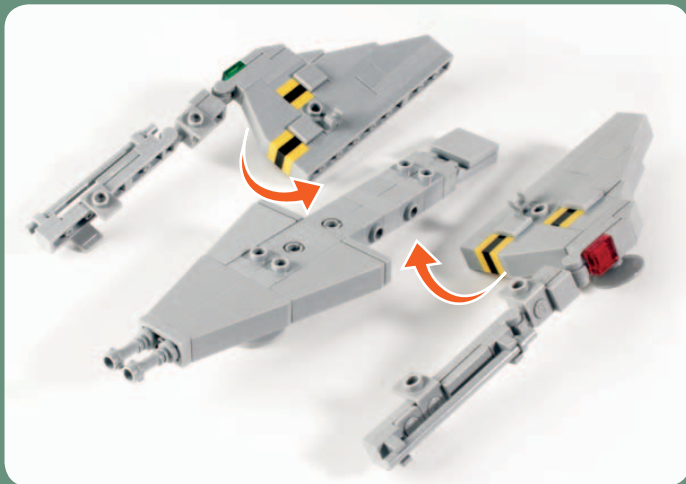




NOW YOU JUST HAVE TO BUILD THE OTHER SIDE, MIRRORING THE SUBASSEMBLY ABOVE. NOTICE THAT THE LIGHT ON THE WING TIP IS GREEN ON THE OTHER SIDE.





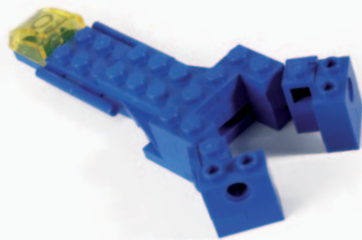




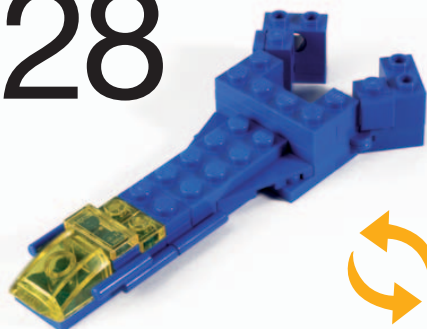
# 26



# 27



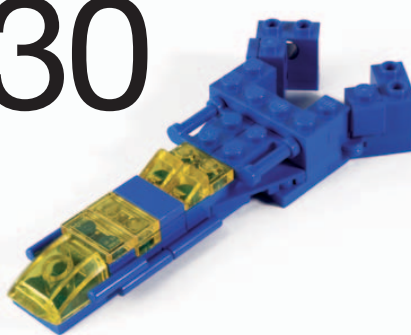
# 28



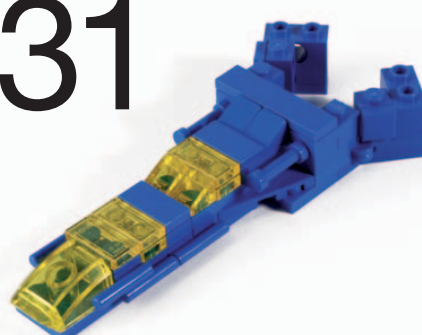
# 29



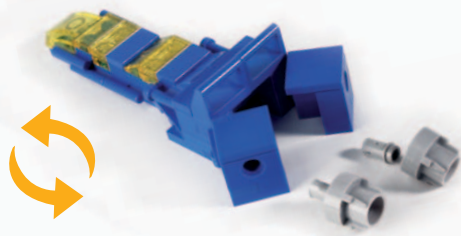
# 30



# 31



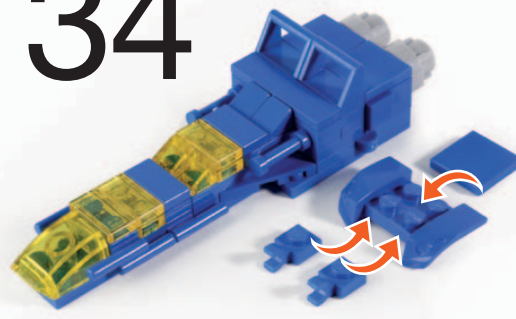
# 32



# 33



# 34



# 35

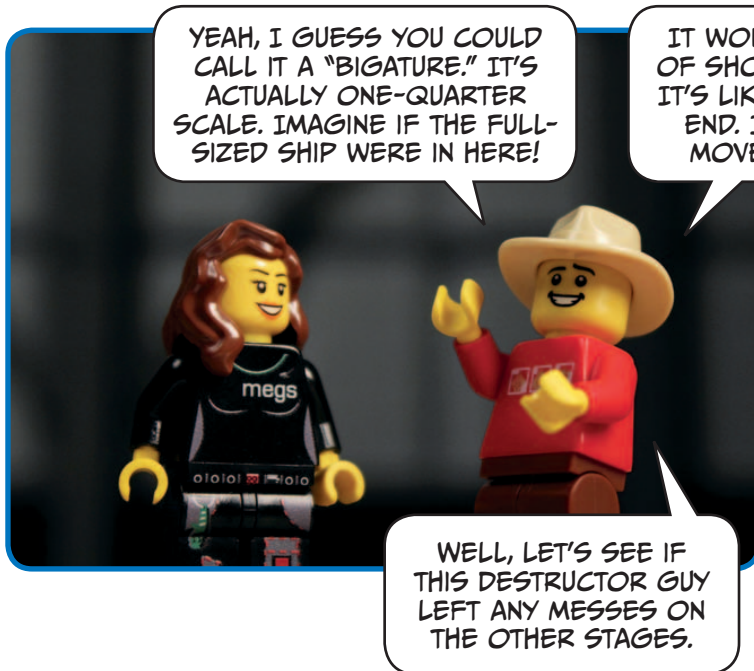
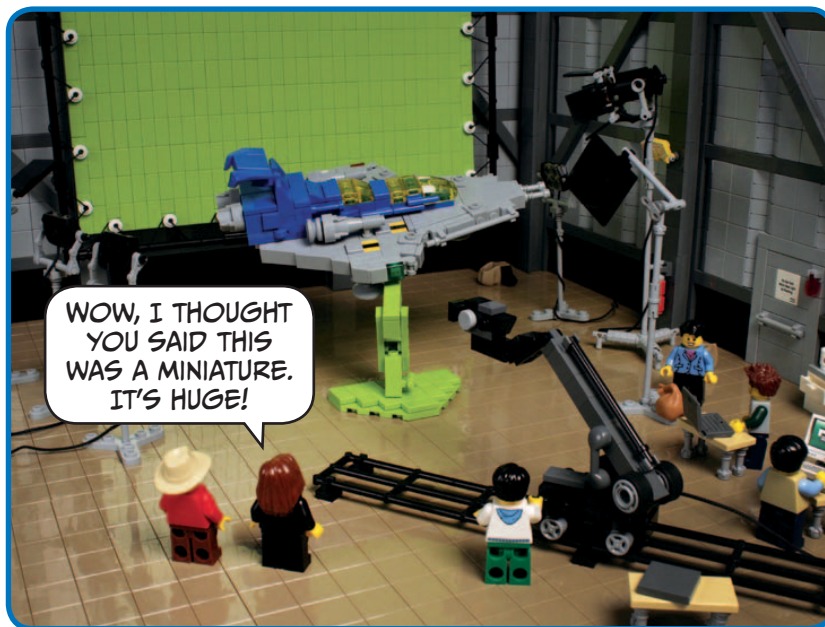
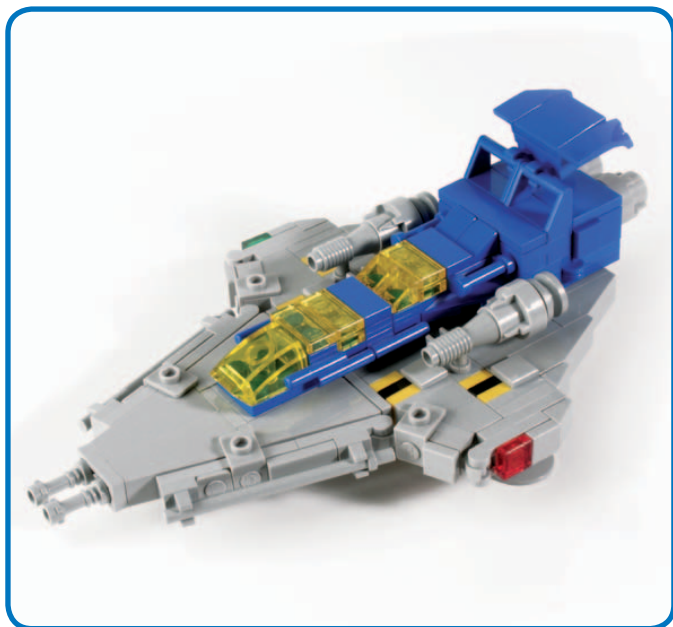
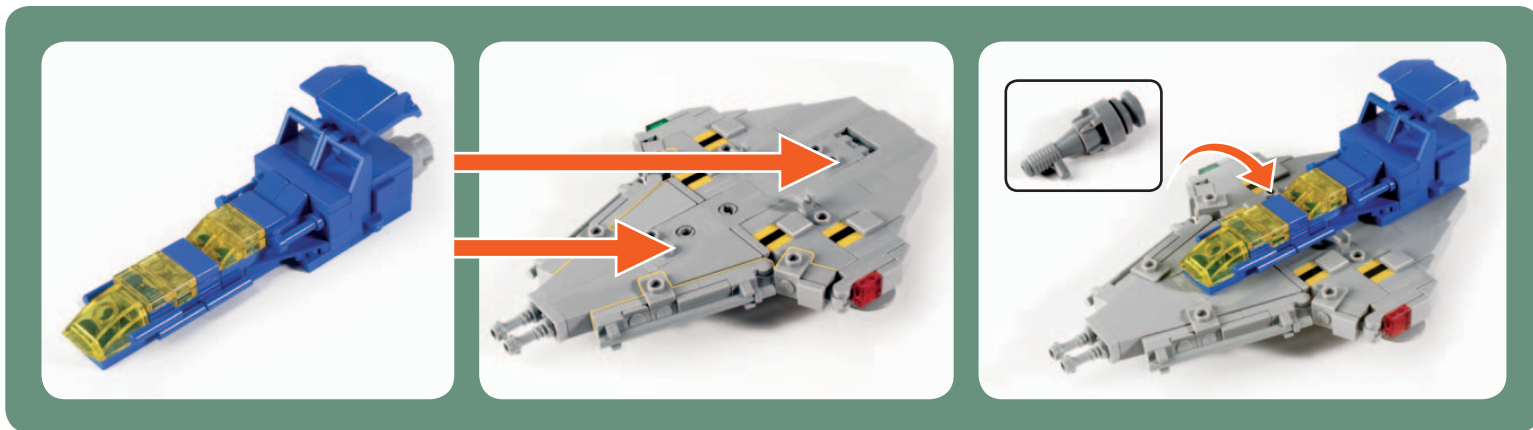


x2

## Building Tip

Don't let a missing part stop you from experimenting. You can always switch out the part later, so keep building and try using other parts or colors.





IT WOULD BE HARD TO SHOOT. FOR THIS TYPE OF SHOT, WE USE A MOTION CONTROL CAMERA. IT'S LIKE A ROBOT ARM WITH A CAMERA ON THE END. IT ALLOWS FOR PRECISE, REPEATABLE MOVES SO WE CAN ADD SPECIAL EFFECTS.





### Building Tip

The secret to building in microscale is learning what is needed to capture the iconic details of your microscale LEGO model. Think of what you are trying to build as basic shapes. For instance, a car is pretty much a rectangle with a bump on top, and a house is a box with triangles on top. Try to identify these basic shapes and add just enough detail to make the model recognizable.

THIS IS A SCENE WITH TEKNOPOP, ONE OF THE ROBOTS IN THE MOVIE.

WHOA, HE HAS NO LEGS!

NOT FOR THIS TYPE OF SCENE. IT'S A CLOSE-UP WHERE HE HAS TO DO A LOT, AND SINCE YOU DON'T SEE THE LEGS, WE USE THIS PUPPET.

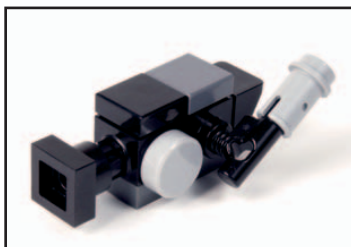
IT TAKES ALL THOSE PEOPLE TO MAKE HIM MOVE?

THAT'S ACTUALLY NOT THAT MANY. FOR ONE OF THE BIG ROBOTS, IT TAKES NINE PEOPLE TO MAKE HIM WORK.

DUDE, THAT IS A LOT OF PUPPETEERS!

HEHE, YES IT IS. LET'S GET MOVING BEFORE THEY START ROLLING.

## Movie Camera



1



2



3



4



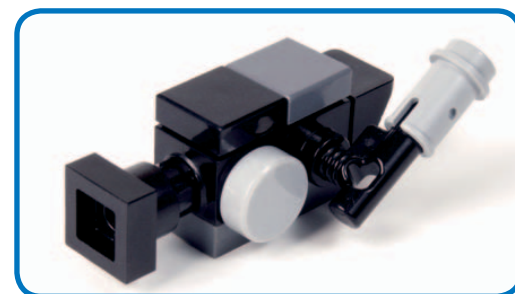
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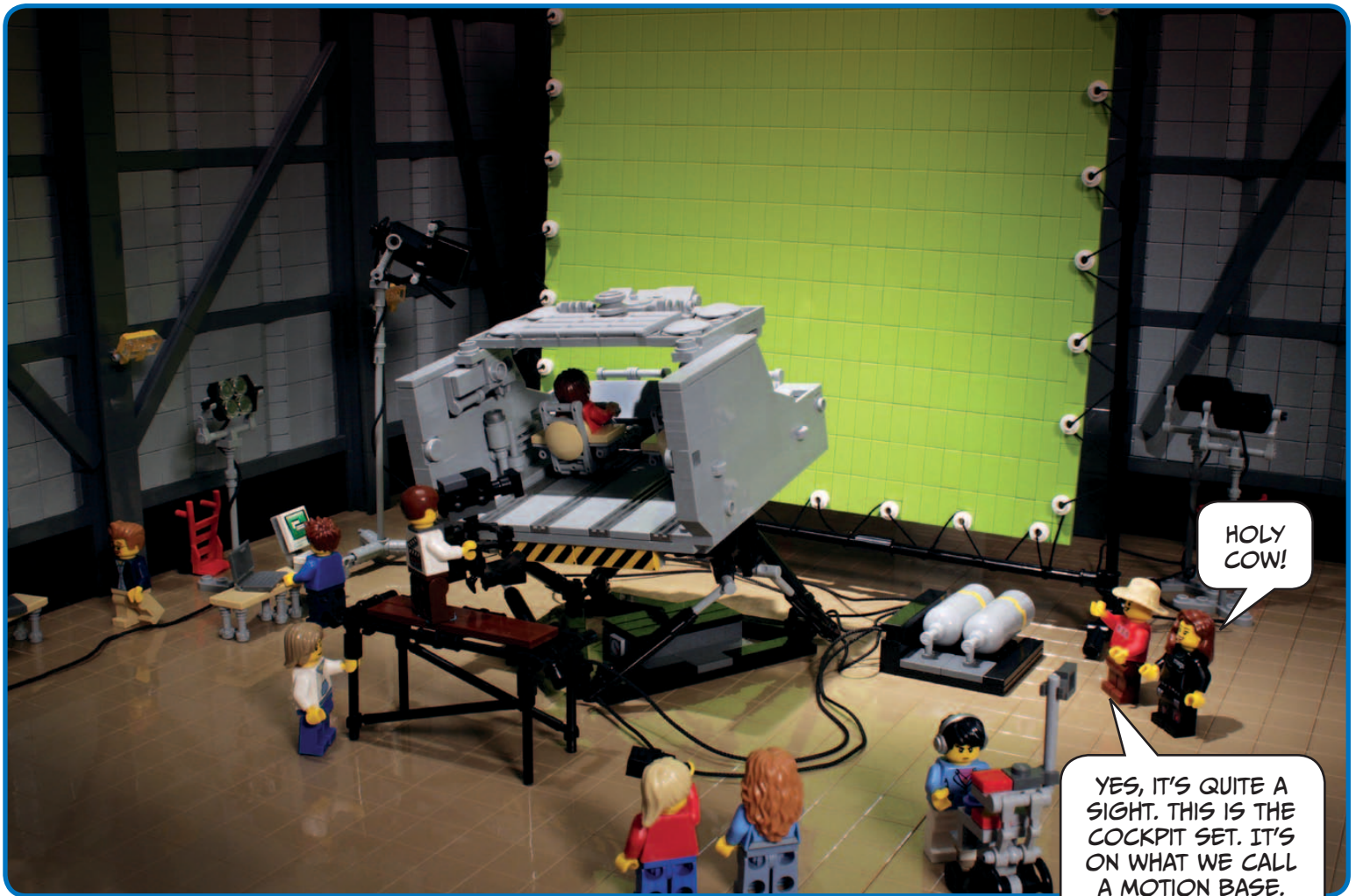
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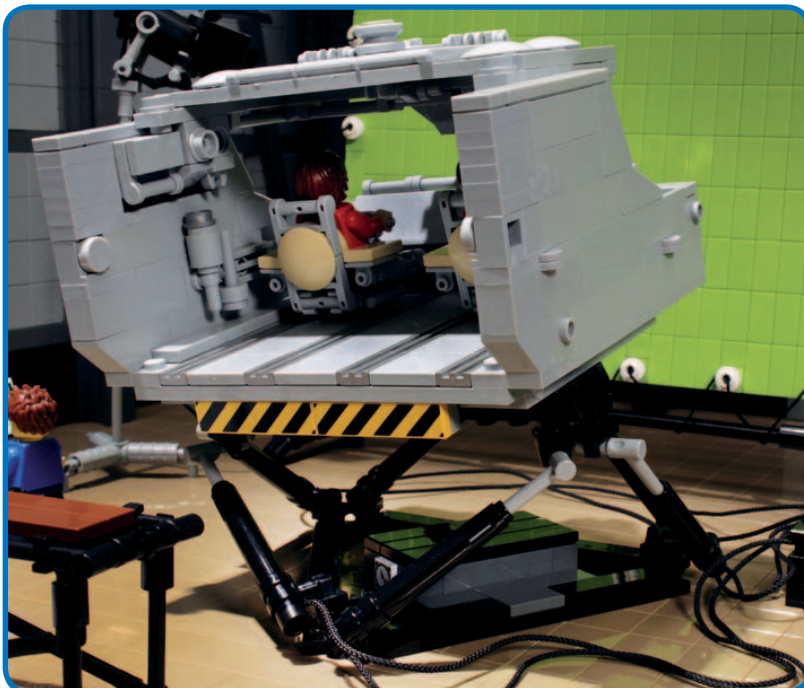






HOLY COW!

YES, IT'S QUITE A SIGHT. THIS IS THE COCKPIT SET. IT'S ON WHAT WE CALL A MOTION BASE. IT'S PRETTY MUCH A FLIGHT SIMULATOR WITH A MOVIE SET ON TOP.



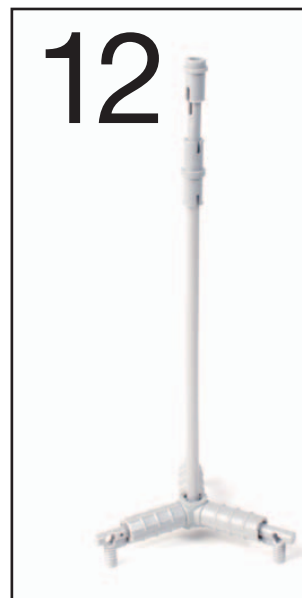
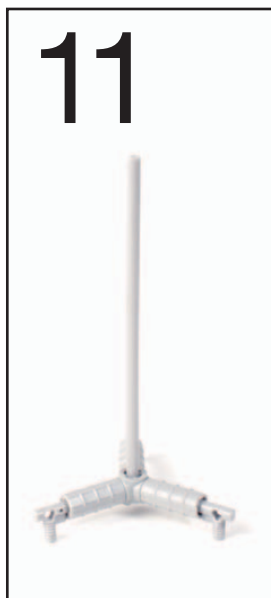
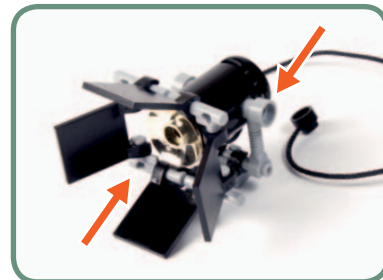
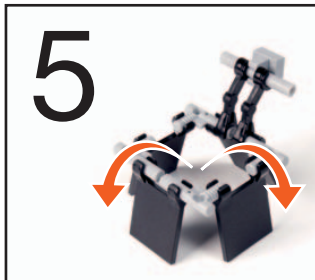
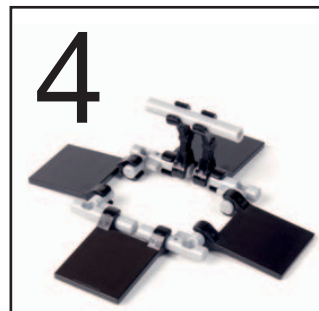
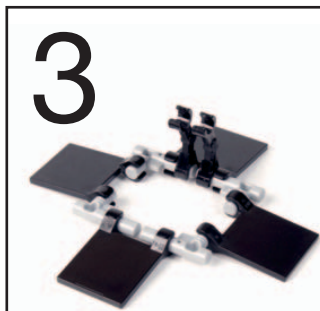
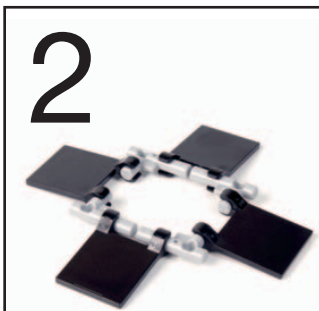
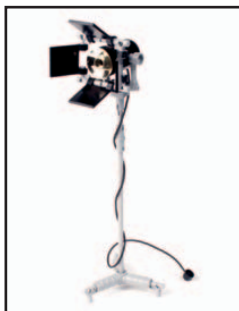
AWESOME. WHAT'S THAT BIG GREEN THING?

THAT'S A GREEN SCREEN. WE USE IT WHEN WE HAVE TO PUT IN A SPECIAL EFFECT LATER. IN THIS CASE, OUTER SPACE WILL BE VISIBLE THROUGH THE SHIP'S WINDOWS.





# 5K Light



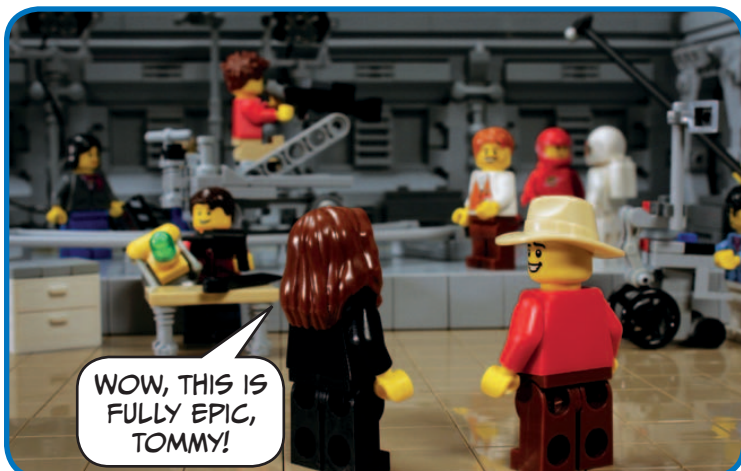
## Building Tip

Sometimes playing with and connecting random LEGO pieces (called tablescrapping) can lead to amazing discoveries and inspiration. When you find some spare time and have a load of LEGO bricks in front of you, start sticking them together. Don't overthink it, just build and see what you come up with.



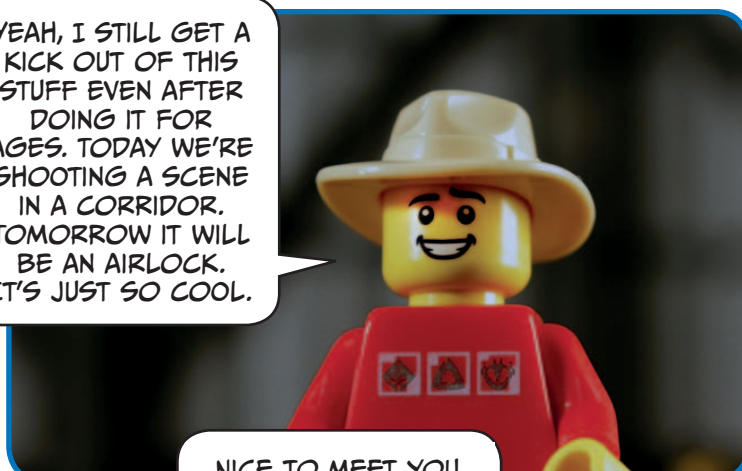


WELCOME TO  
STAGE 12!

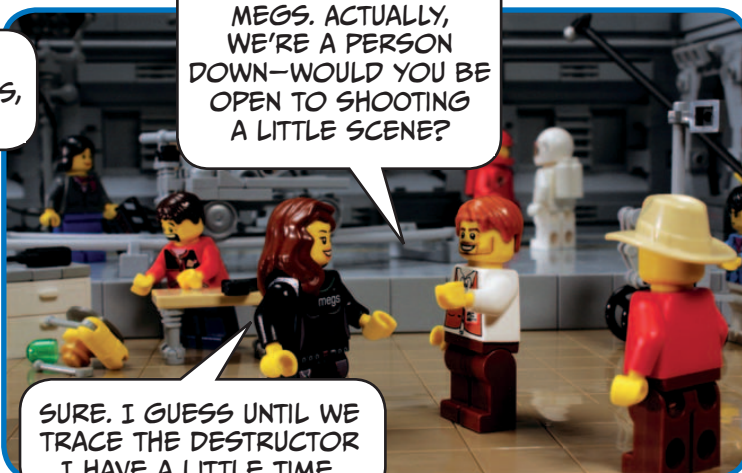


WOW, THIS IS  
FULLY EPIC,  
TOMMY!

YEAH, I STILL GET A  
KICK OUT OF THIS  
STUFF EVEN AFTER  
DOING IT FOR  
AGES. TODAY WE'RE  
SHOOTING A SCENE  
IN A CORRIDOR.  
TOMORROW IT WILL  
BE AN AIRLOCK.  
IT'S JUST SO COOL.



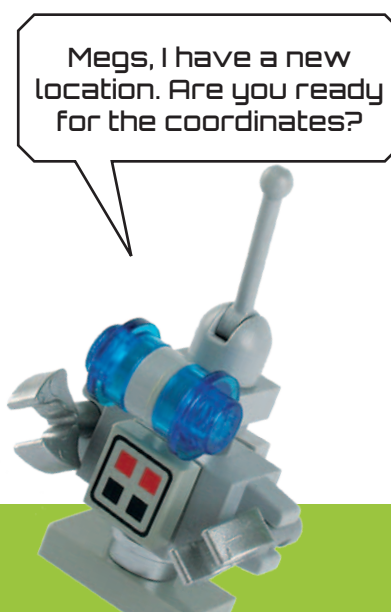
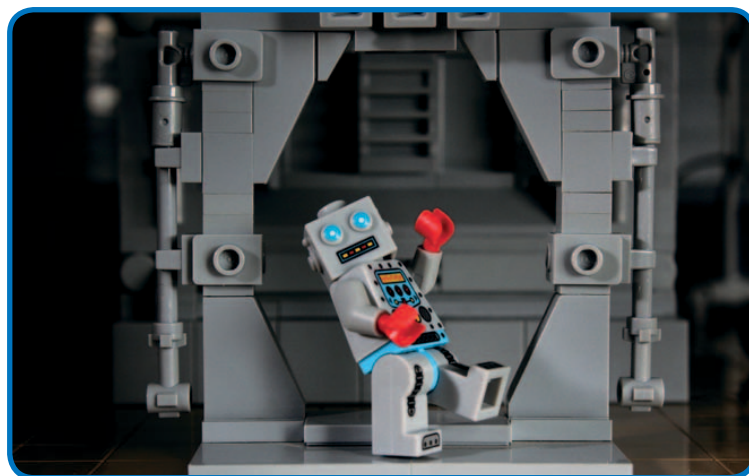
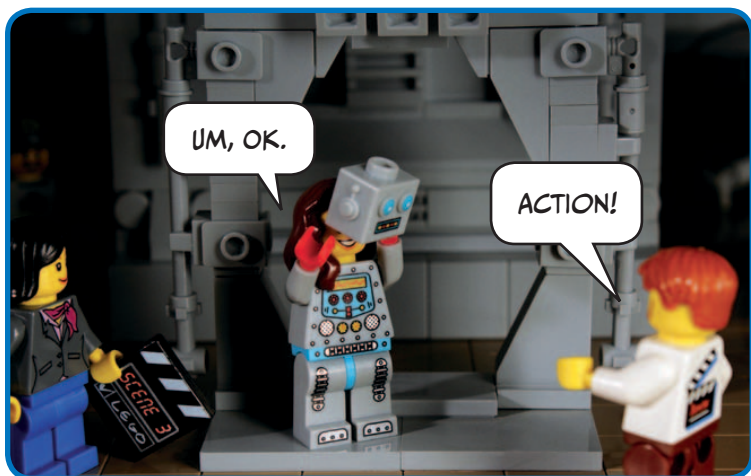
HELLO, STEVEN. THIS IS MY FRIEND  
MEGS. I'M GIVING HER A TOUR. MEGS,  
THIS IS STEVEN, THE DIRECTOR.



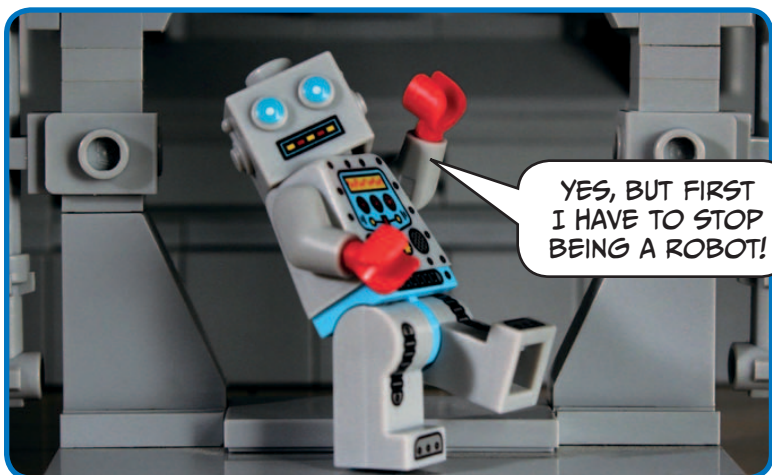
NICE TO MEET YOU,  
MEGS. ACTUALLY,  
WE'RE A PERSON  
DOWN—WOULD YOU BE  
OPEN TO SHOOTING  
A LITTLE SCENE?

SURE. I GUESS UNTIL WE  
TRACE THE DESTRUCTOR  
I HAVE A LITTLE TIME.









That does not compute, Megs, but it sounds like a huge mistake. Everyone should be a robot!

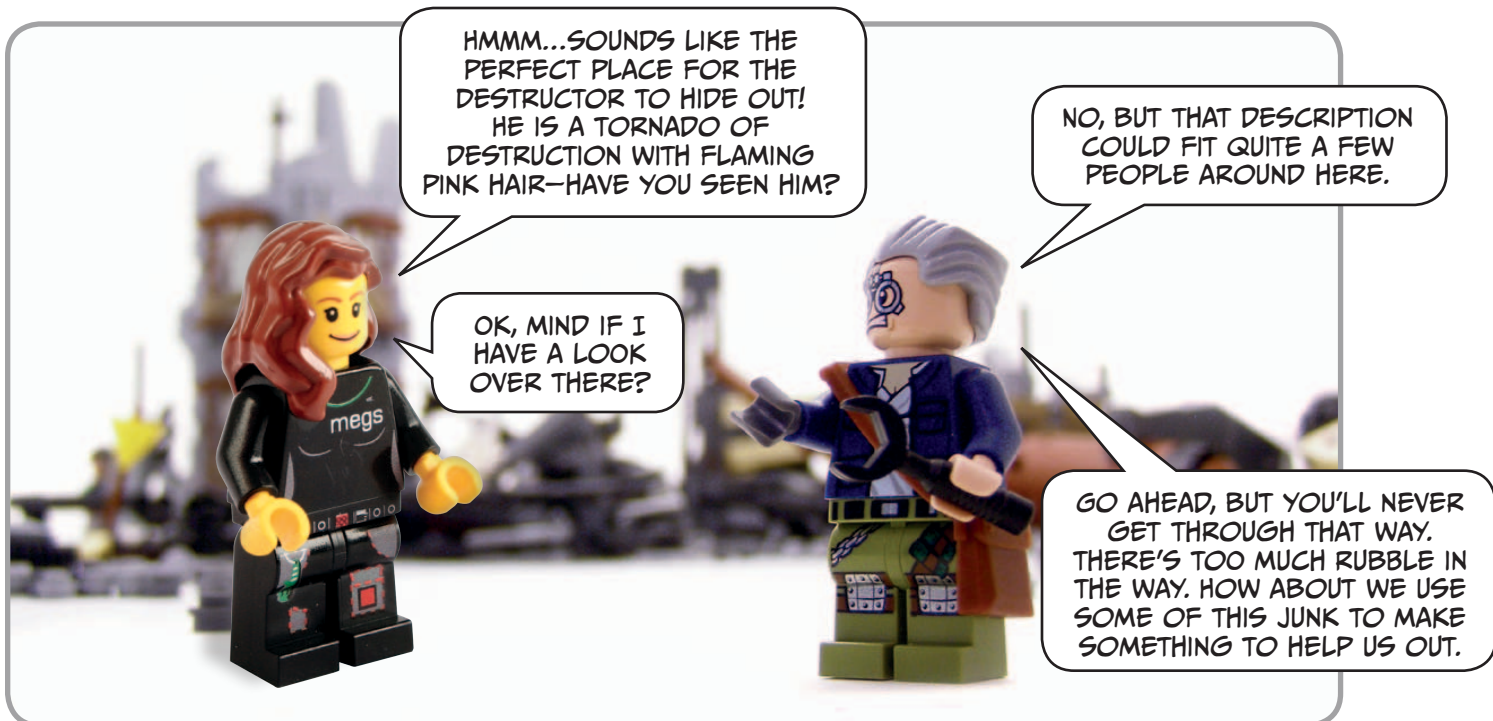


### ***BUILDING JOURNAL***

As we wandered through Tommy's epic movie set, I felt like I was on a real Hollywood studio lot! Everything in it is exactly as you'd expect—proper movie cameras, lights, rigging, and green screens! He taught me a lot about the process of filming a movie; I could always use some of these techniques on a smaller scale to create my own studio to shoot some movies.

It was super cool to be filmed as an extra in a movie, too. Will I end up on the cutting-room floor or make it to final cut? Only time will tell!







# Destruction Zone



## Tyler Clites

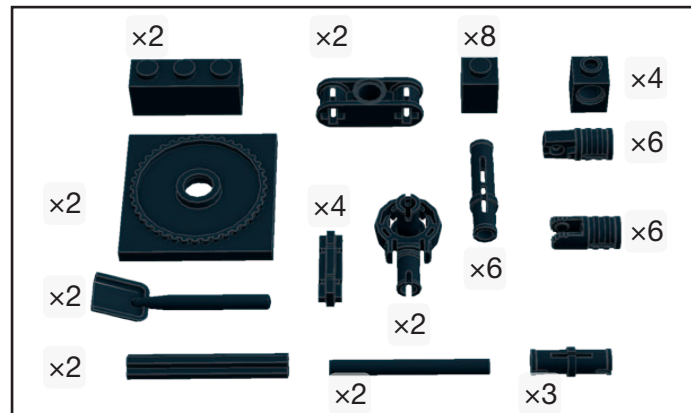
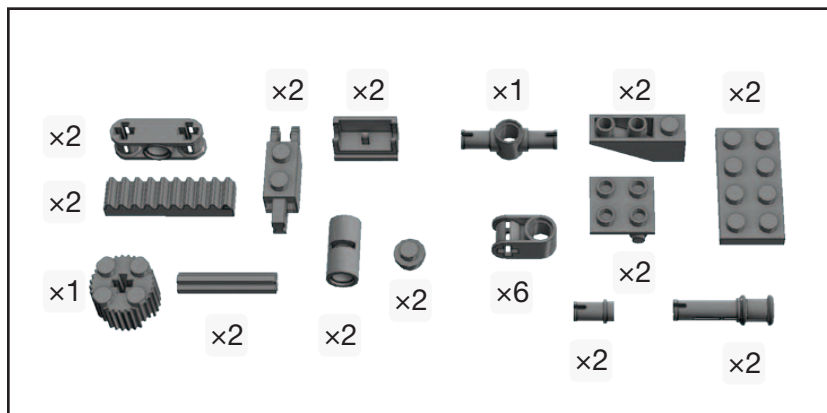
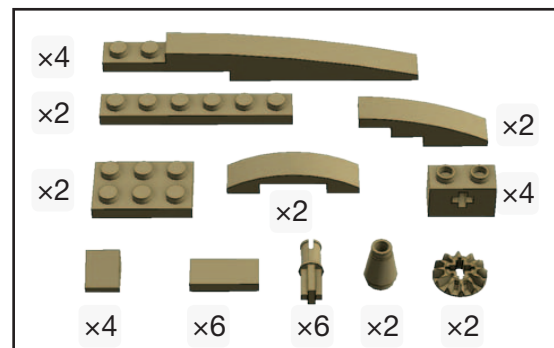
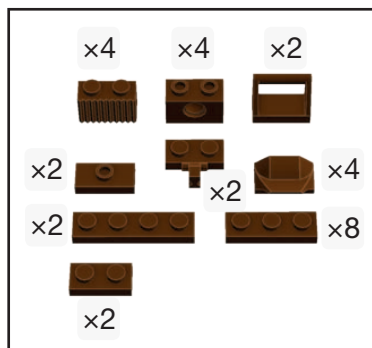
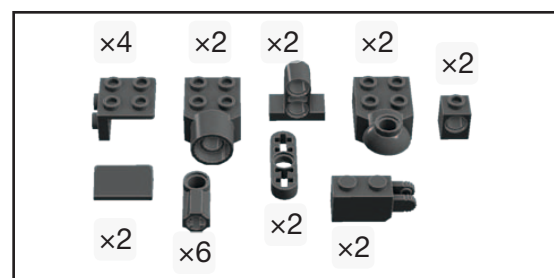
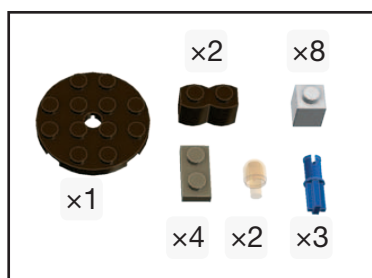
**Nickname:** Legohaulic

**Profession:** Freelance LEGO Artist

**Nationality:** American

**Website:** [www.flickr.com/photos/legohaulic/](http://www.flickr.com/photos/legohaulic/)

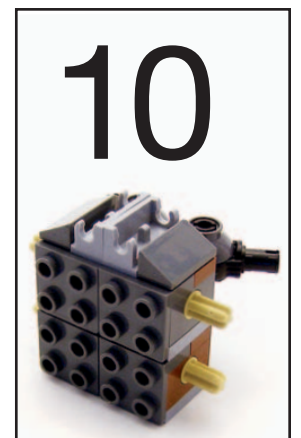
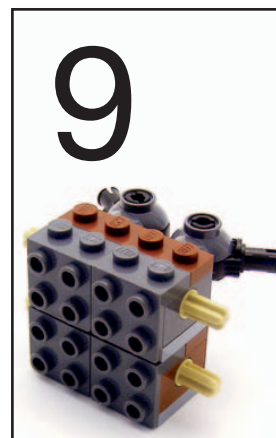
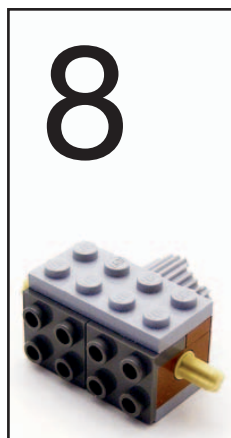
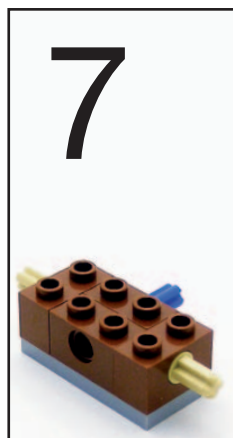
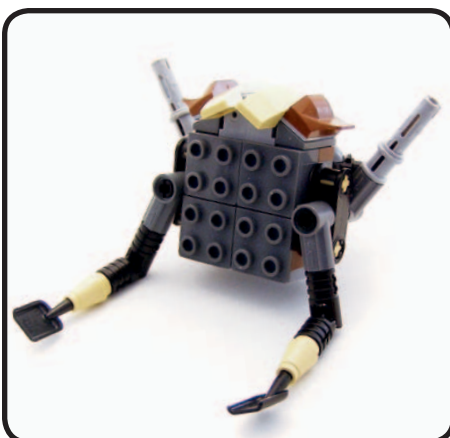
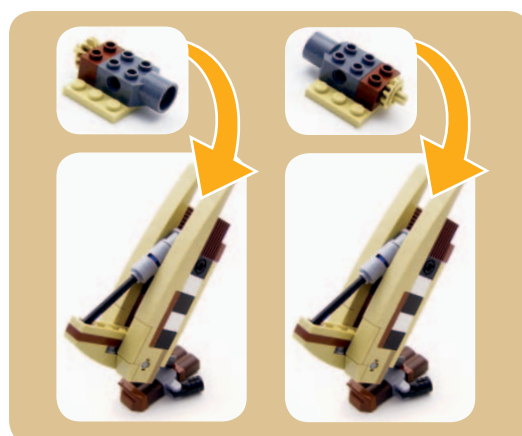
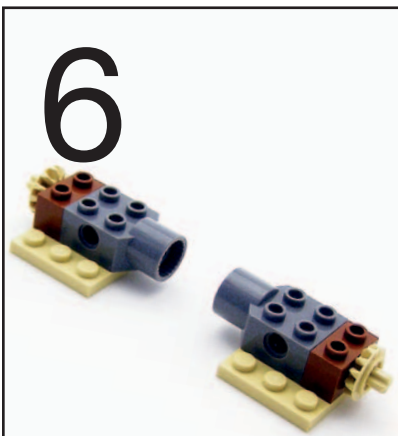
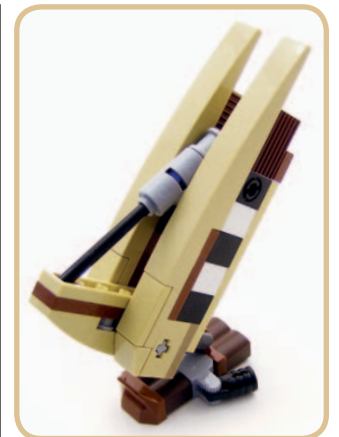
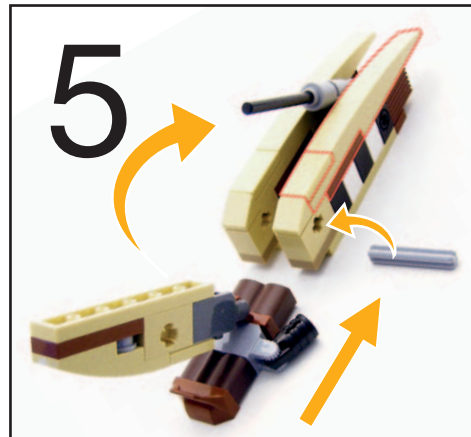
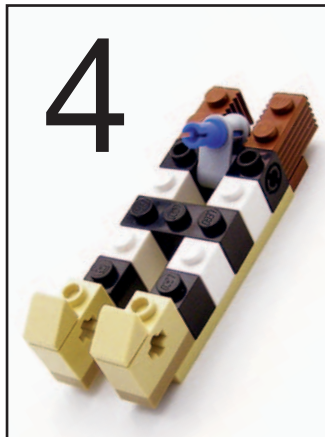
## Recycle Wrex



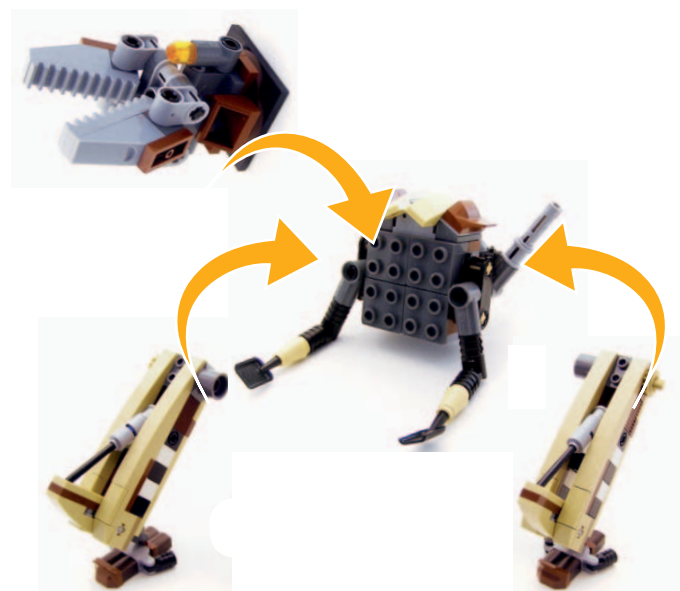
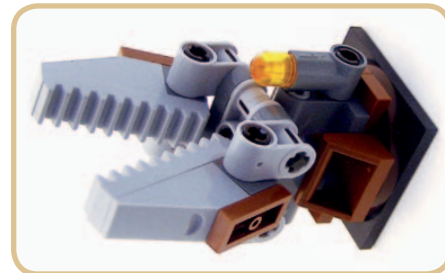
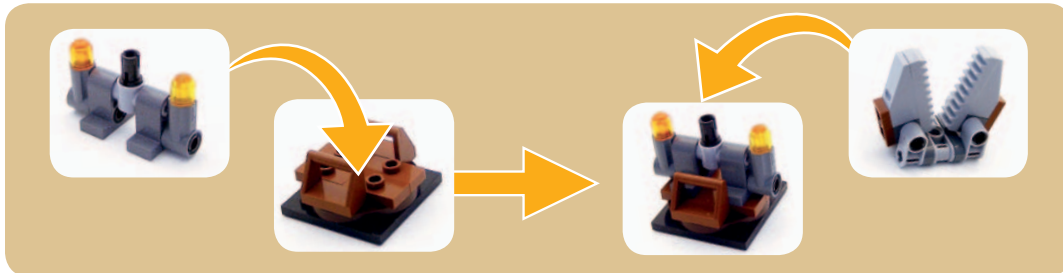
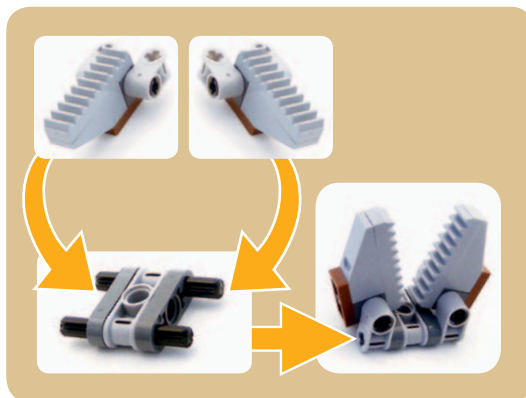
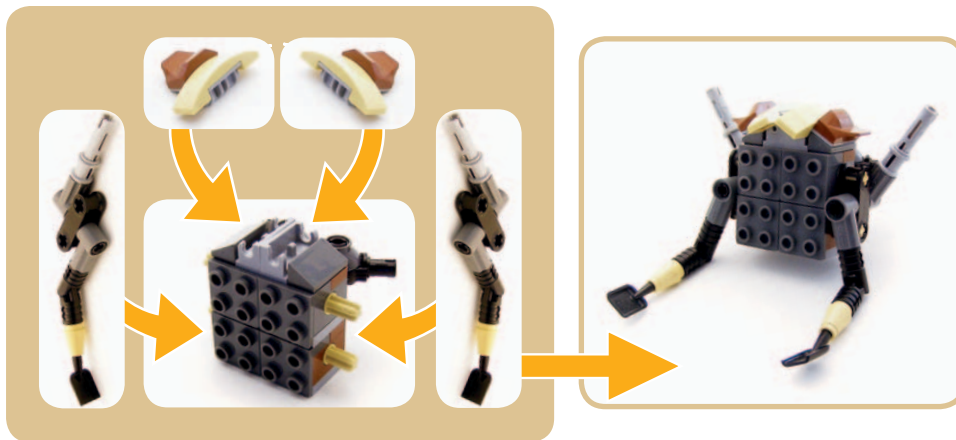
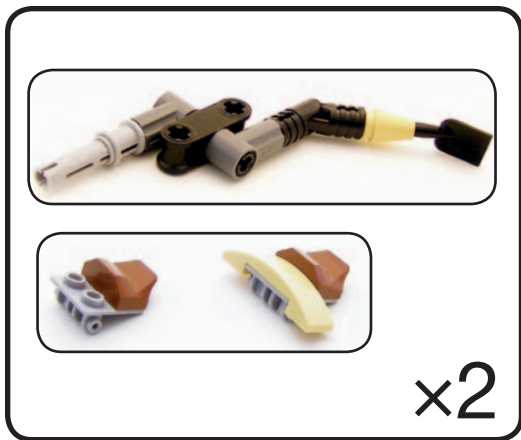




THIS ROBOT  
HAS SOME  
TRICKY STEPS,  
SO STUDY THE  
BREAKDOWN  
CLOSELY.







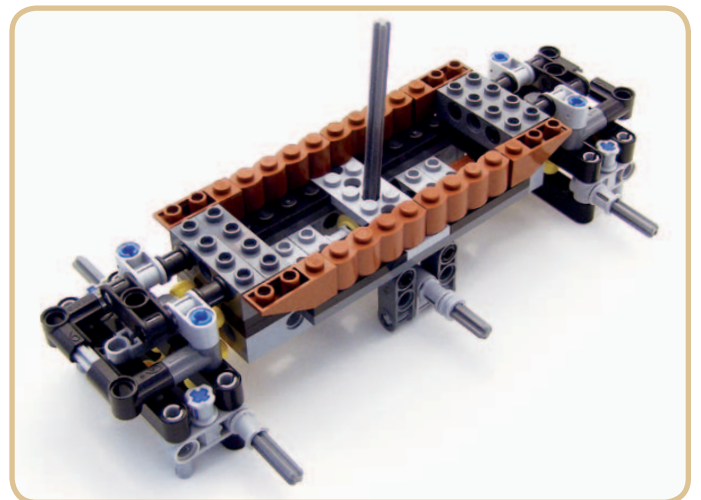
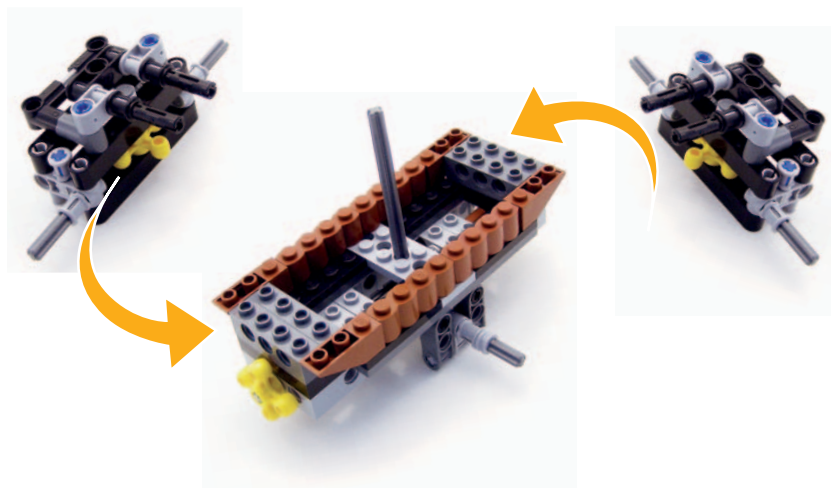
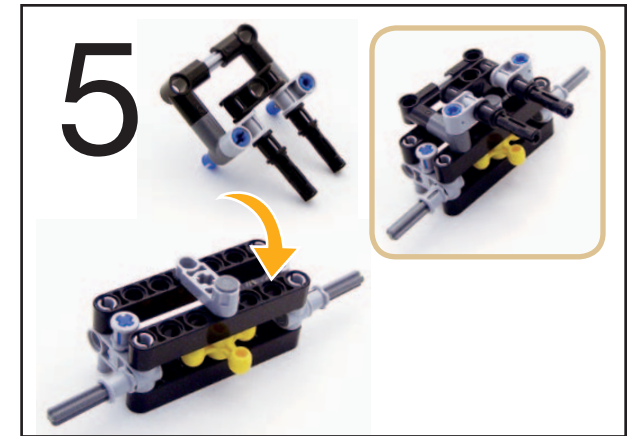
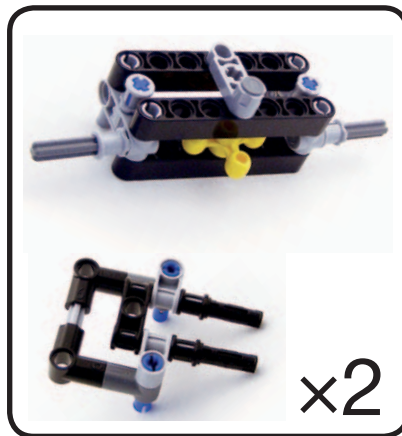
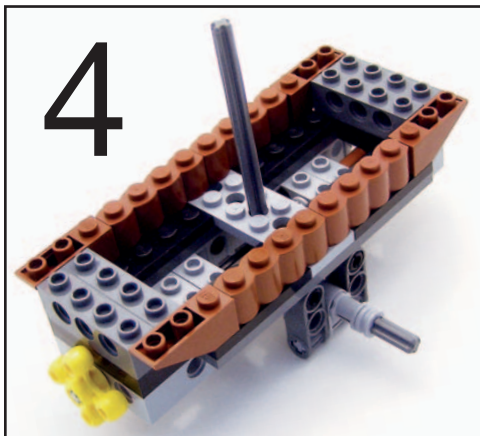
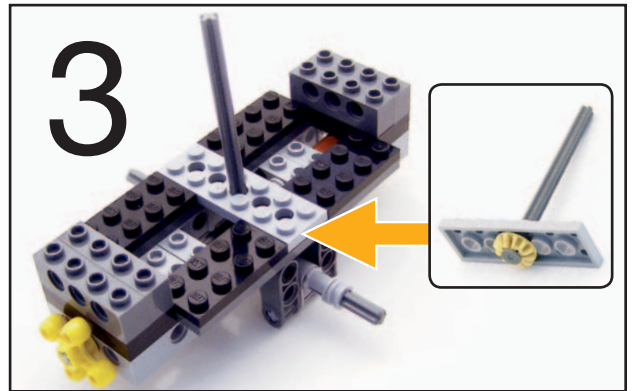
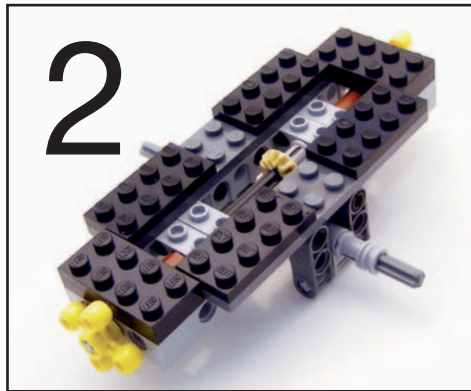
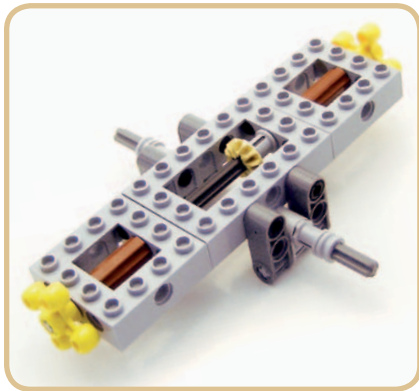
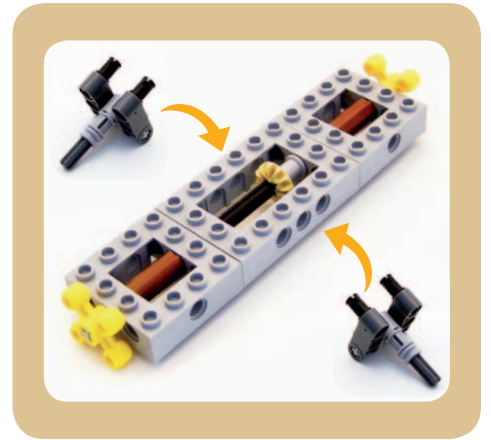
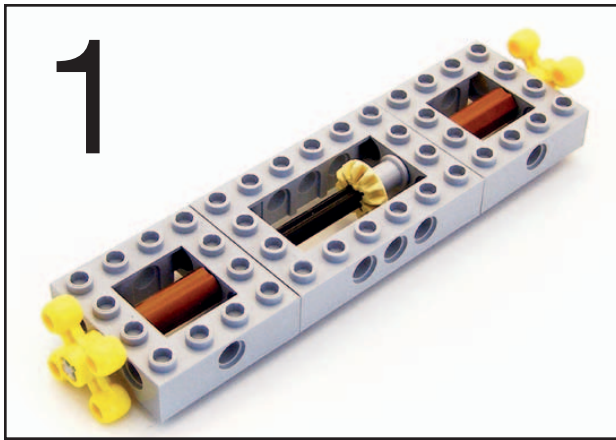




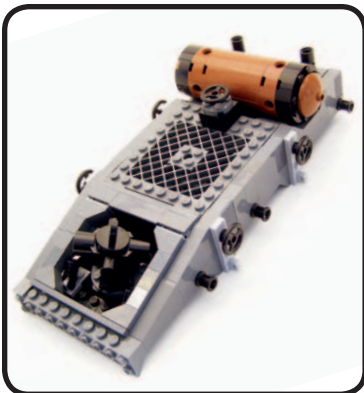




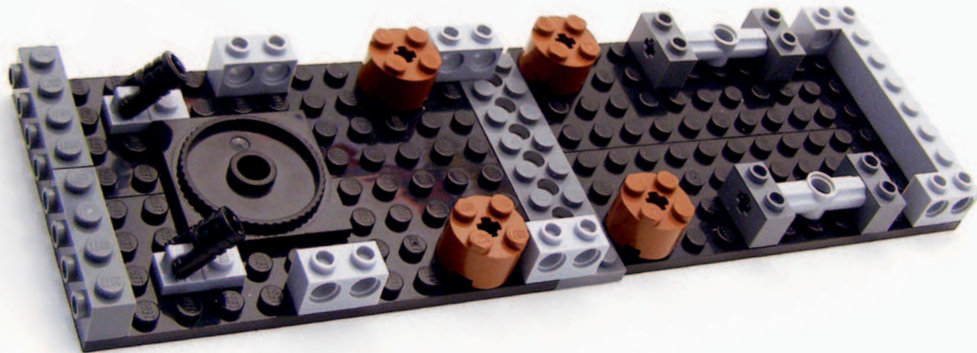




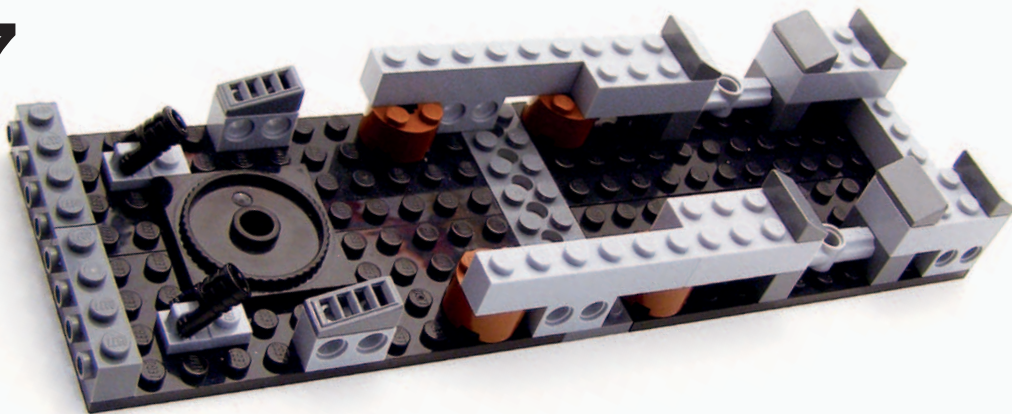




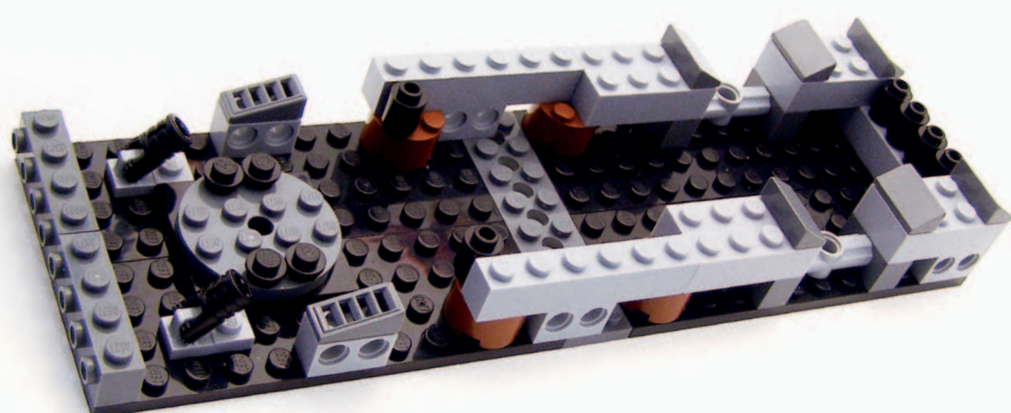
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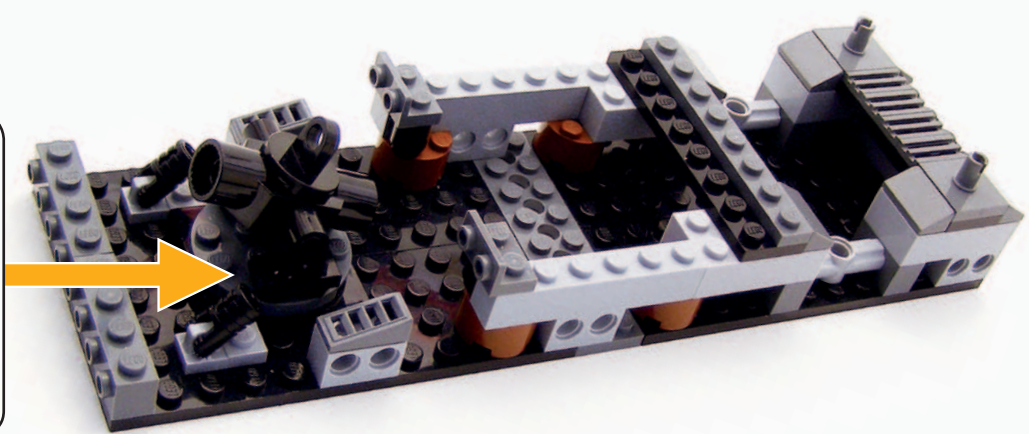
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8



9



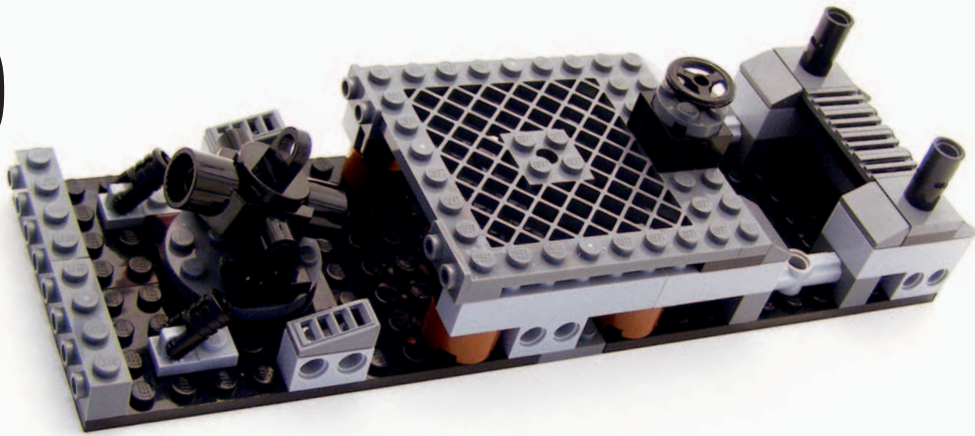
**Building Tip**

The trick to making your models look like they belong in a post-apocalyptic world is to make them look damaged, repaired, or built out of scavenged parts.





# 10

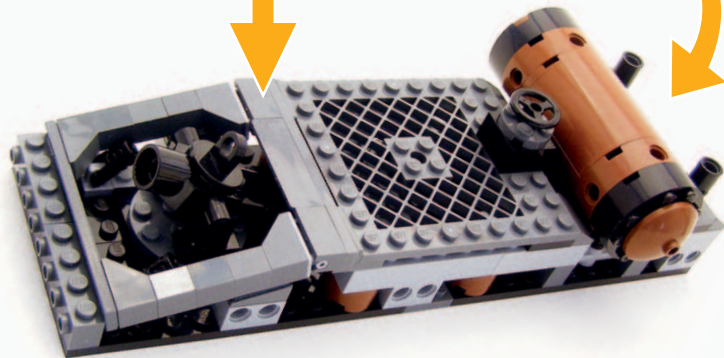
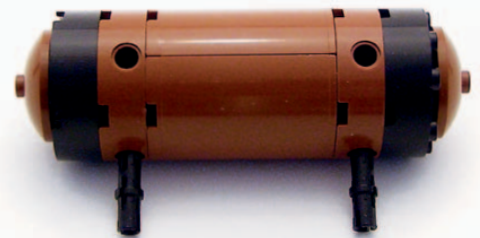
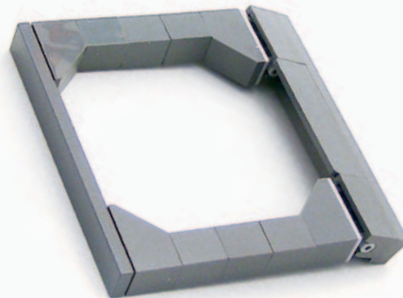


## Building Tip

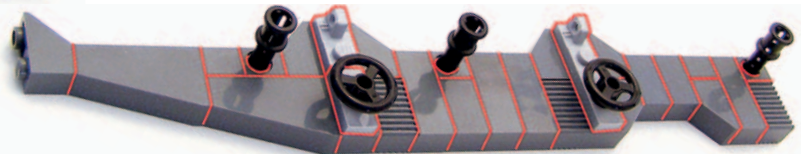
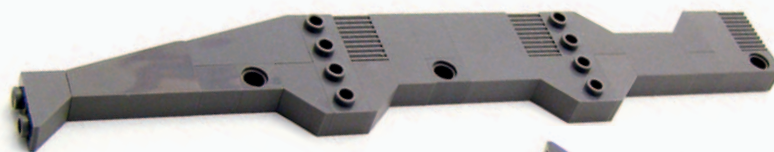
Spikes, blades, darker colors, and skeletons are all items that help give your models a post-disaster look.



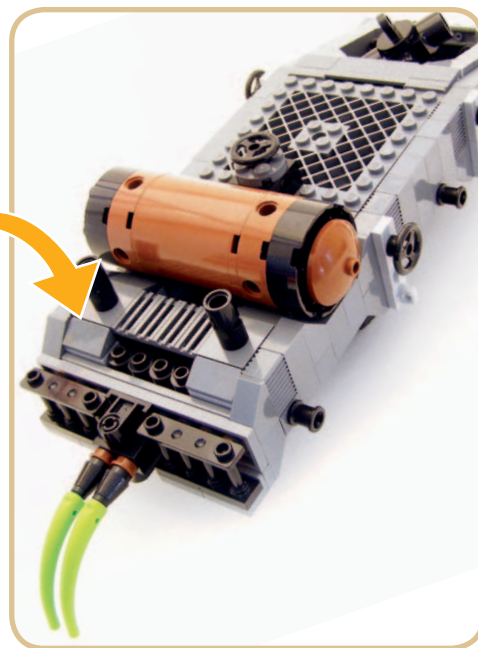
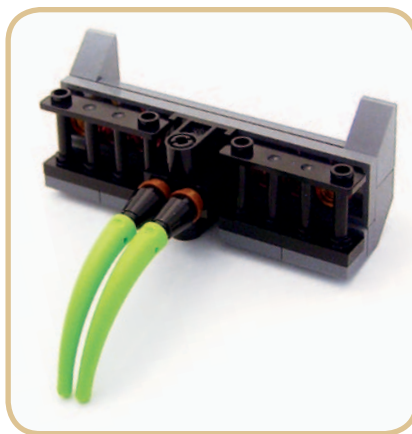
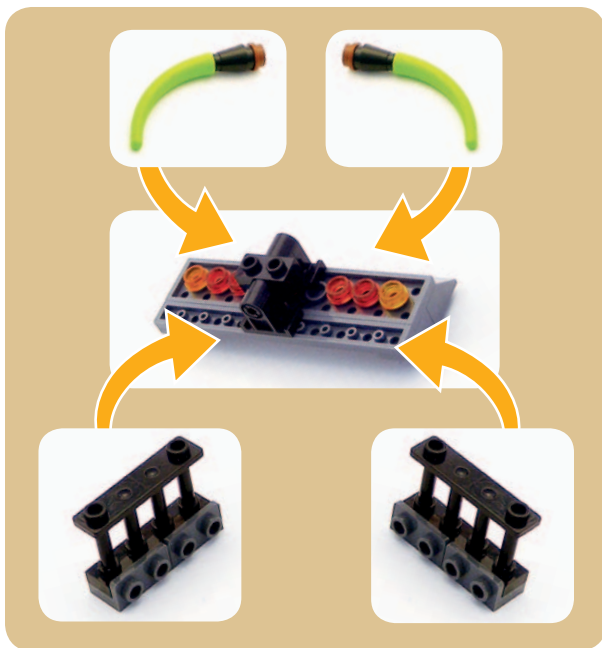
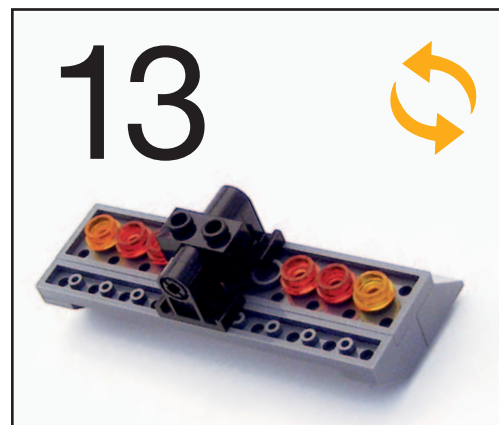
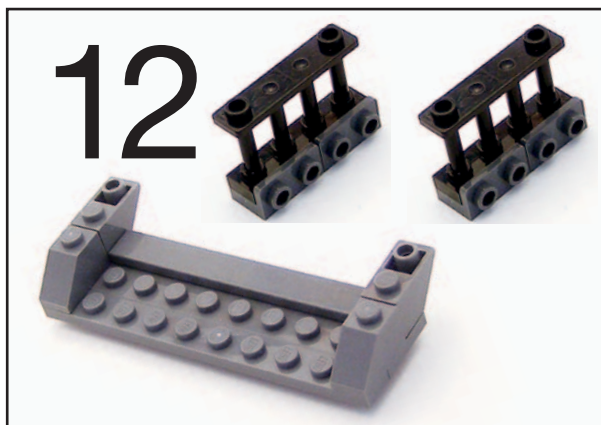
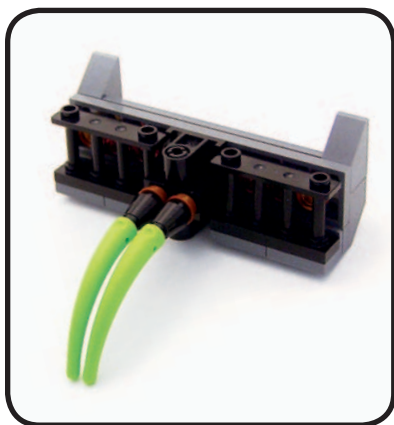
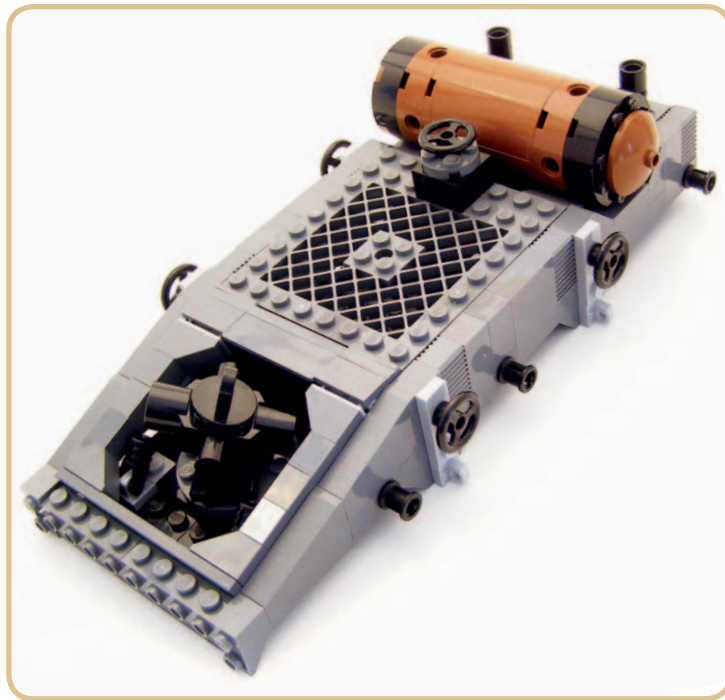
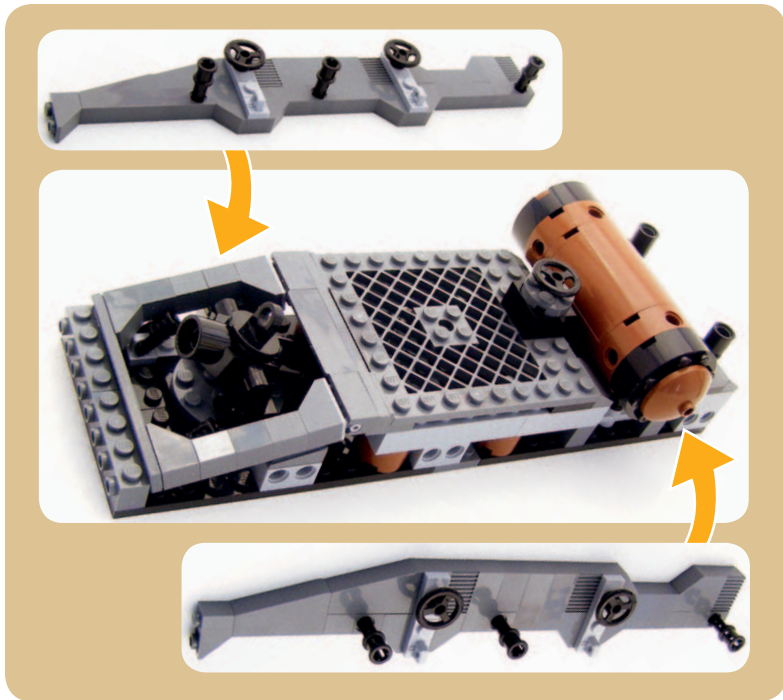
x2



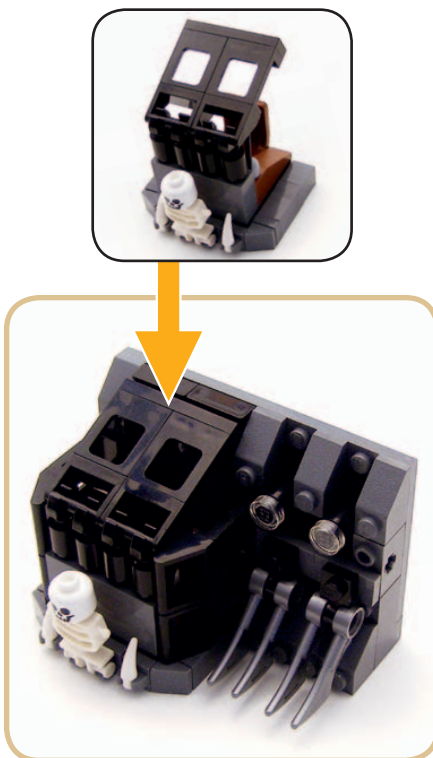
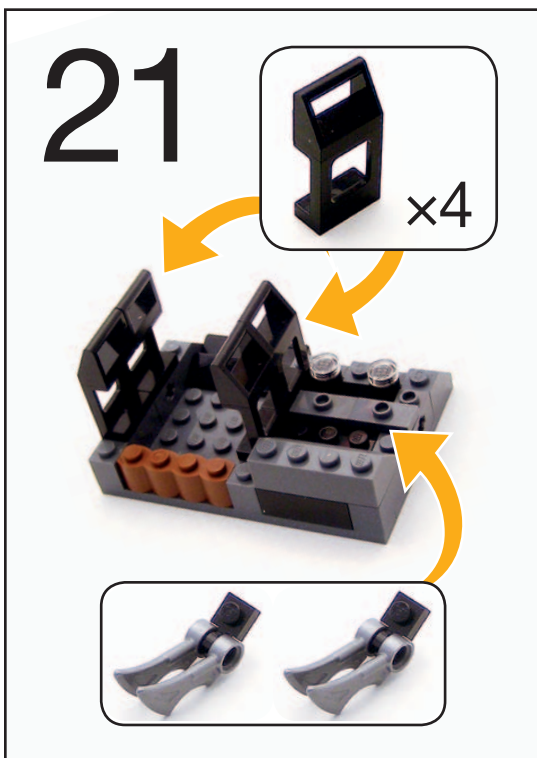
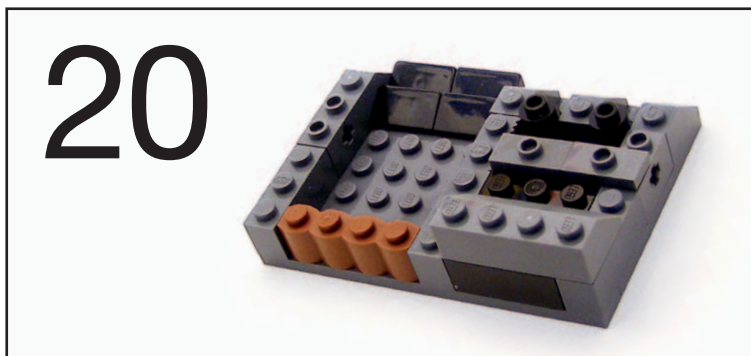
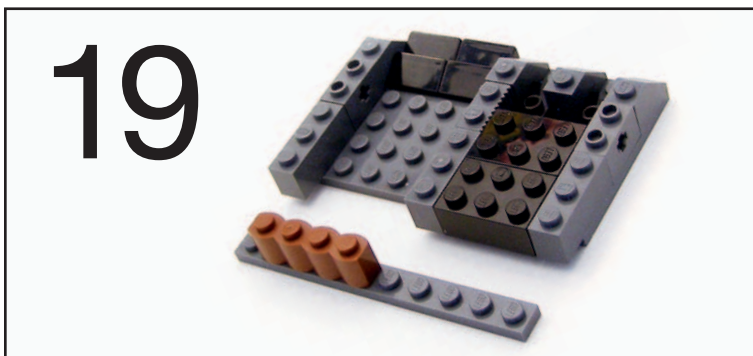
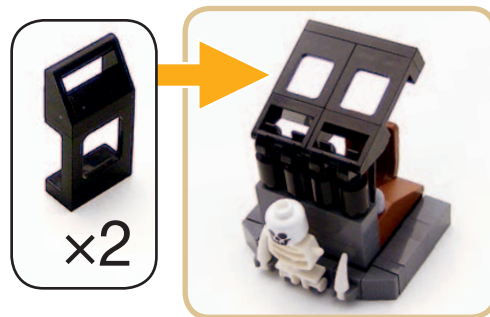
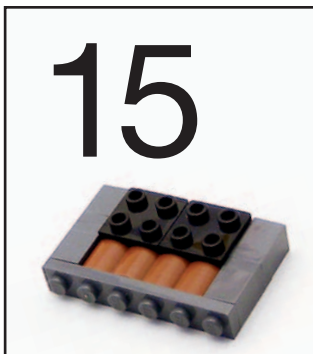
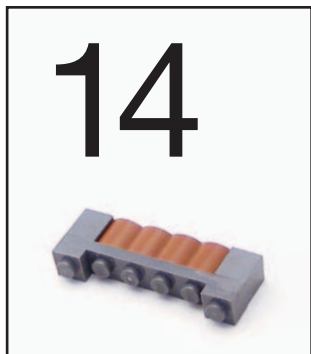
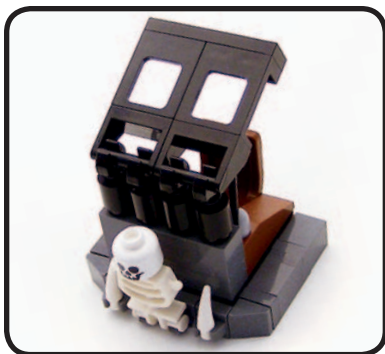
# 11







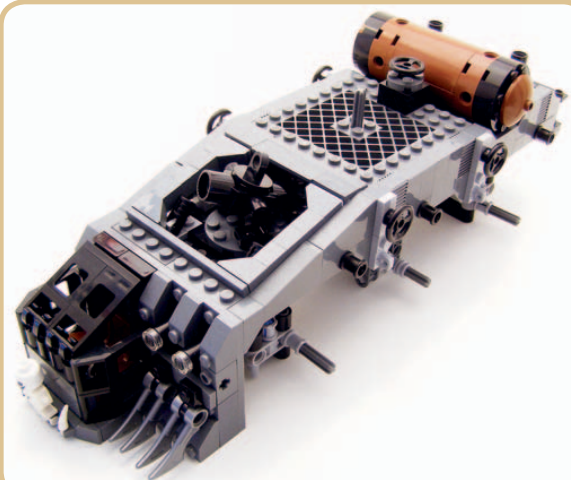
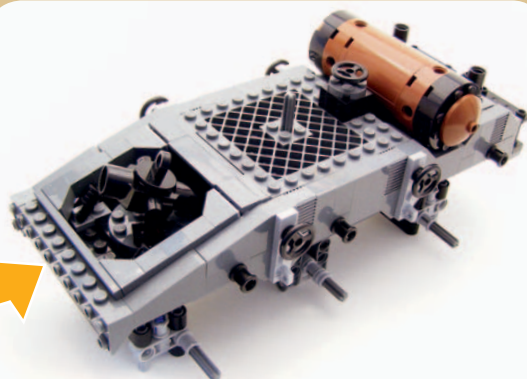
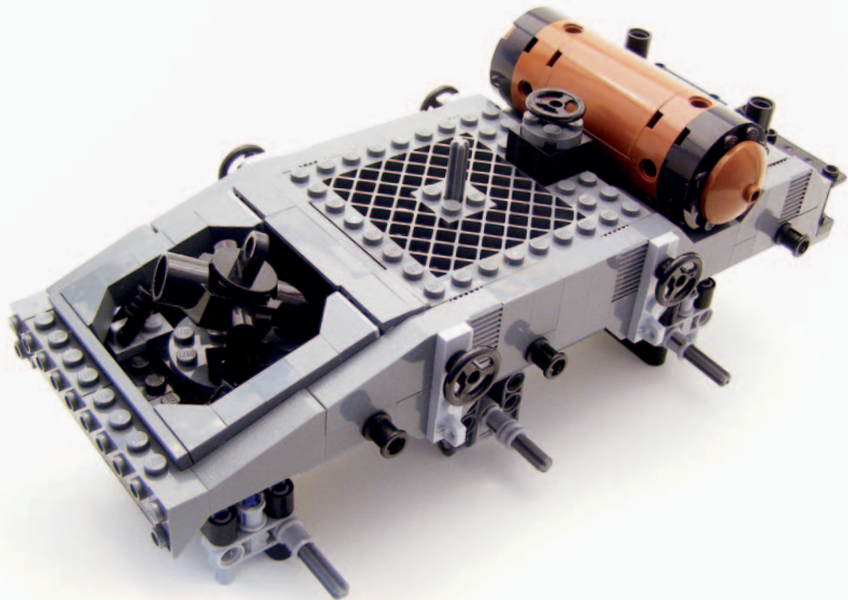
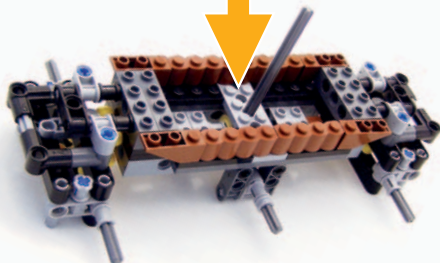
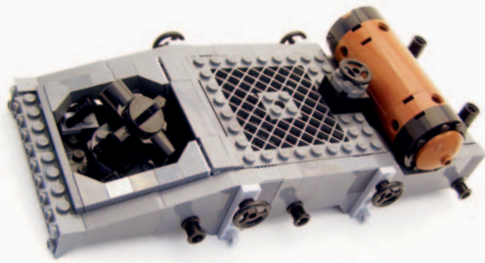




## BUILDING JOURNAL

Tyler's models are out of this world. He told me that, for him, the more unusual the idea, the better. His process usually begins with making sketches or finding images that inspire him. Then he starts building—finding the defining features of the model and fitting them all together. For his post-apocalyptic world, muted colors like greys and tans create a dingy, dusty, and broken end-of-civilization atmosphere.

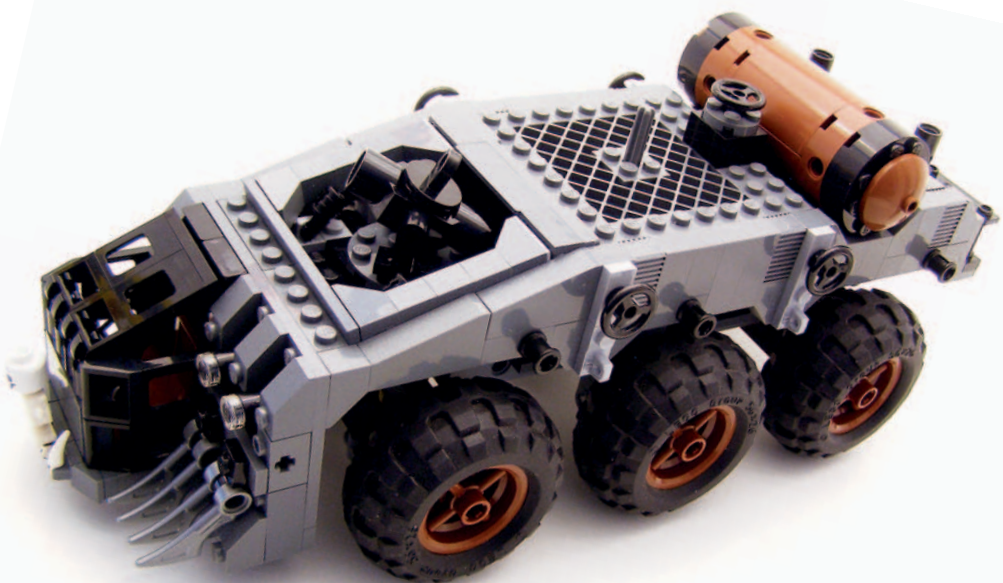




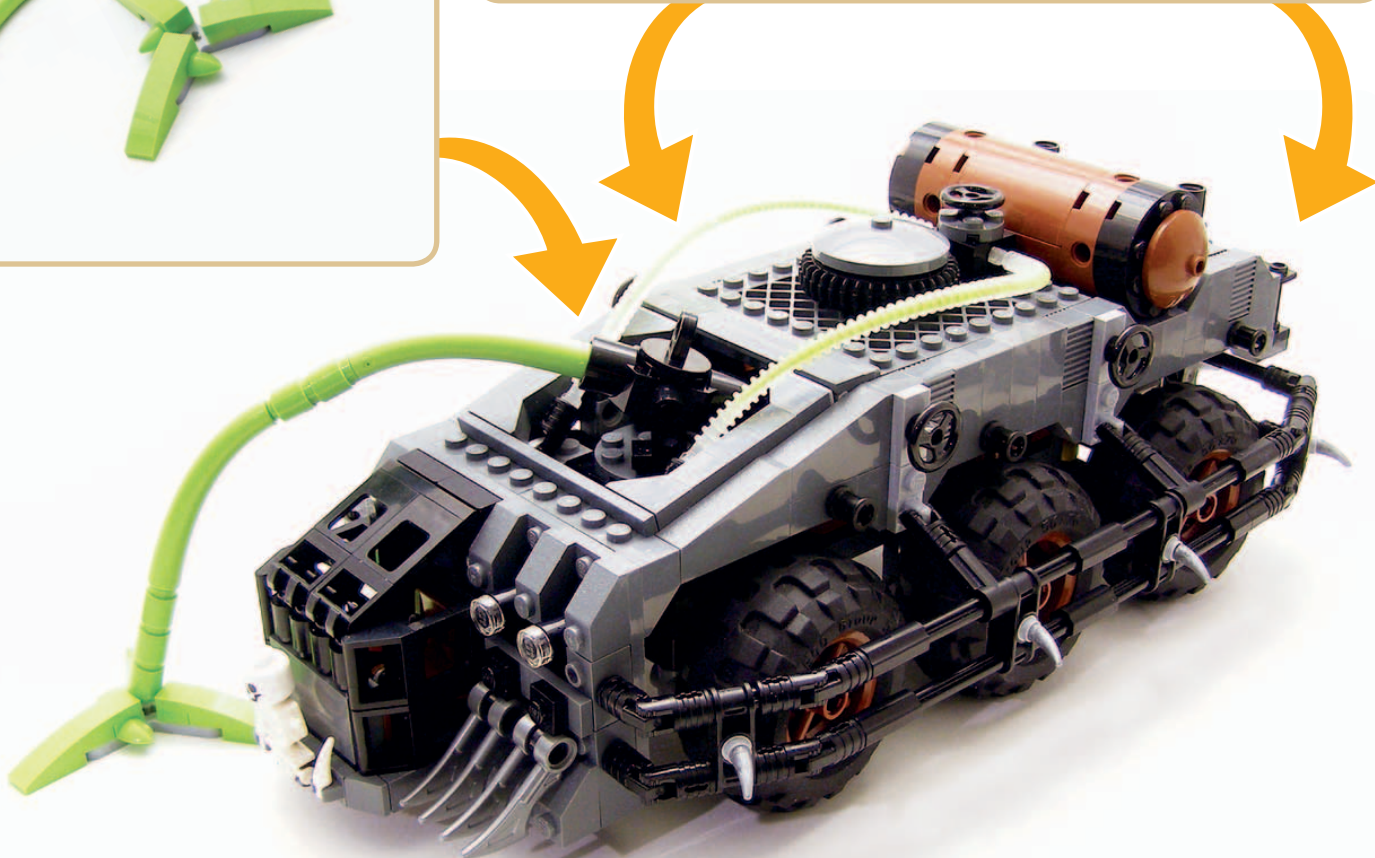
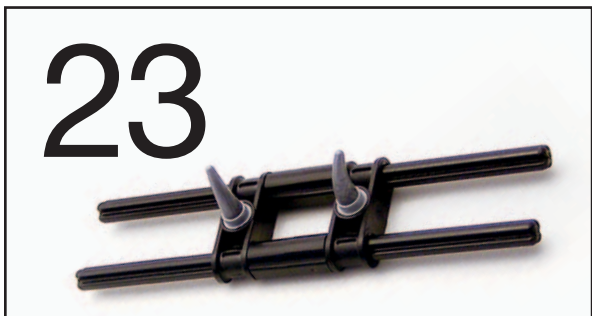
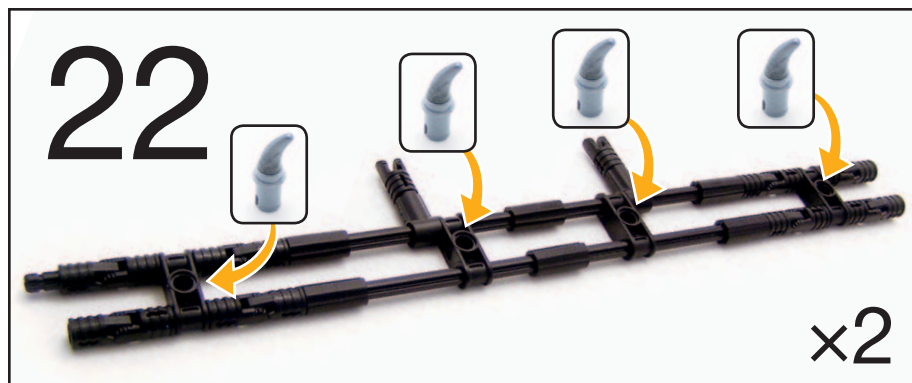
x6

### Building Tip

Adding six or more wheels will instantly turn any vehicle into something unusual.



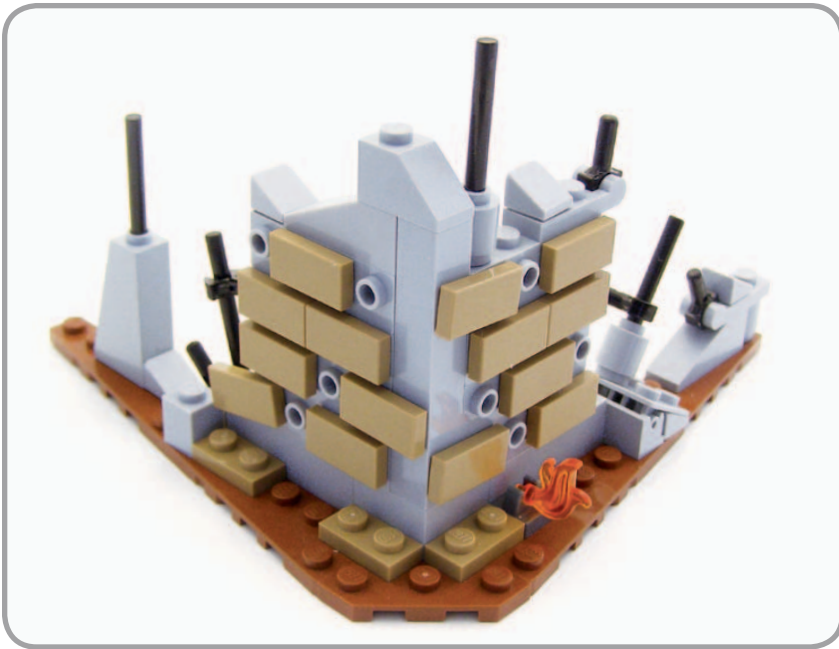
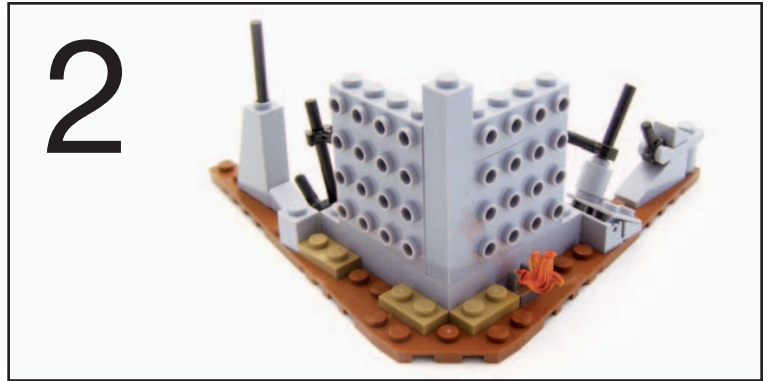
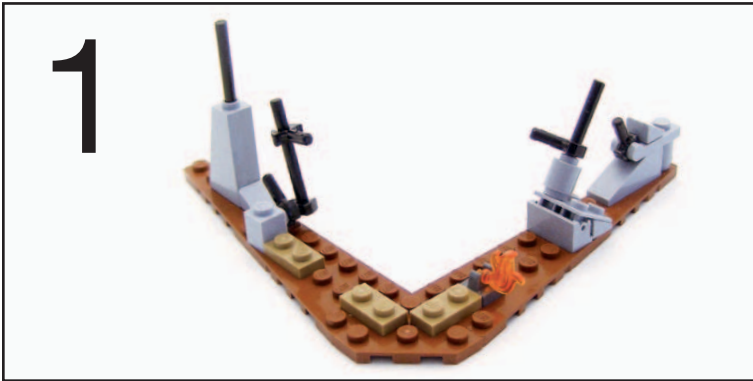




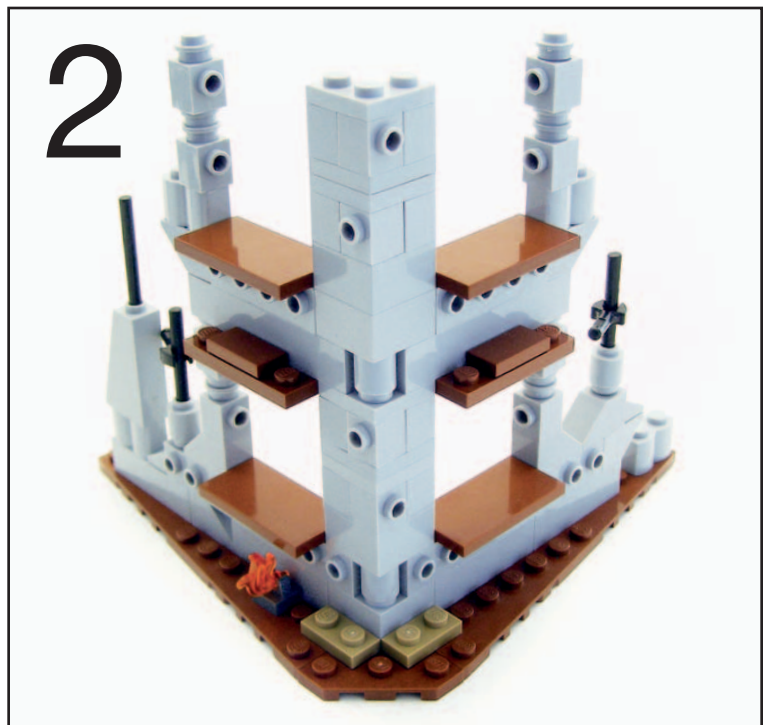
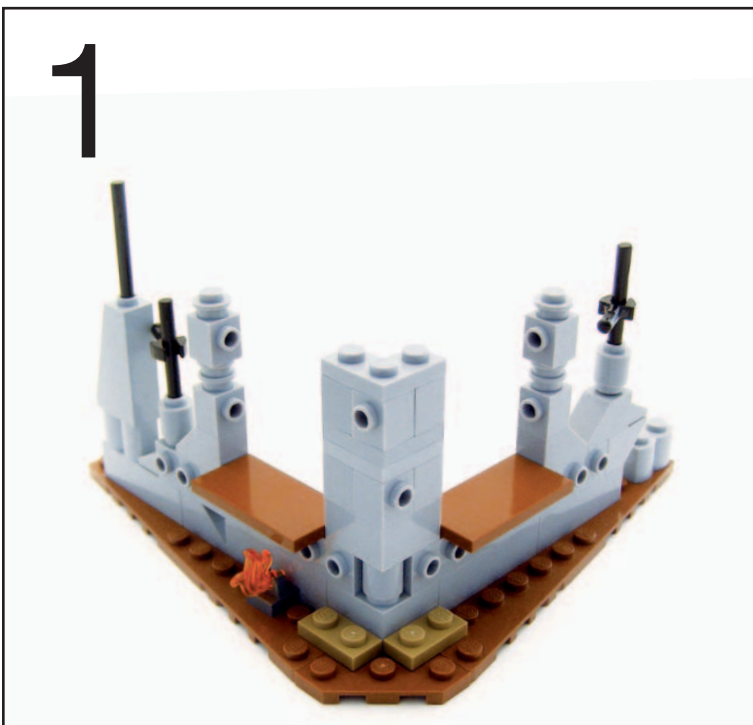






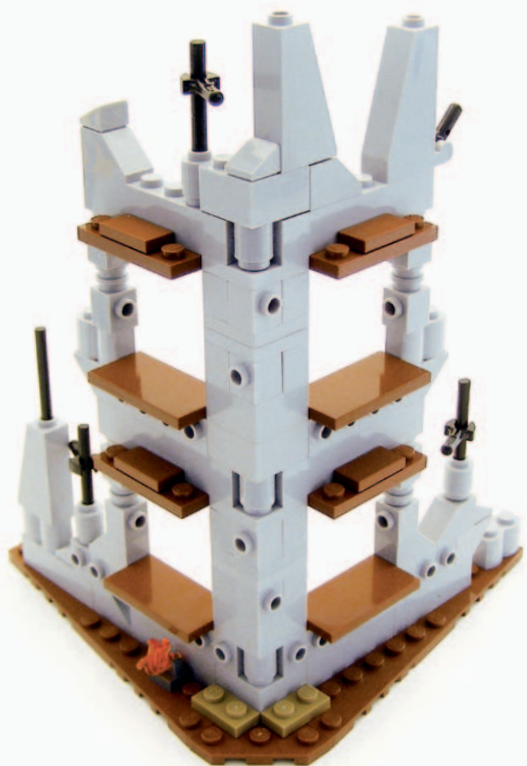


**Still Standing**

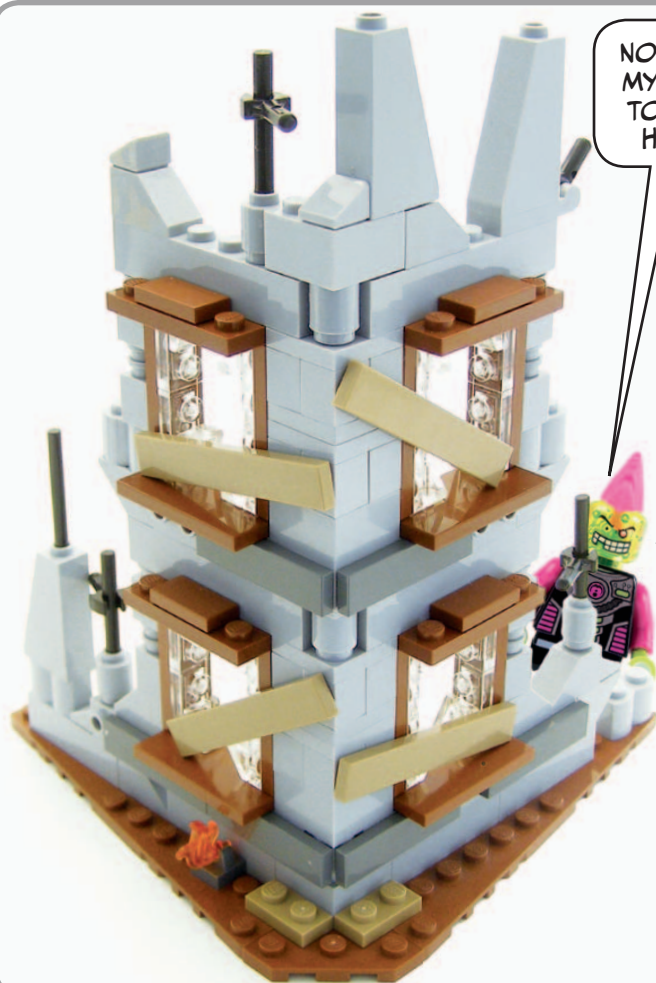
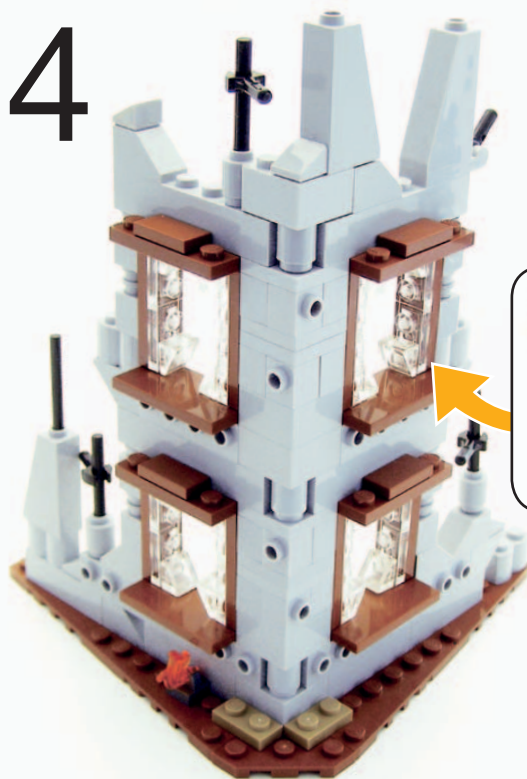




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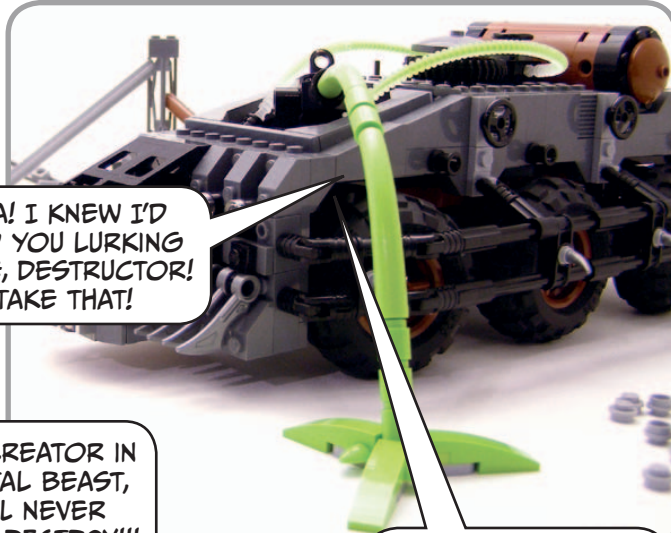
# 4



NOW THIS IS MY KIND OF TOWN...HEH HEH HEH.

AHA! I KNEW I'D FIND YOU LURKING HERE, DESTRUCTOR! TAKE THAT!

FOOLISH CREATOR IN YOUR METAL BEAST, YOU WILL NEVER CATCH ME! DESTROY!!!



ARGH! HE'S GETTING AWAY! TO THE TRANSPORT-O-LUX!


**ZOOOM!**







HELLO UP THERE! I DON'T KNOW WHO YOU ARE, BUT WELCOME TO THE LAND OF HISTORICA! I'M MARCO, AND YOU'RE JUST IN TIME TO HELP US REBUILD OUR DEFENSES.



HI, MARCO, I'M MEGS. IT SURE LOOKS LIKE YOU COULD USE SOME HELP.

WE'VE HAD OUR SHARE OF MONSTERS HERE, BUT THERE'S A NEW CREATURE ABOUT.



WOULD THAT CREATURE BE A PINK-HAIRED DESTRUCTION MONSTER? I'VE BEEN AFTER THE FOUL BEASTIE FOR A WHILE NOW AND ALMOST HAD HIM, BUT HE GOT AWAY.

YES, THAT SOUNDS LIKE THE MONSTER WHO ATTACKED OUR GUARD POST. WE'D BETTER START REPAIRING THE TOWER NOW, BEFORE HE OR ANY OTHER MONSTER SHOWS UP!

OK, LET'S DO IT!



# A Veritable Fortress



# Marco den Besten

**Nickname:** 'Ecclesiastes

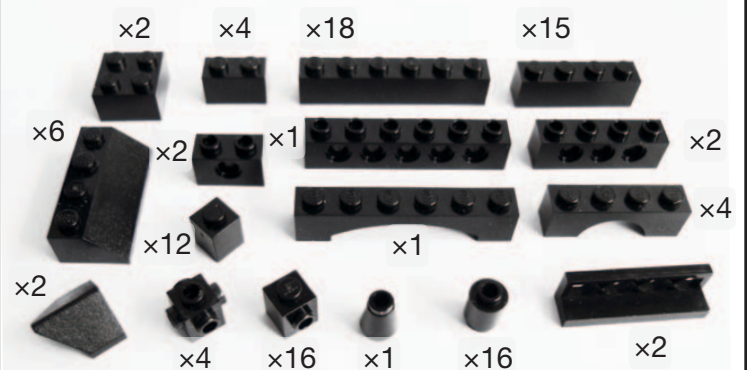
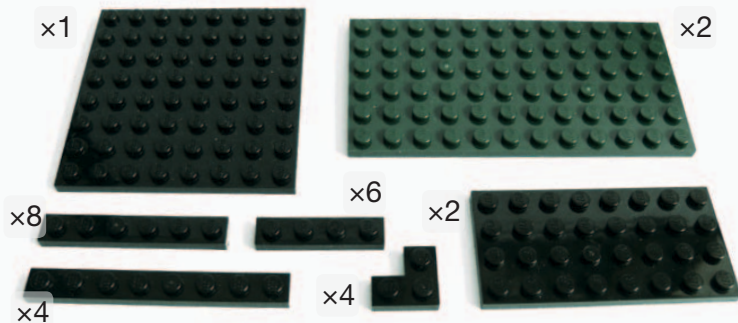
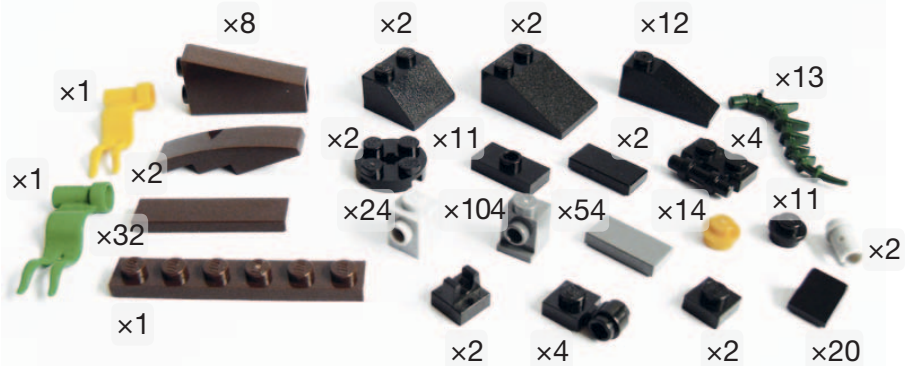
**Profession:** Sales Manager

**Nationality:** Dutch

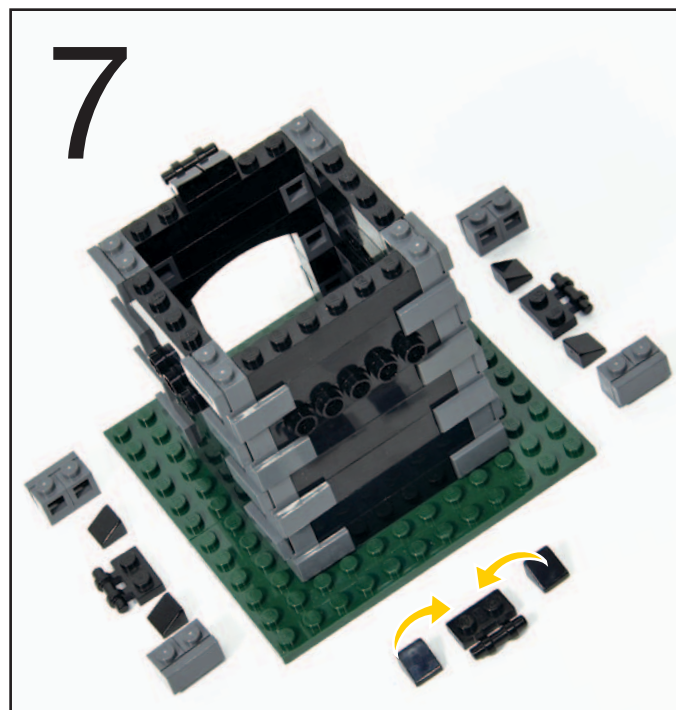
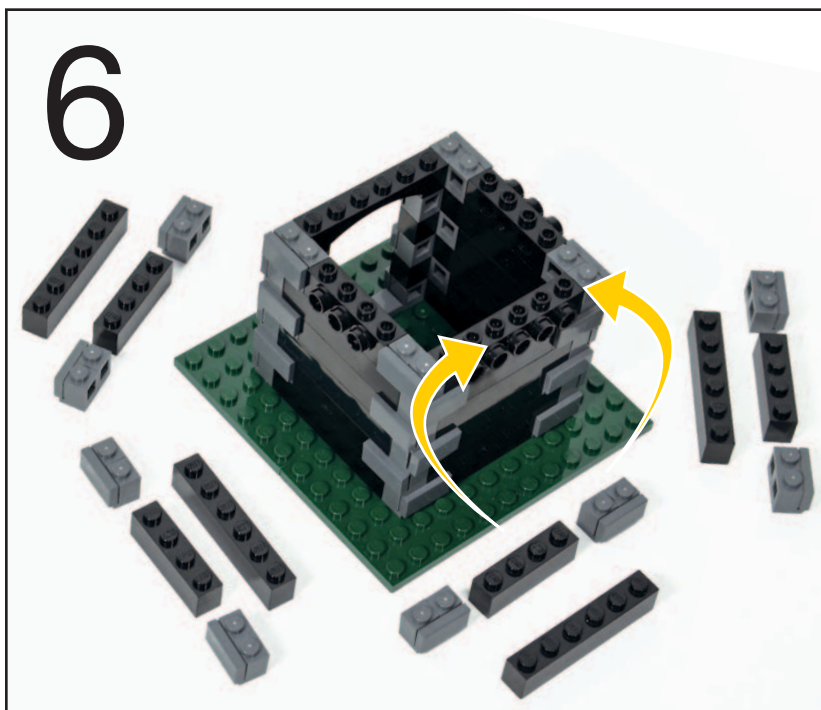
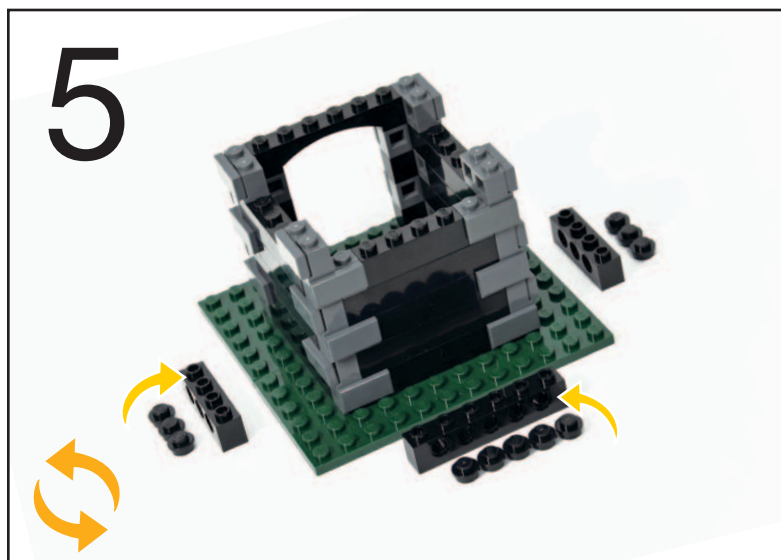
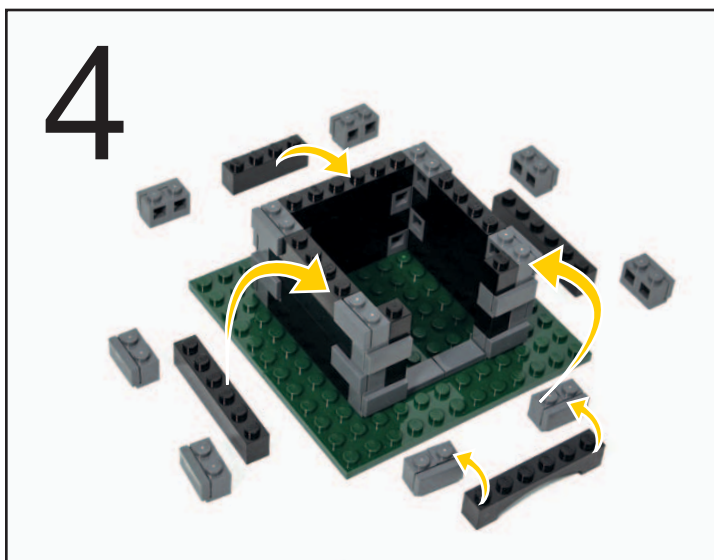
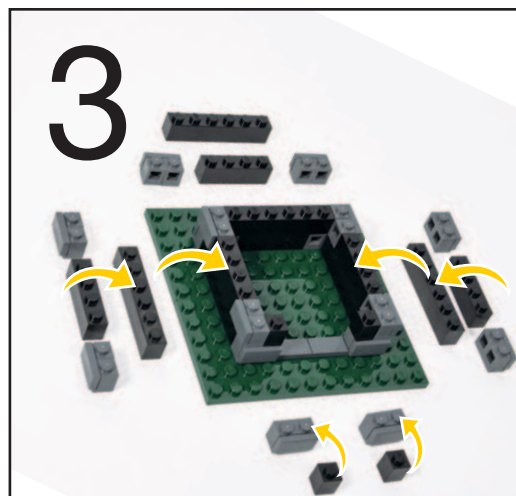
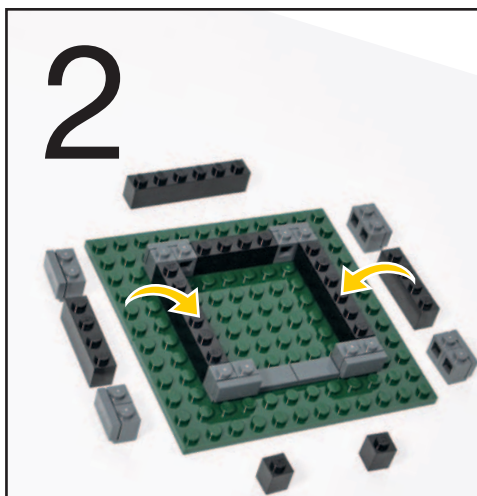
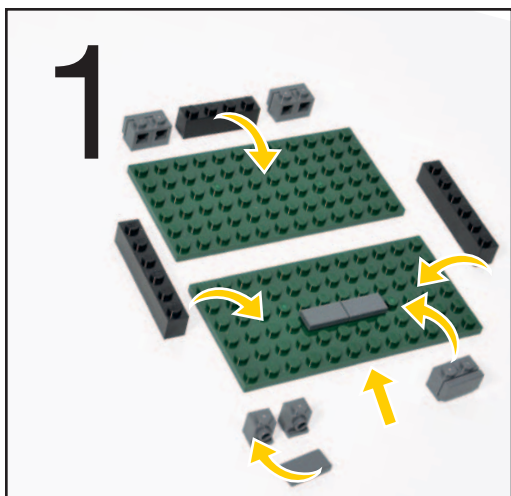
**Website:** [www.flickr.com/photos/mcdenbesten/](http://www.flickr.com/photos/mcdenbesten/)



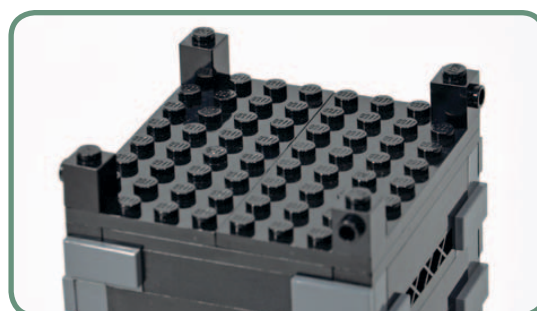
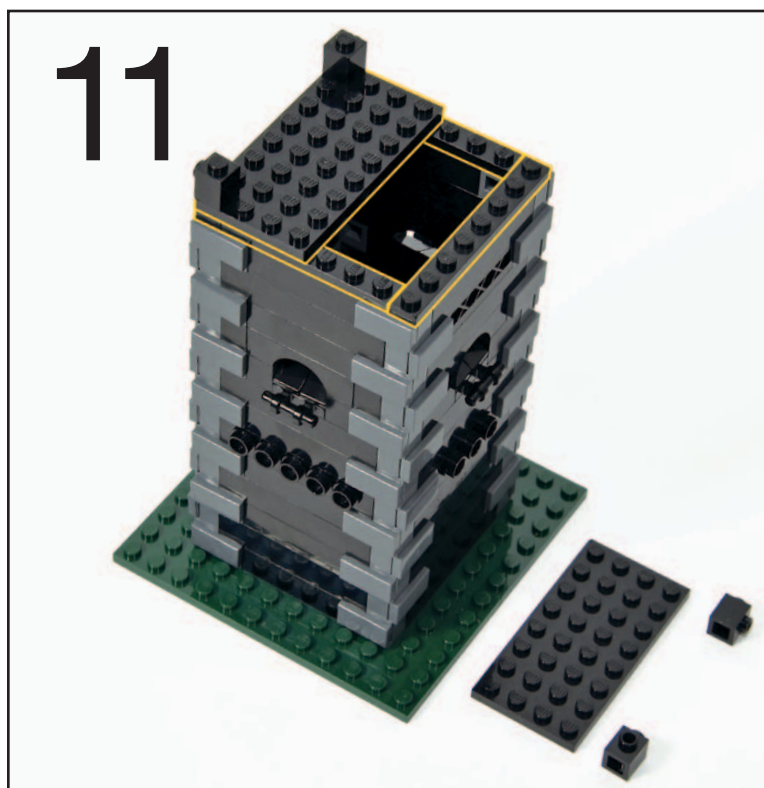
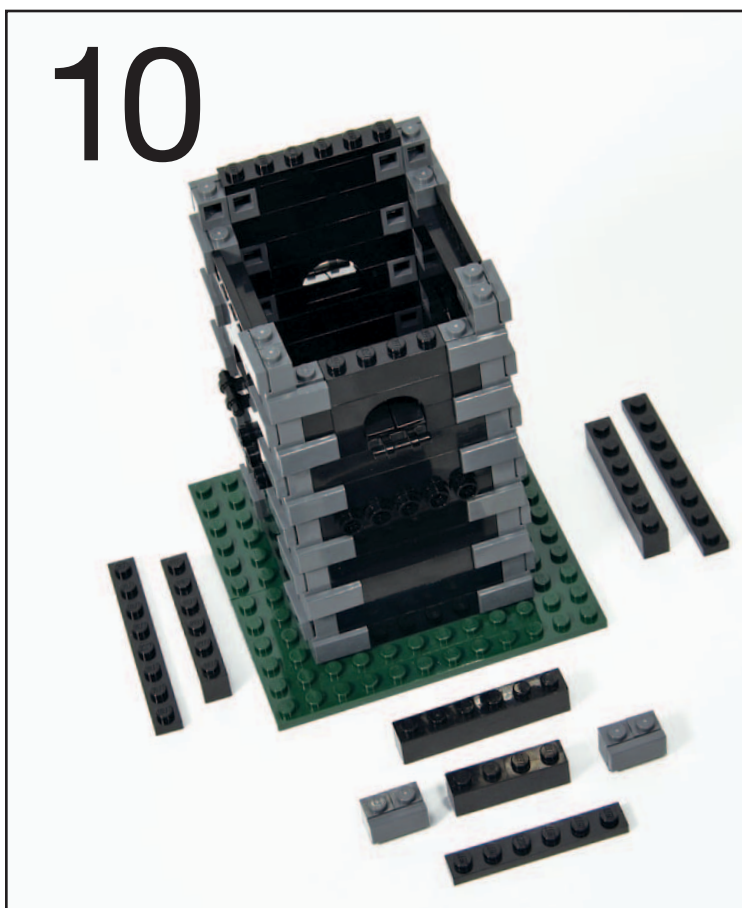
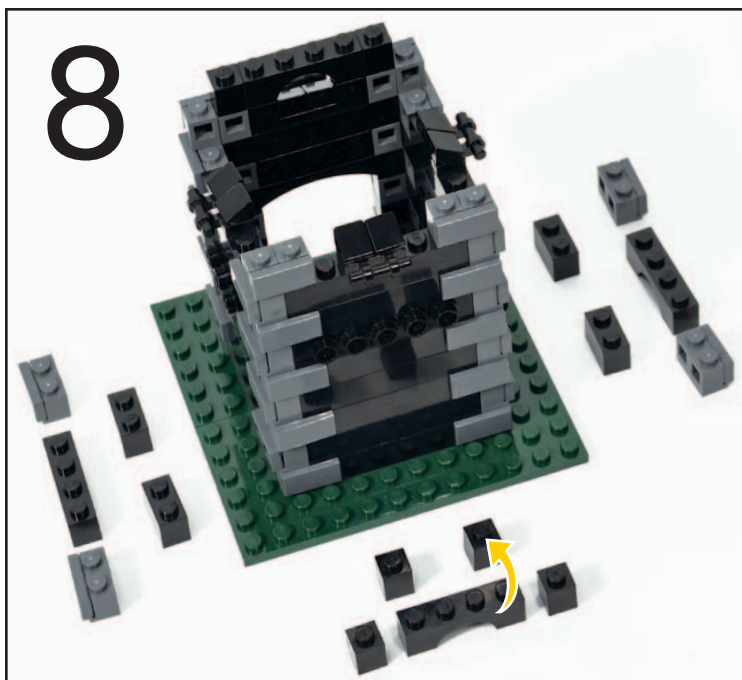
# Watchtower







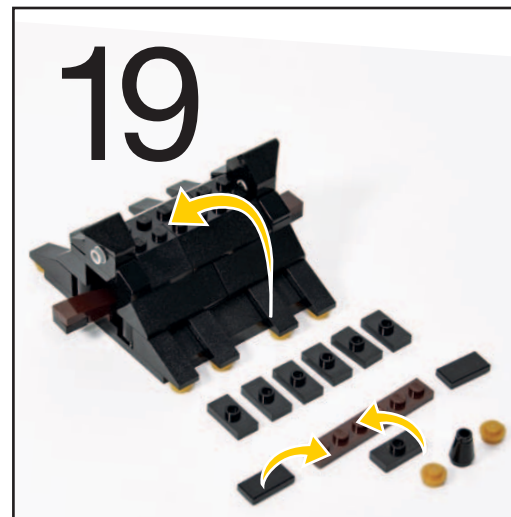
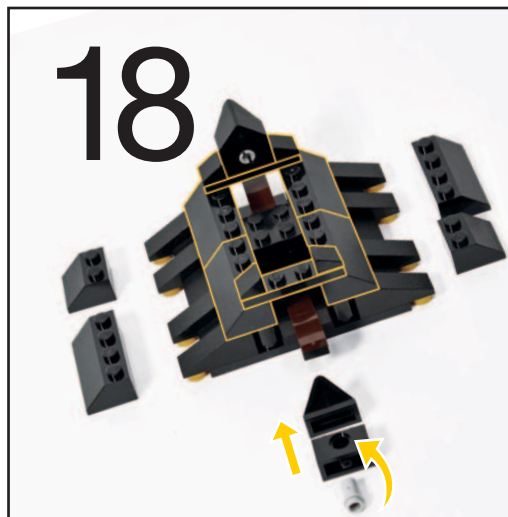
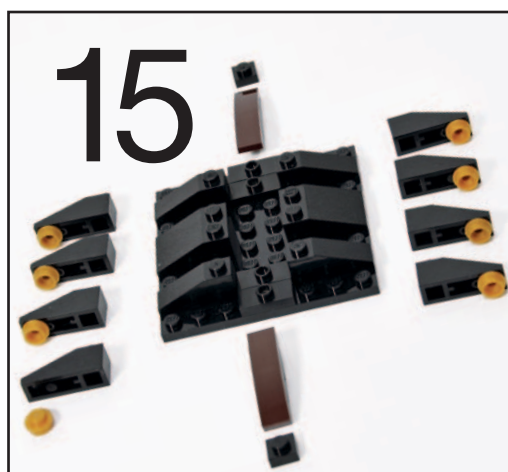
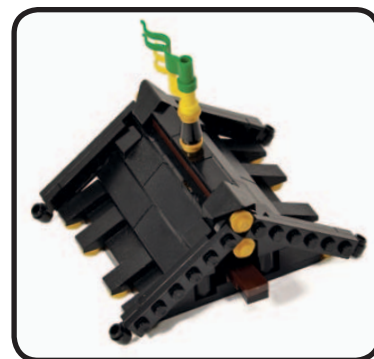
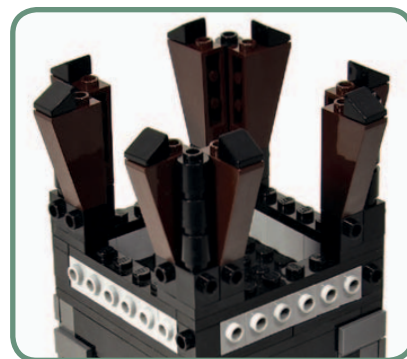
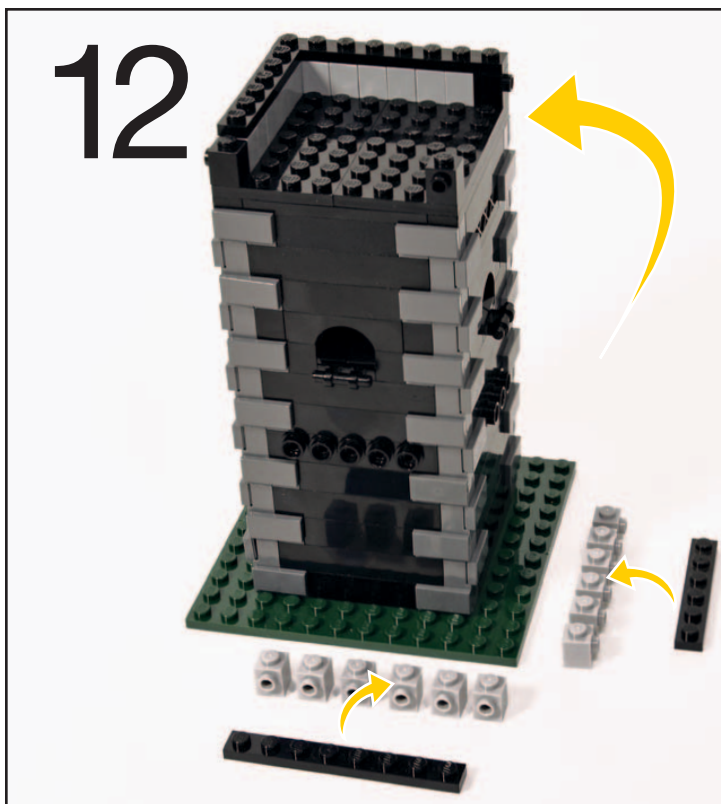




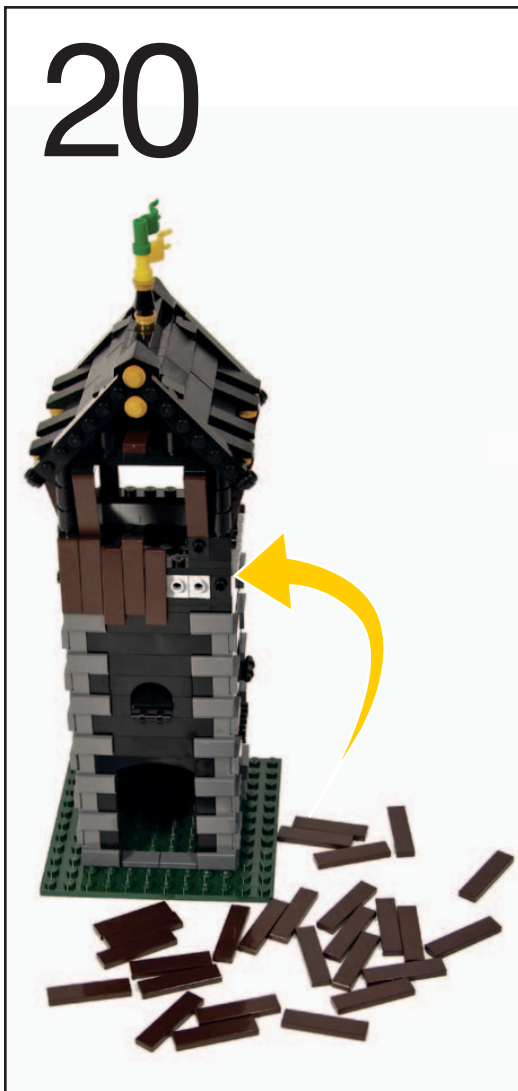
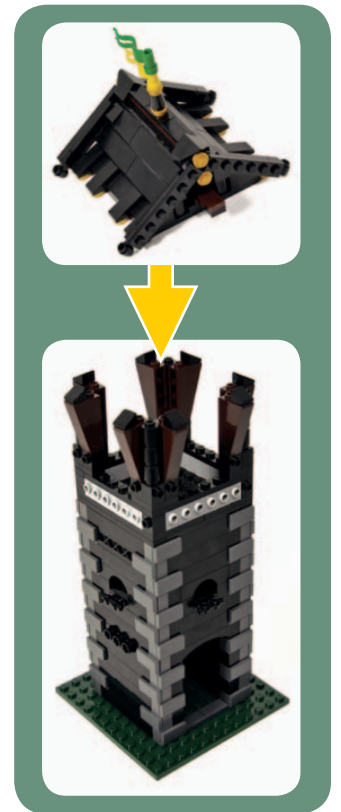
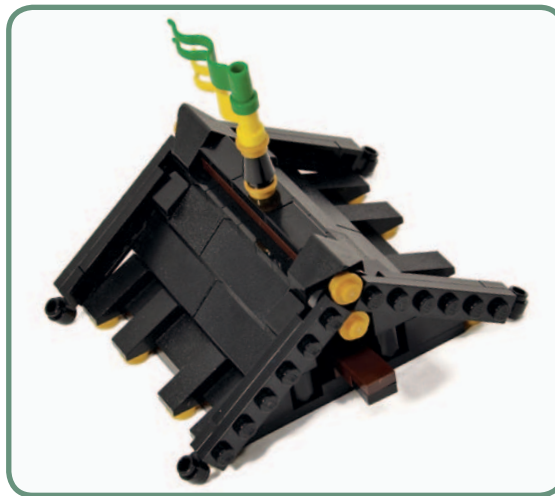
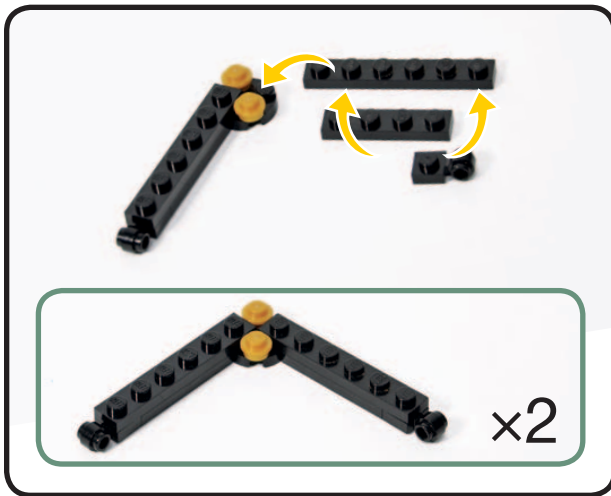
### Building Tip

Using an accent color for the cornerstones will give your building more character and create the appearance of ancient stonework.





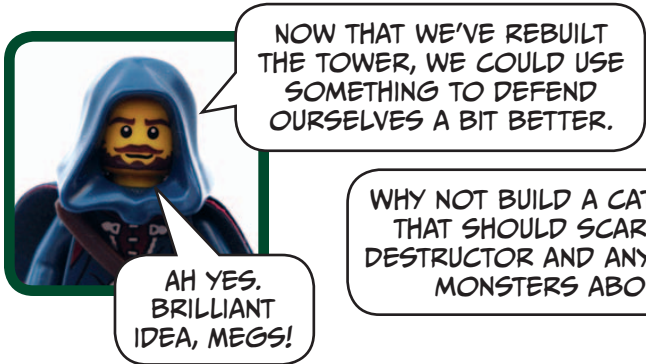




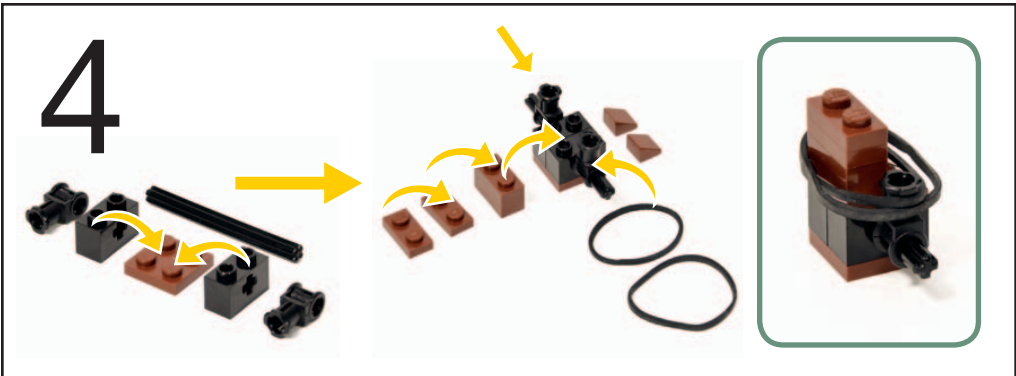
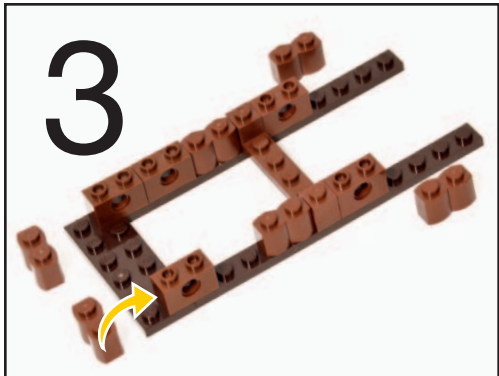
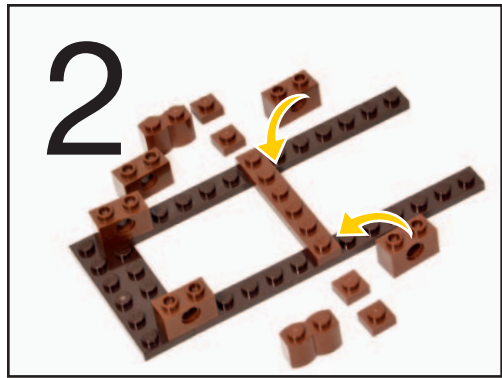
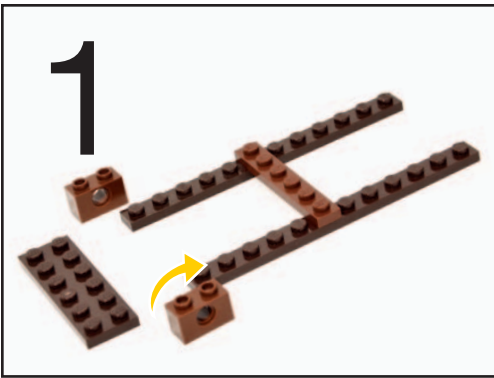
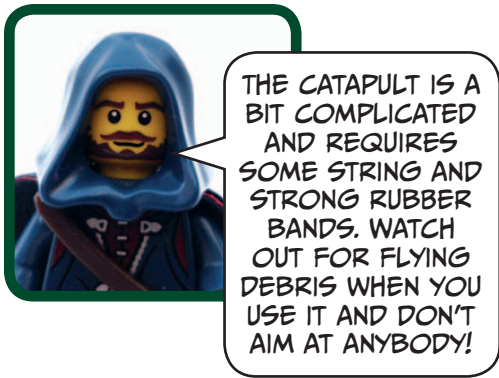
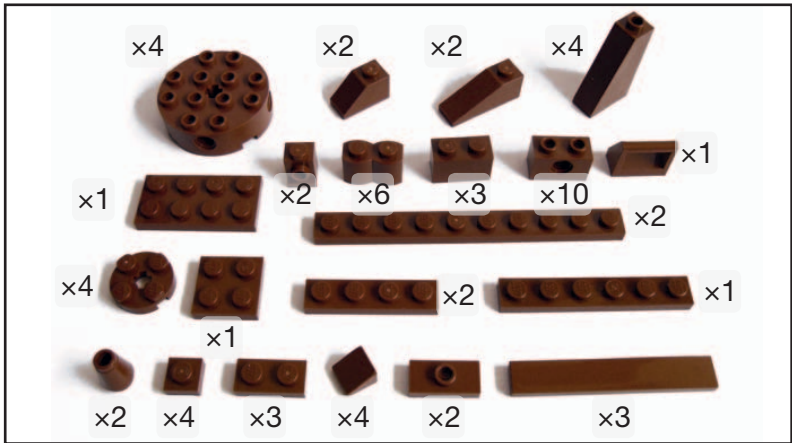
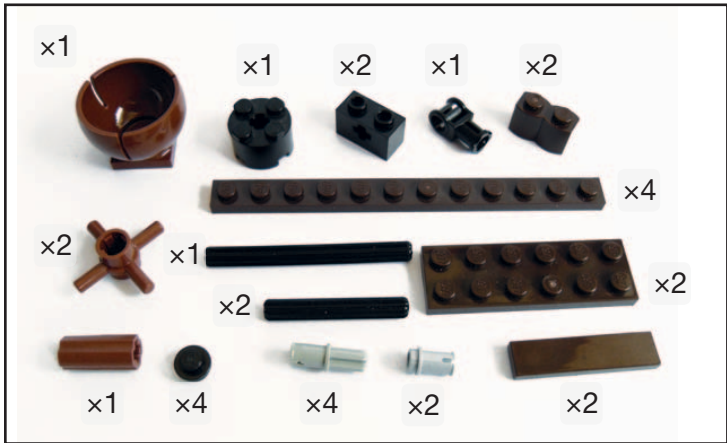
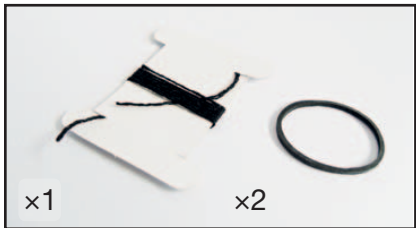
### Building Tip

Use multiple plant pieces in combination to make trees or add flowers for atmosphere.

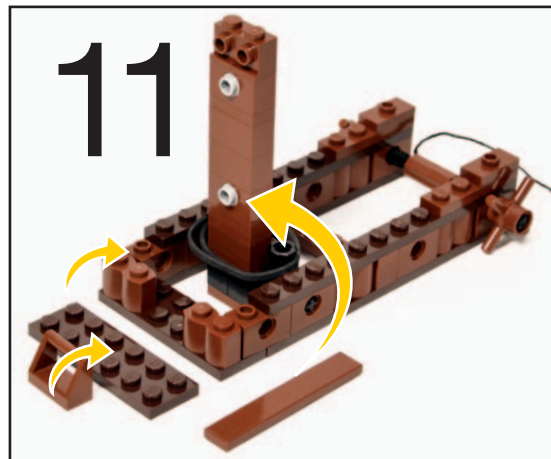
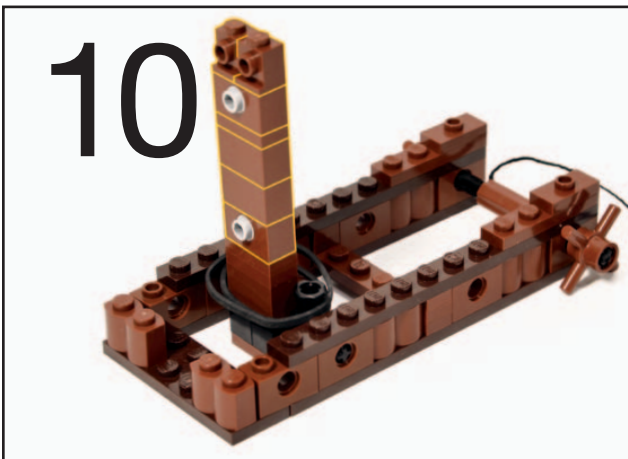
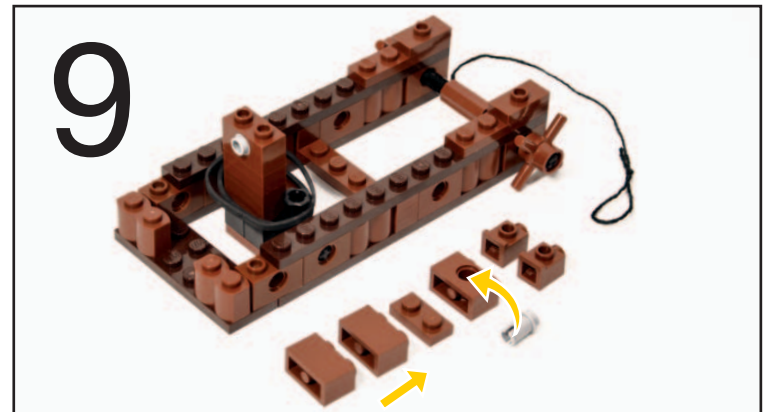
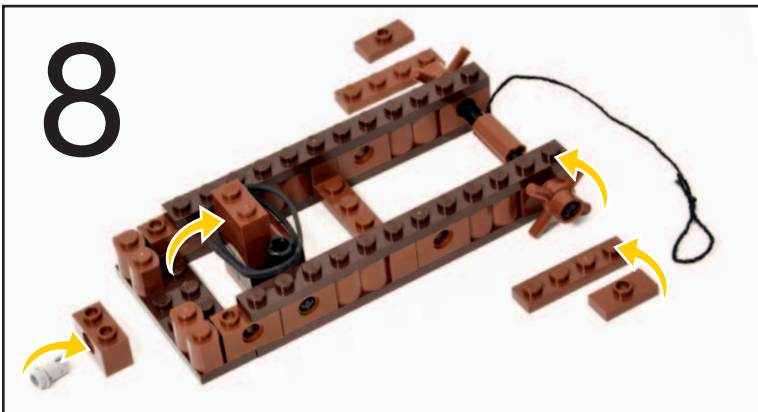
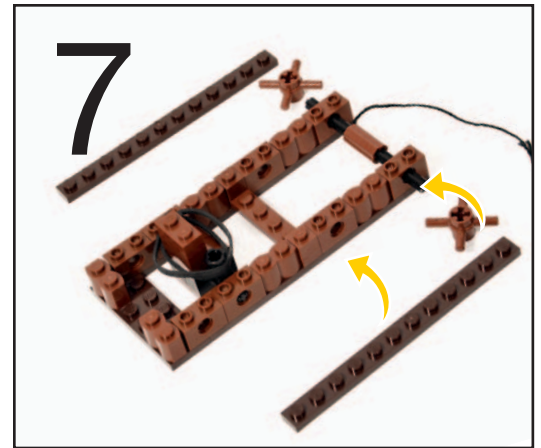
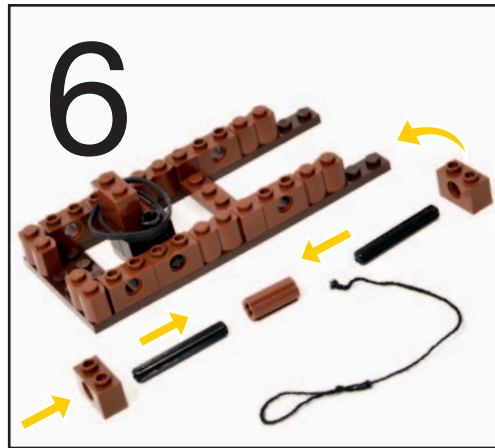
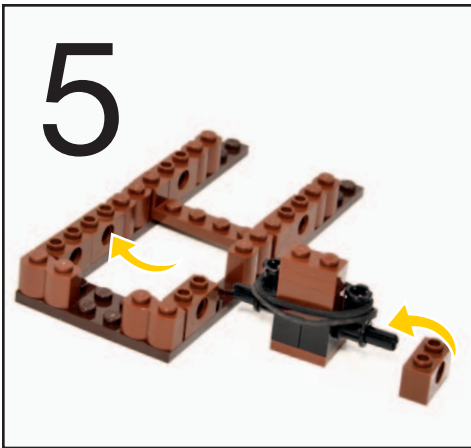




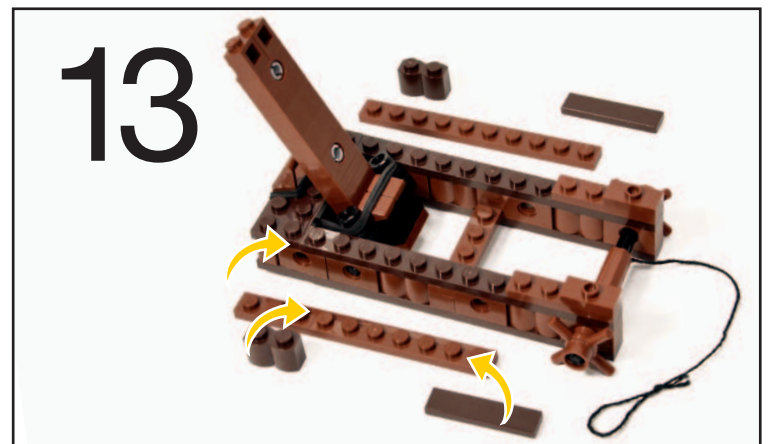
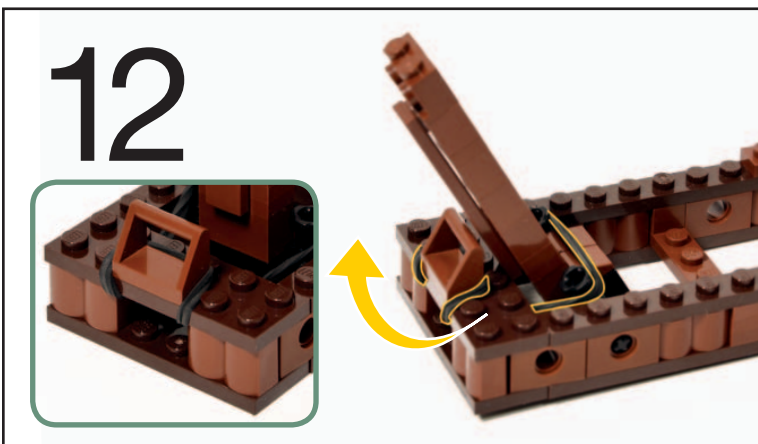
# Catapult



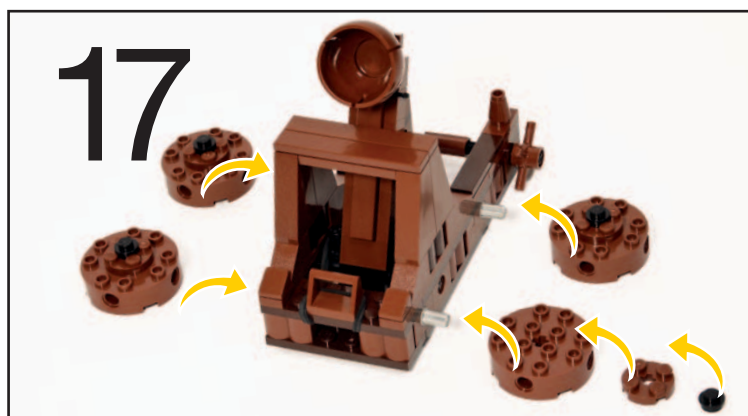
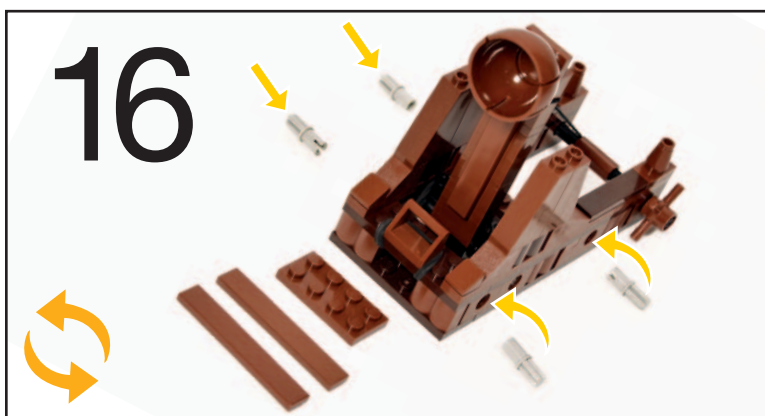
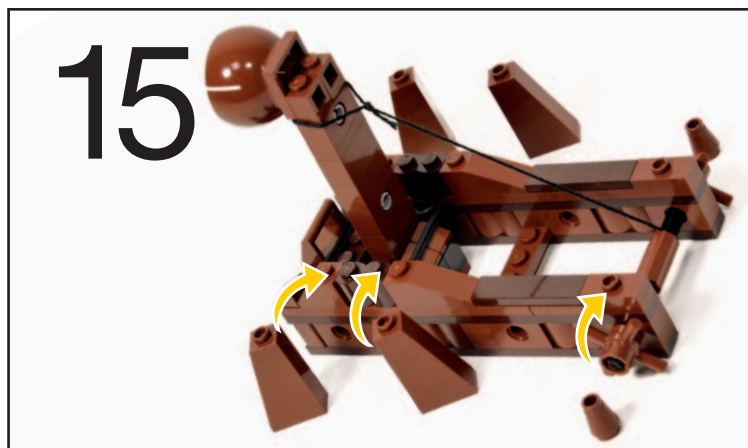




**Building Tip**  
Putting the rubber band on can be a bit tricky. First thread it under the 2x6 plate and pull it over the 1x2 handle, and then adjust it on the catapult.







### Building Tip

You can add more rubber bands to the catapult to increase its power, but adding too many could break it apart.

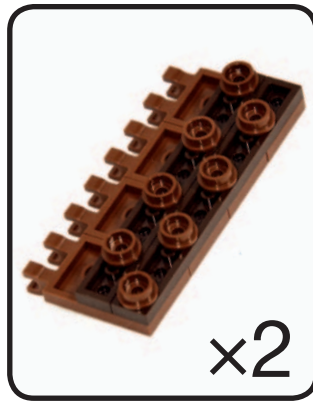
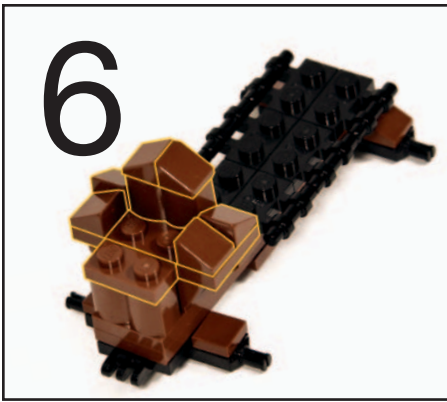
### BUILDING JOURNAL

Marco has created a very cool world! He often finds inspiration in online building contests. Before he starts building any structures, he uses minifigures to come up with new characters, which are essential to his models. He thinks about what kind of environment they would live in, like snow, mountains, or swamplands, and considers the elevation. After he has built the terrain, he imagines the kind of buildings that would exist there. He plans it all out in his head and then builds each model to suit its environment. When I build, I should consider not only the buildings but their surroundings and how they flow with each other.

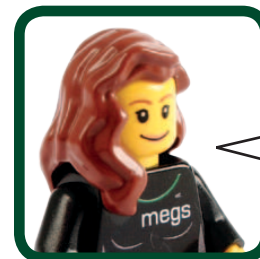
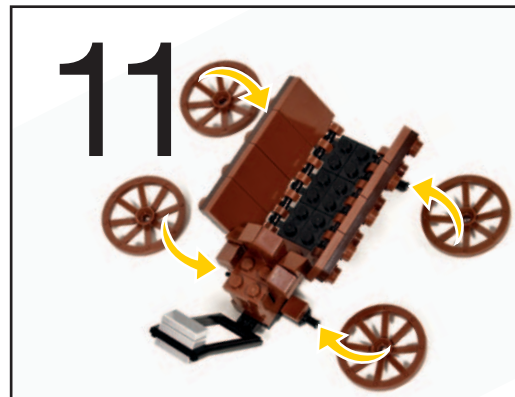
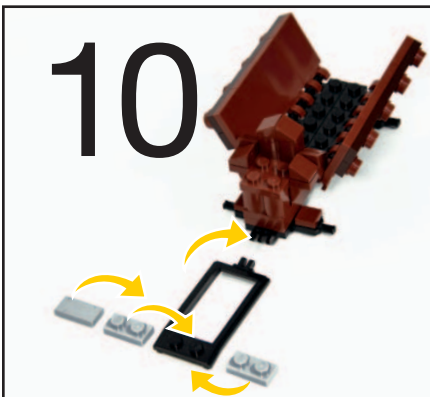
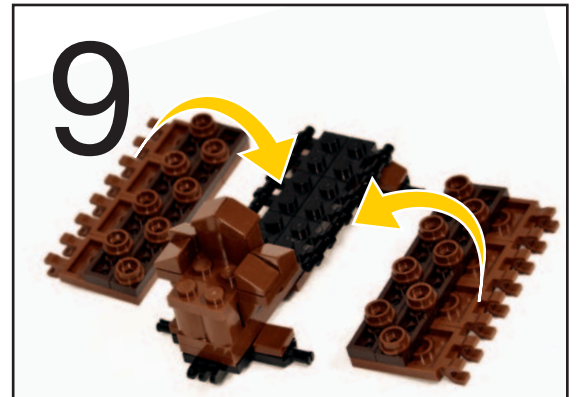
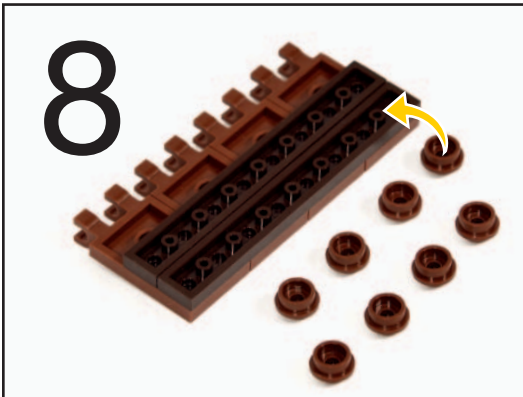








**Building Tip**  
The sides of the cart can be in any colors. Try giving the cart your own twist.



THAT WAS A GOOD FISH DINNER, MARCO, BUT I SHOULD GO AFTER THE DESTRUCTOR NOW.

IT WAS NICE TO MEET YOU, MEGS. THANK YOU FOR YOUR HELP—AND SAFE TRAVELS!





## ***HISTORICA***

Guilds of Historica is an online building community. People can join one of the guilds, share their models, and participate in building challenges. Each guild has a different focus, so builders can join one that fits their style and interests. For more information, visit: [www.eurobricks.com/forum/index.php?showforum=145/](http://www.eurobricks.com/forum/index.php?showforum=145/).

## **Garra Tower**

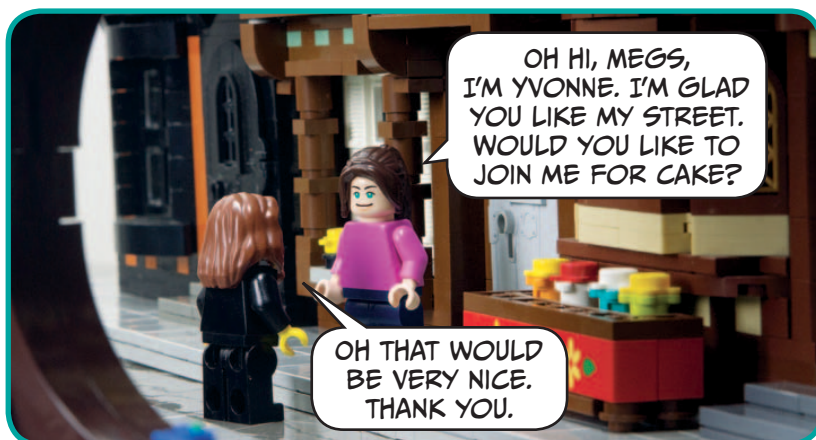
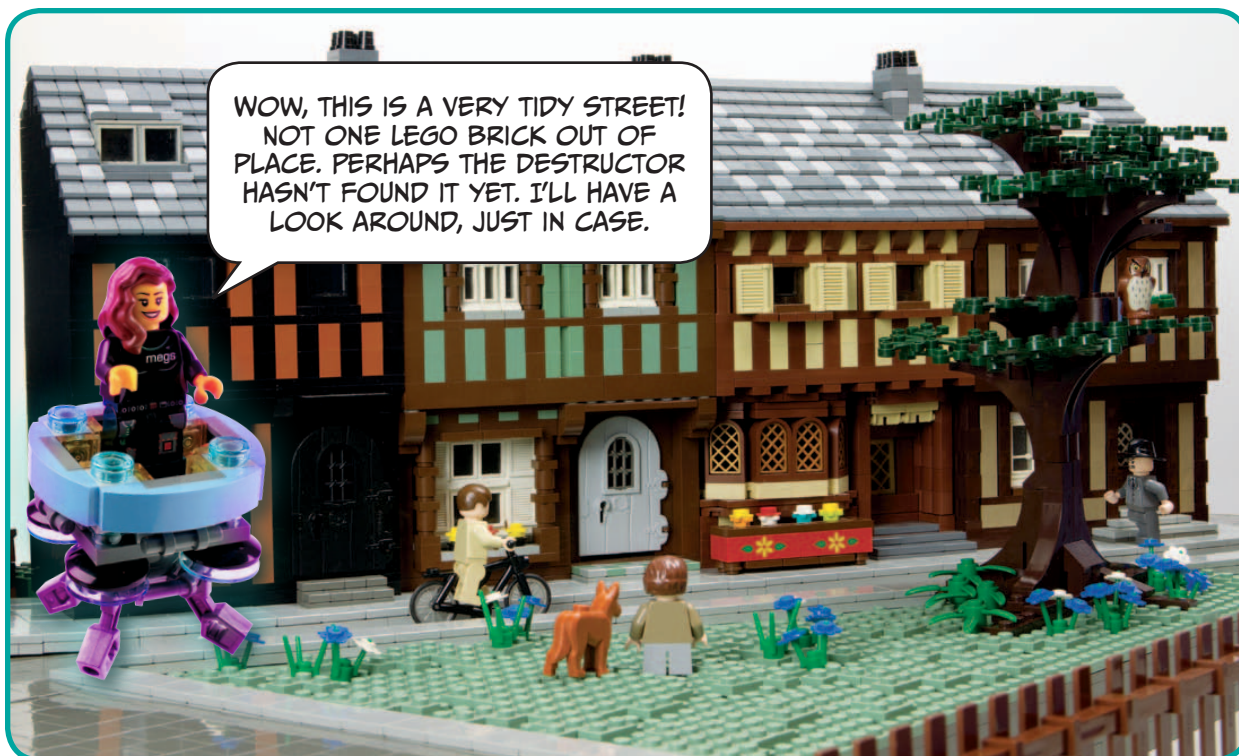


## **Eaurios**



## **Ondylion City**







# Brick Friends



# Yvonne Doyle

**Nickname:** {YVD}

## Profession: SQL Programmer

**Nationality:** British

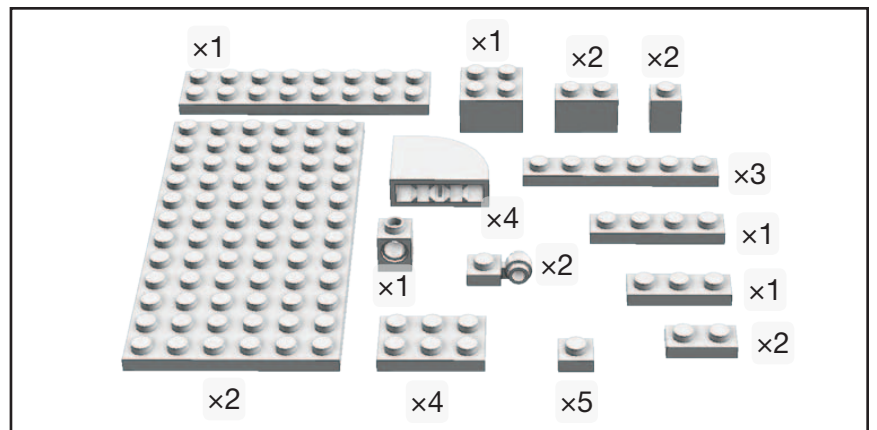
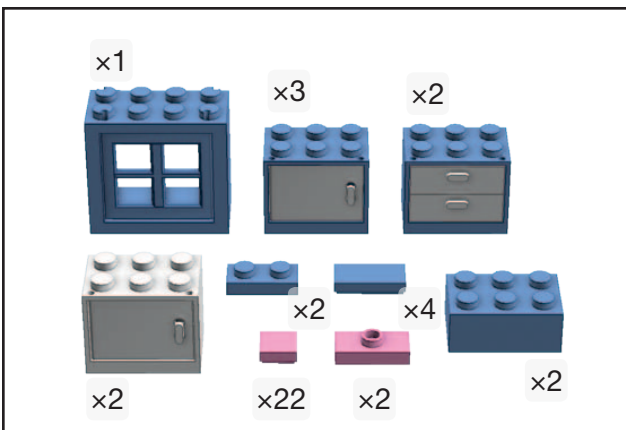
**Website:** [www.flickr.com/photos/yvonnedoyle/](http://www.flickr.com/photos/yvonnedoyle/)



# Classic Kitchen



MY KITCHEN CAN BE BUILT  
IN A LOT OF DIFFERENT  
COLORS AND WITH DIFFERENT  
CABINETS. IT'S EASY TO  
BE AN INTERIOR DESIGNER  
WITH LEGO BRICKS.

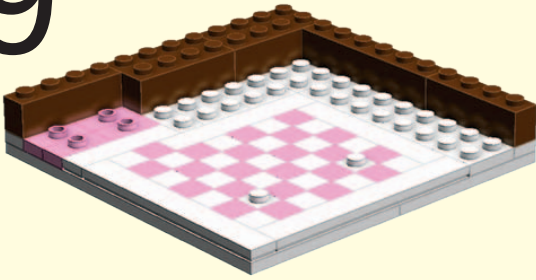




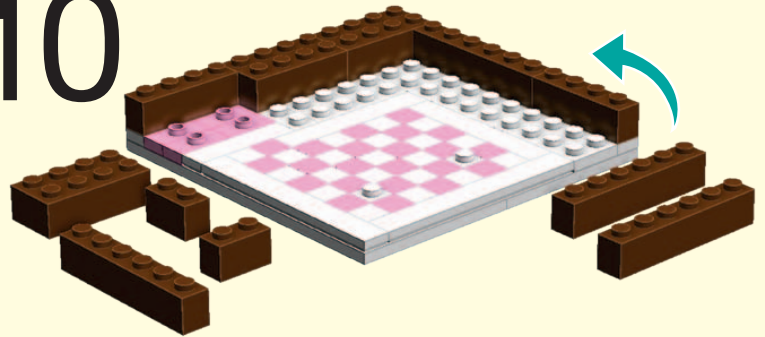




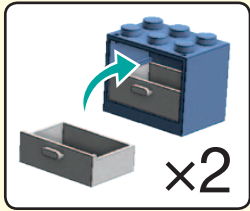
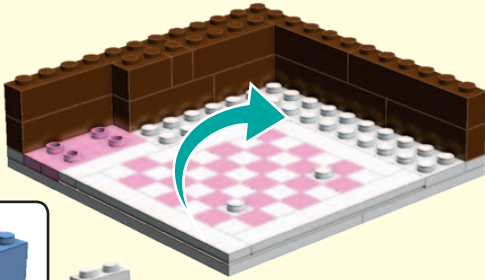
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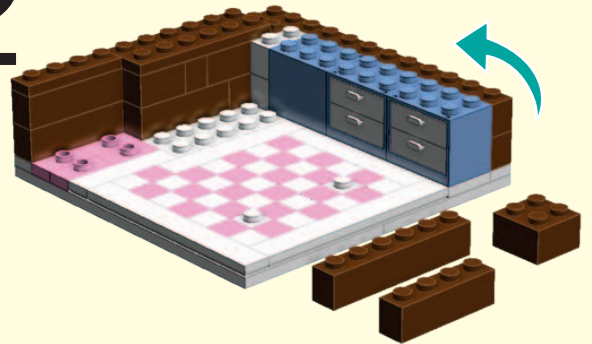
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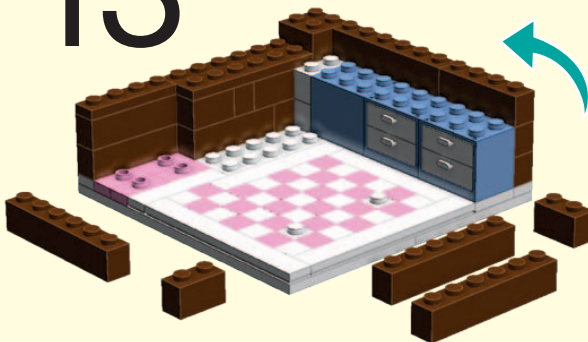
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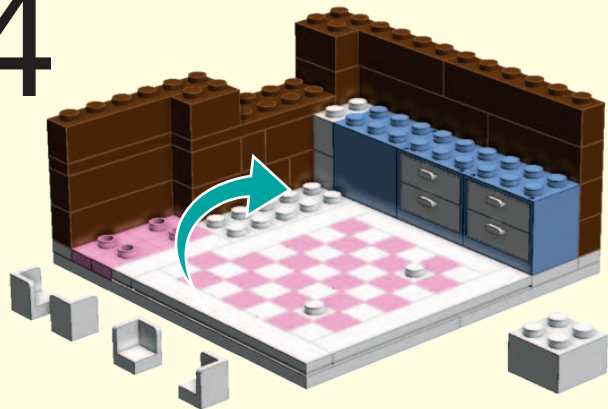
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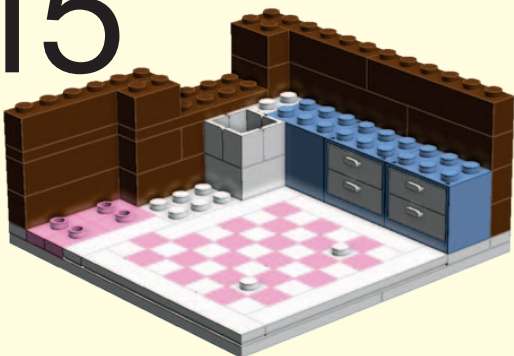
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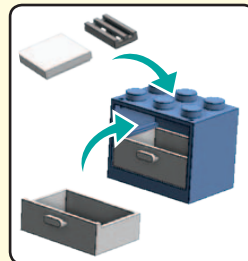
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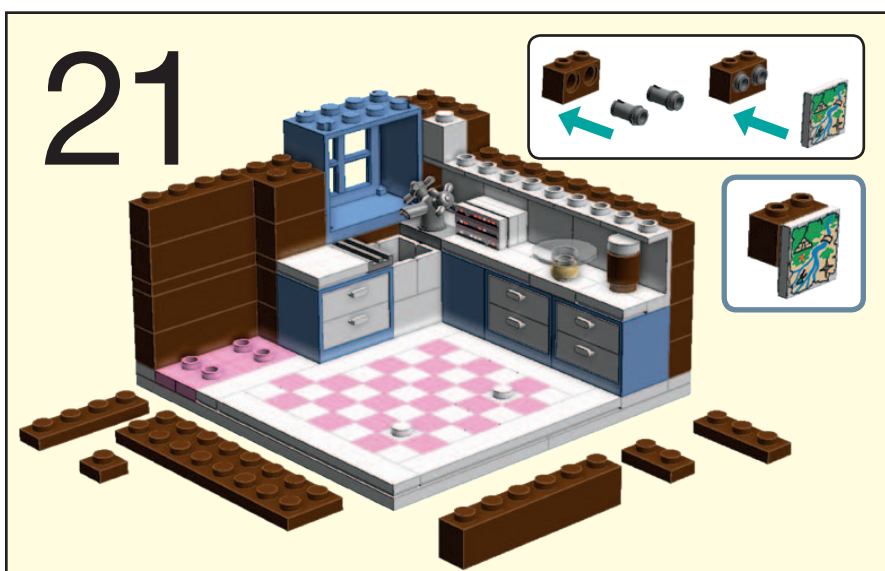
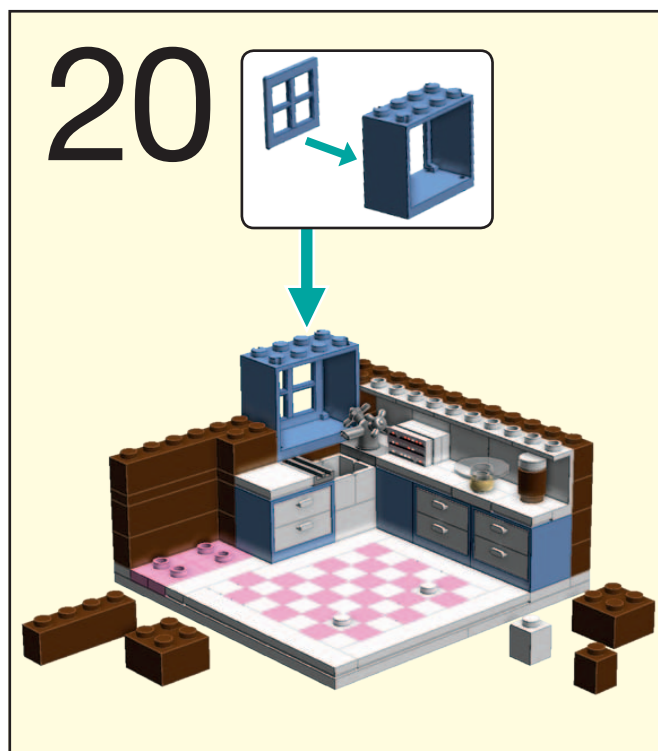
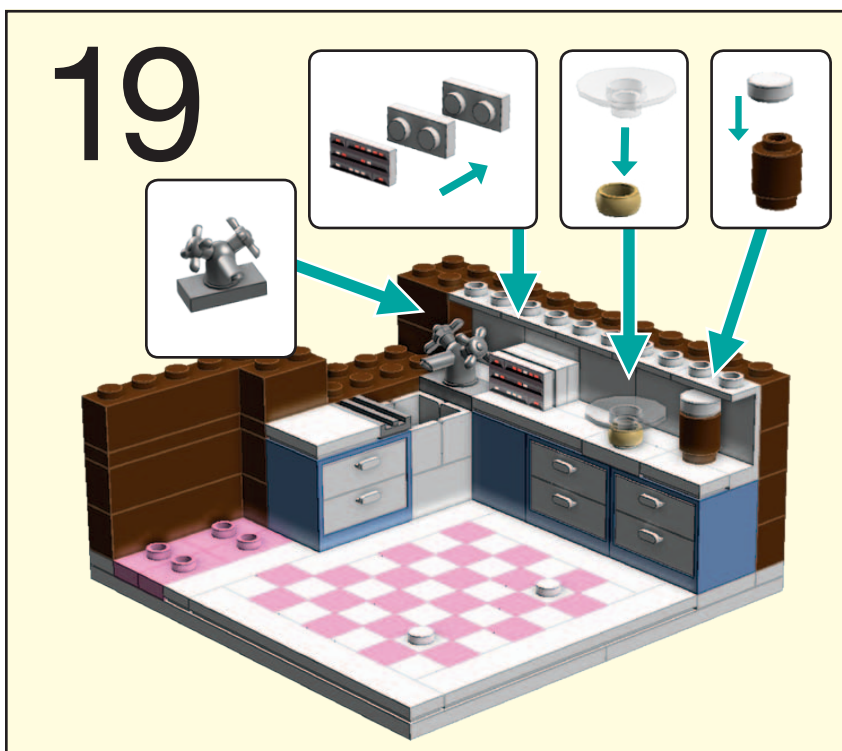
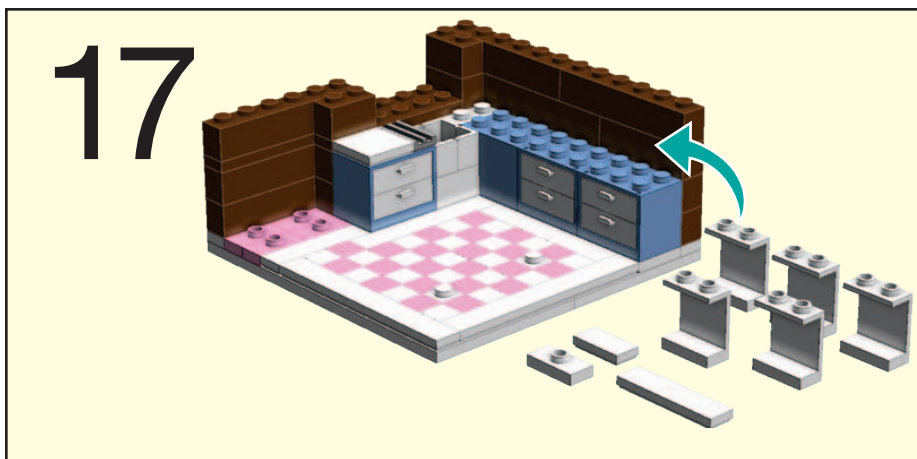
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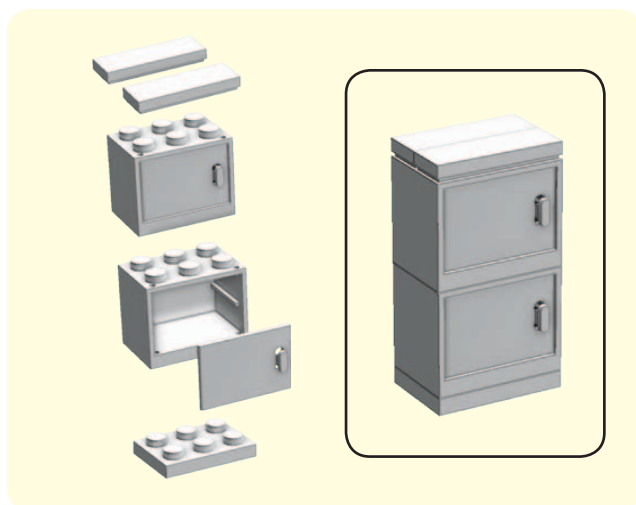
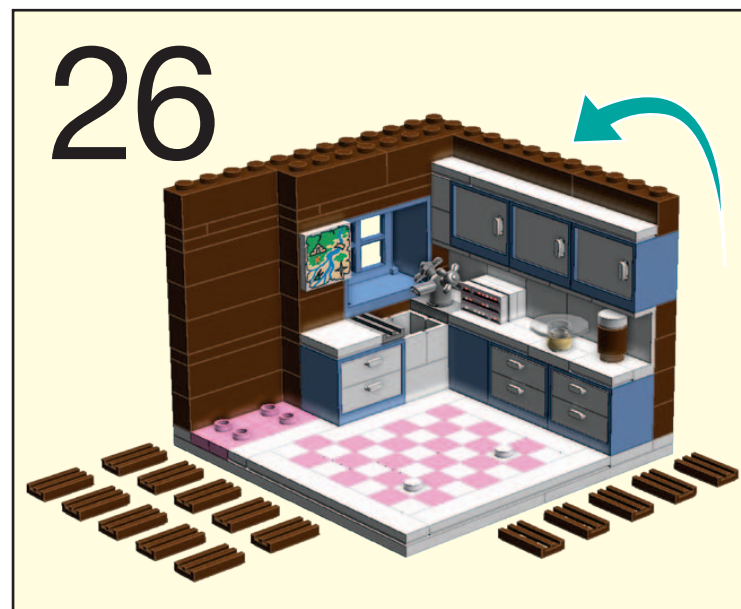
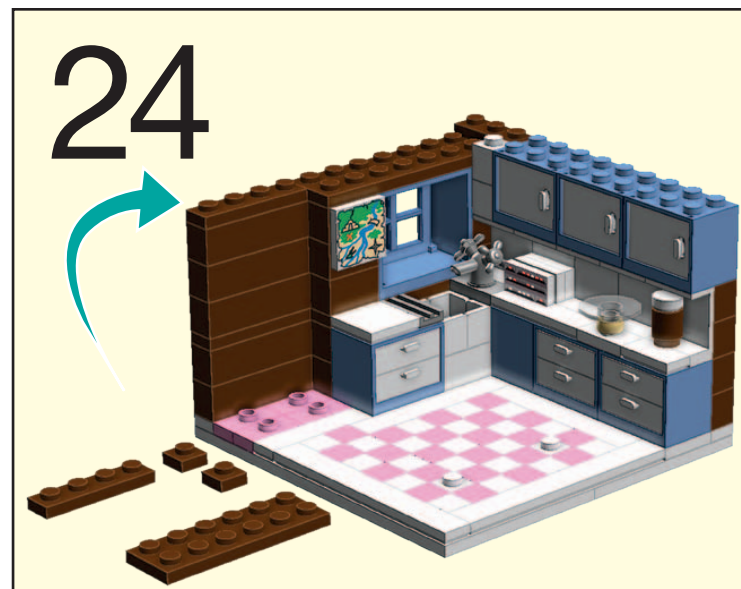
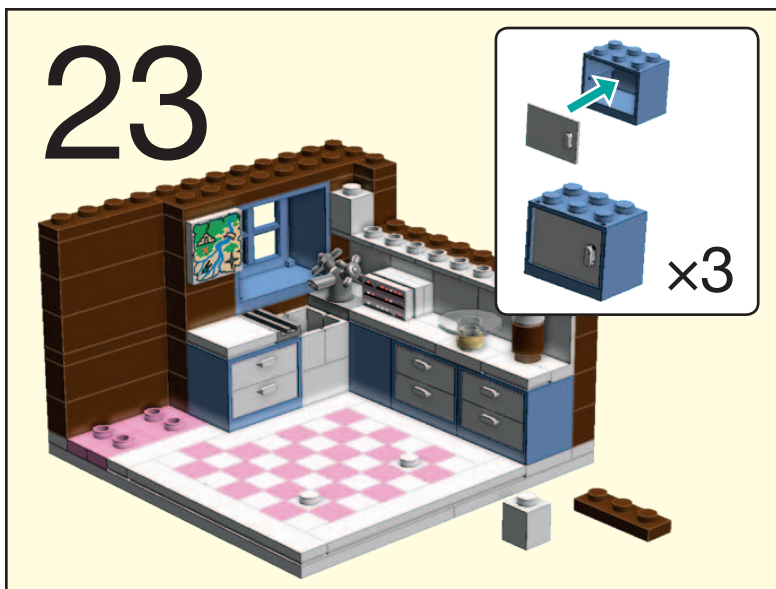
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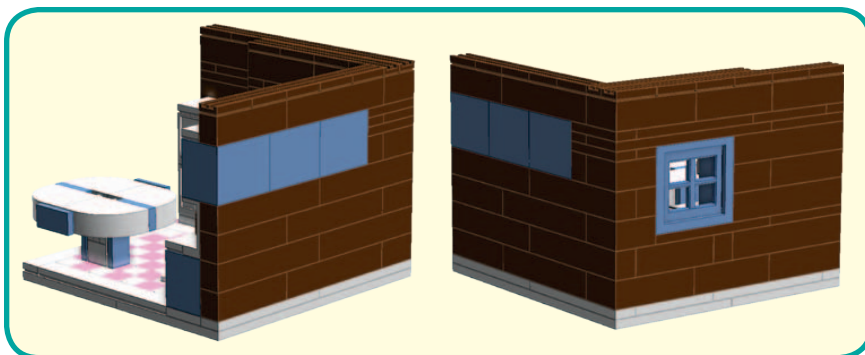
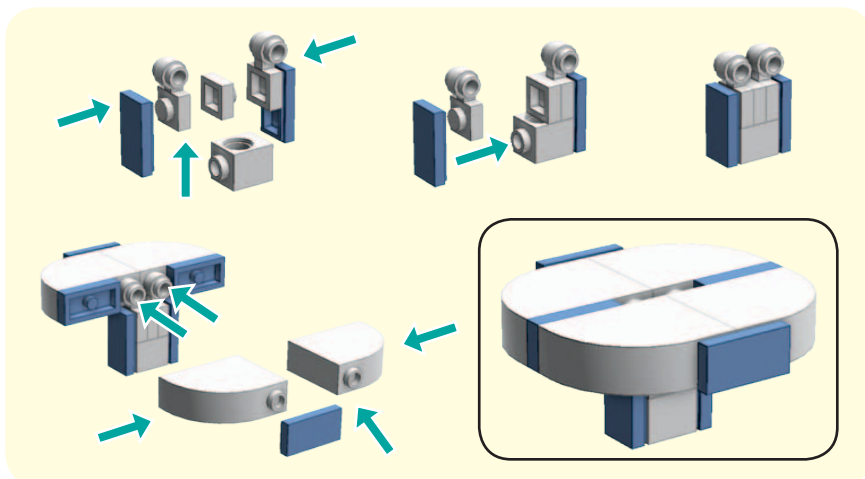












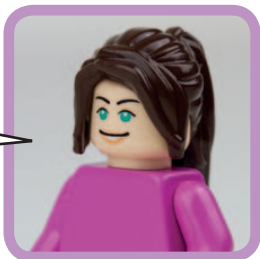
### Building Tip

Building an interior display with only two or three walls can be a good way to experiment with different styles.



LOOKS GREAT!

THANK YOU, MEGS,  
I REALLY ENJOY  
BUILDING. ANYONE  
CAN CREATE WITH  
LEGO BRICKS.



THAT'S RIGHT,  
YVONNE, ALL IT  
TAKES IS A BIT OF  
IMAGINATION!

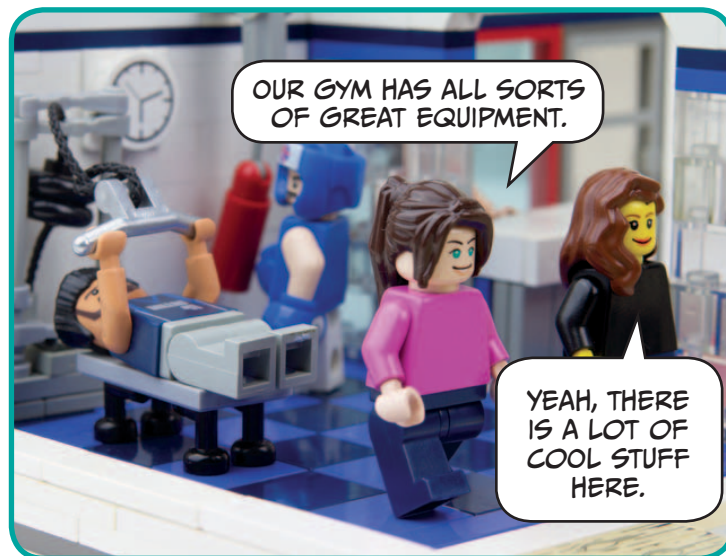
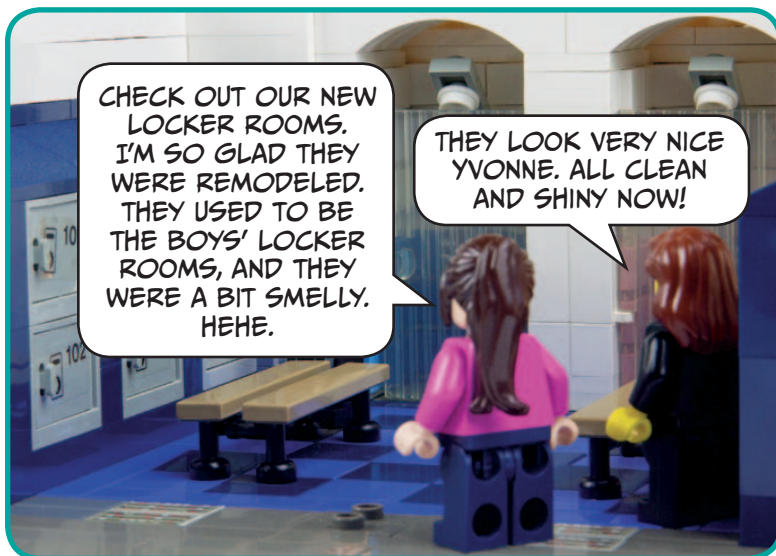
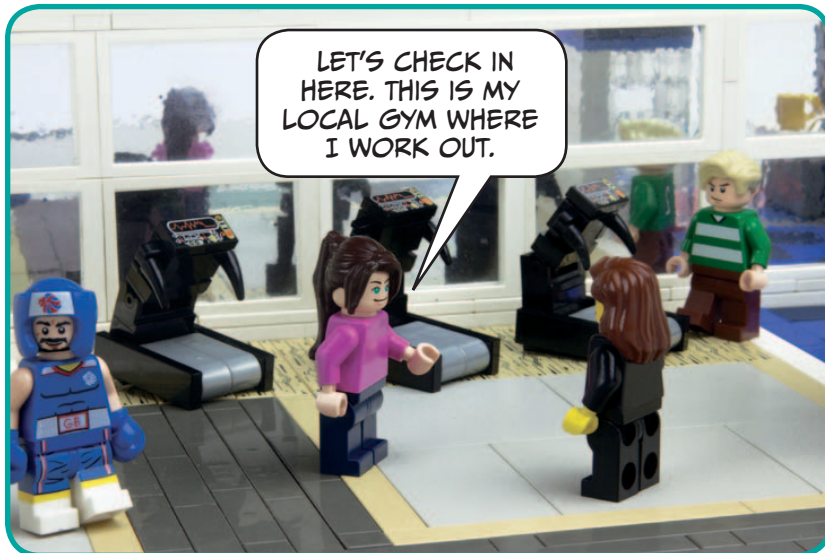
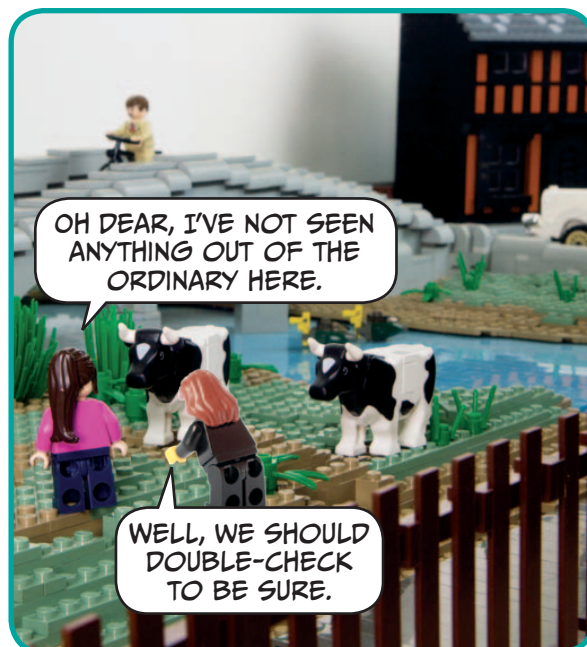
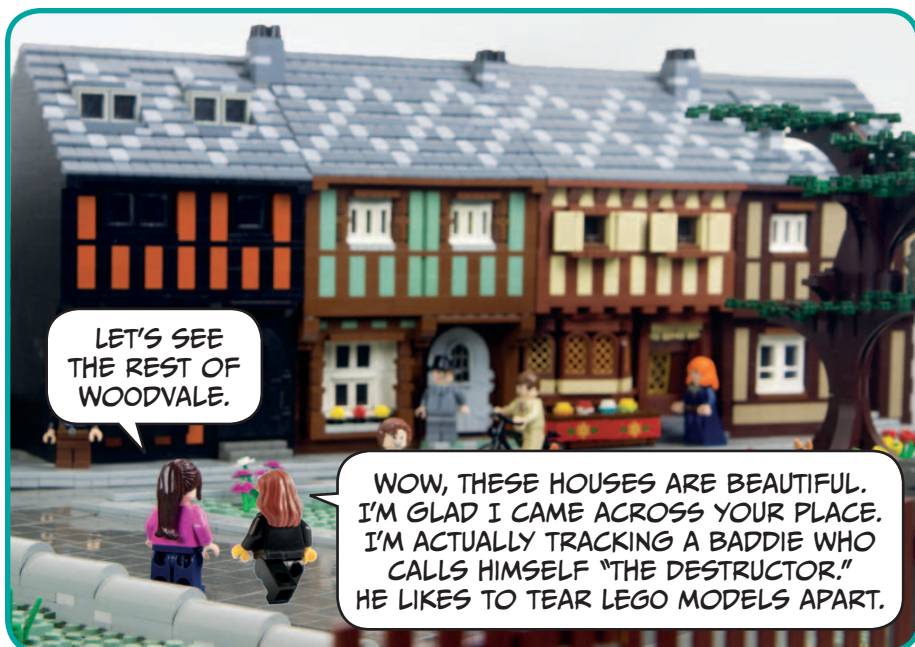
OH YES, AND A LITTLE  
BIT OF PRACTICE. AH,  
THERE, THE CUPCAKES  
ARE READY. HERE,  
TRY ONE.



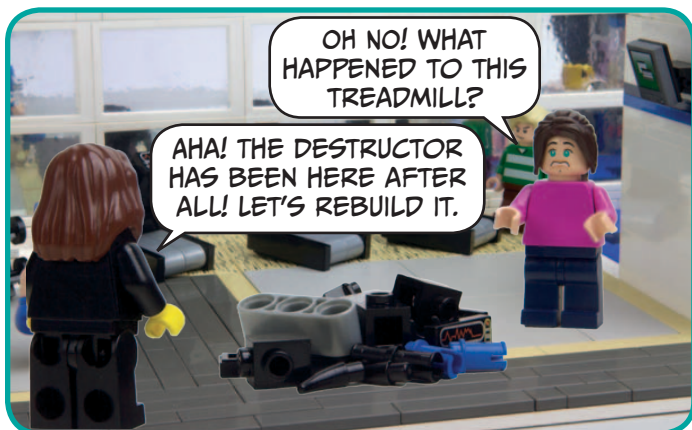
MMM, THESE  
ARE FANTASTIC!  
THANKS, YVONNE!



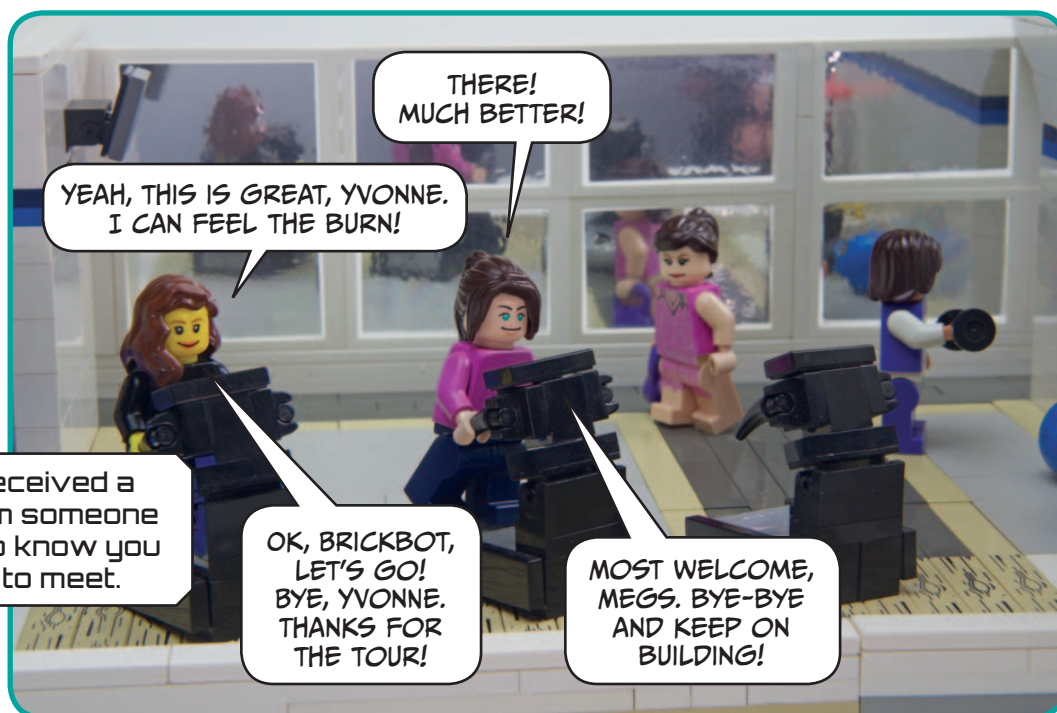
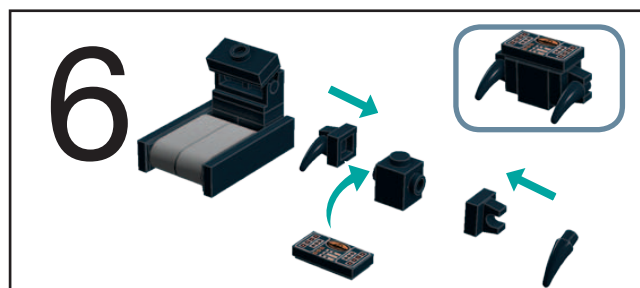
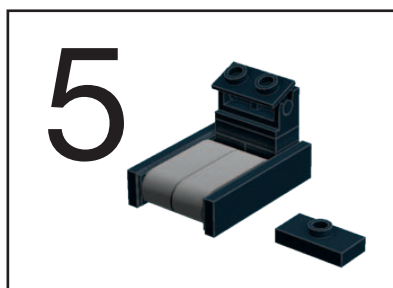
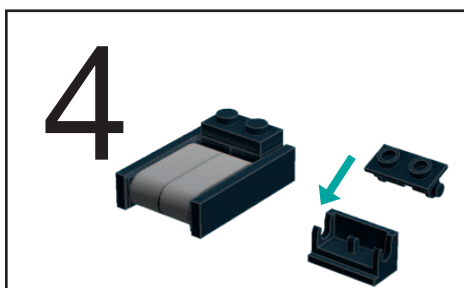
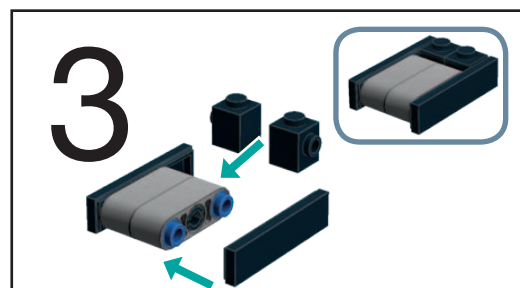
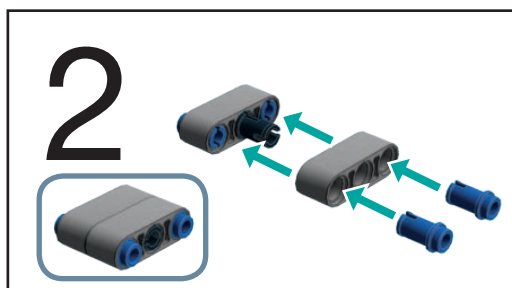
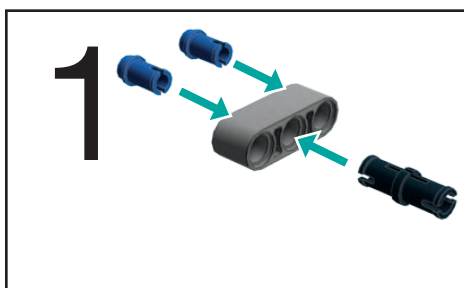
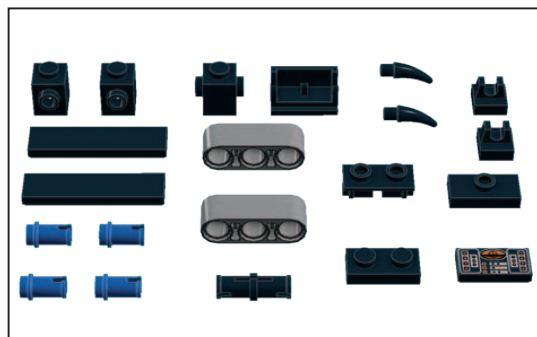








# Treadmill



Megs, I've received a message from someone who seems to know you and wants to meet.



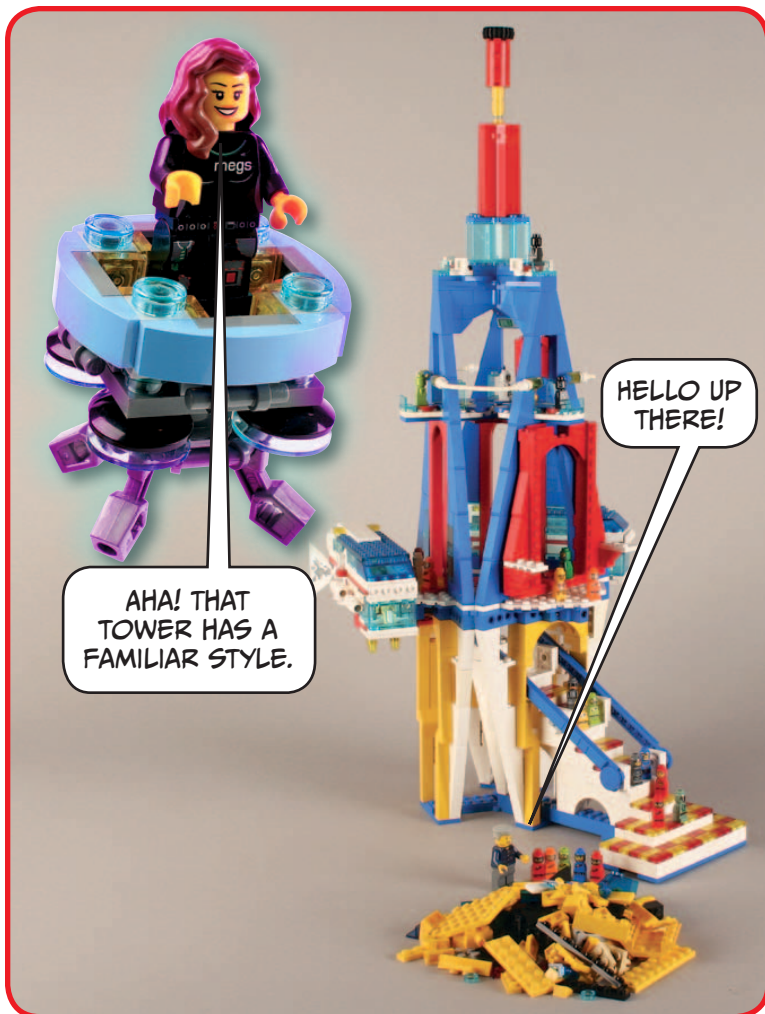




**Classroom**

**Cooking Lessons**







# A LEGO Legend Calls

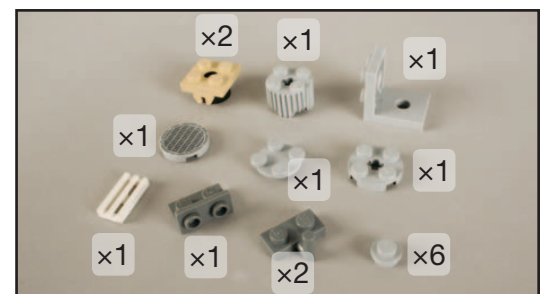
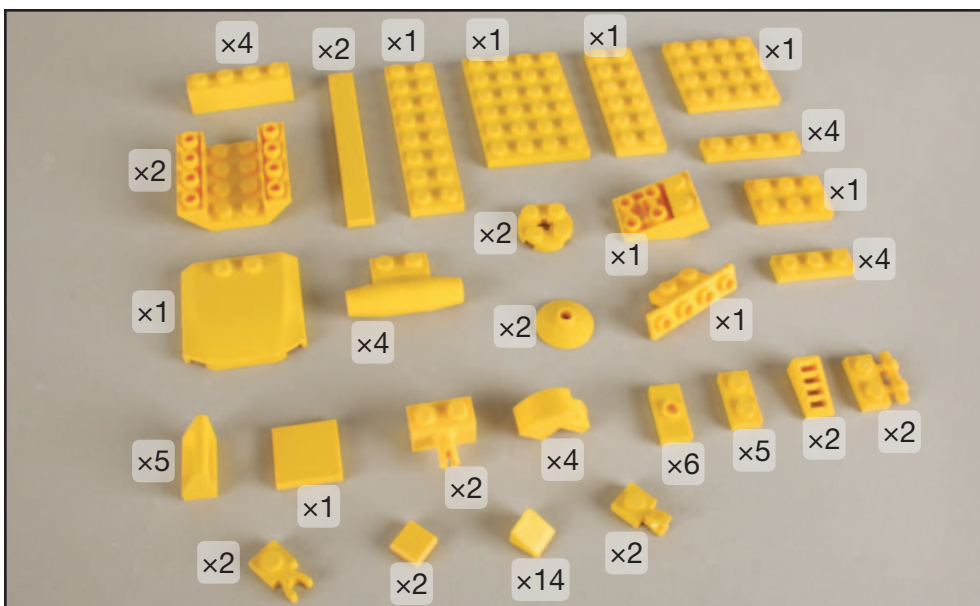
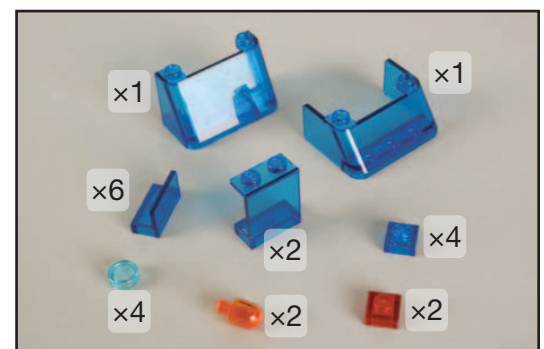
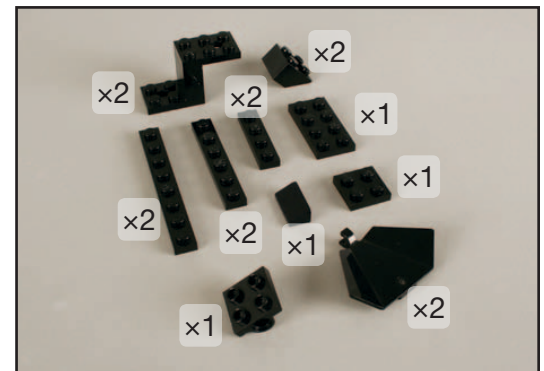


**Daniel August Krentz**

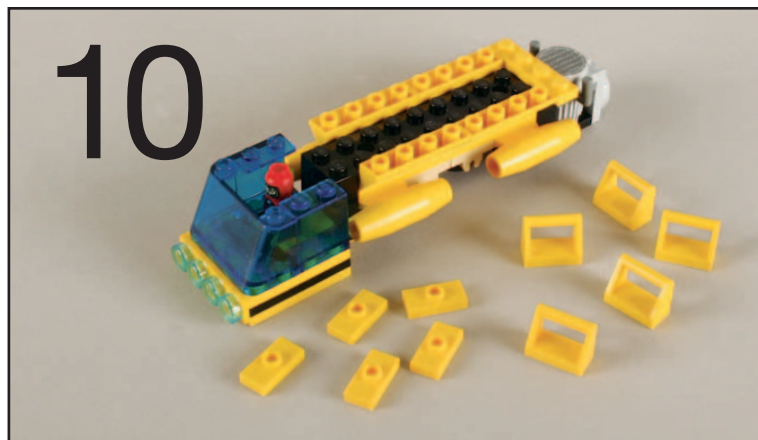
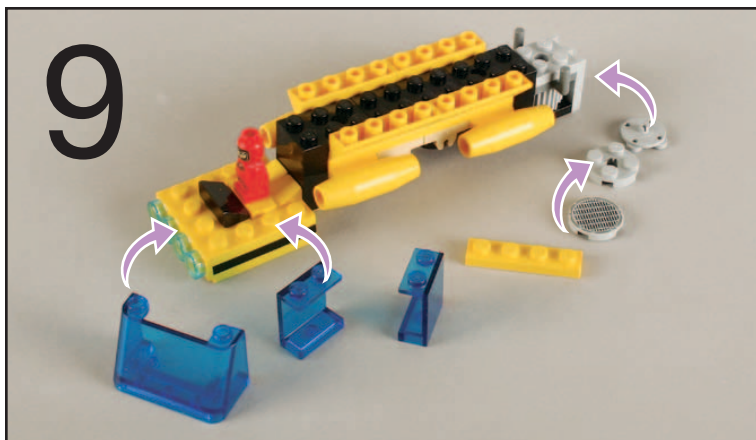
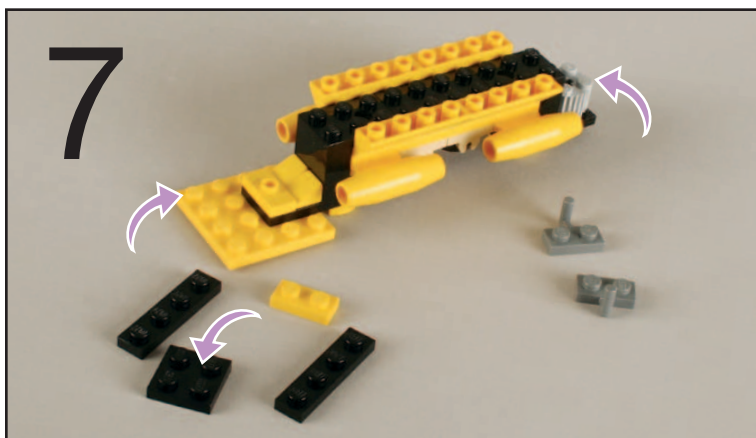
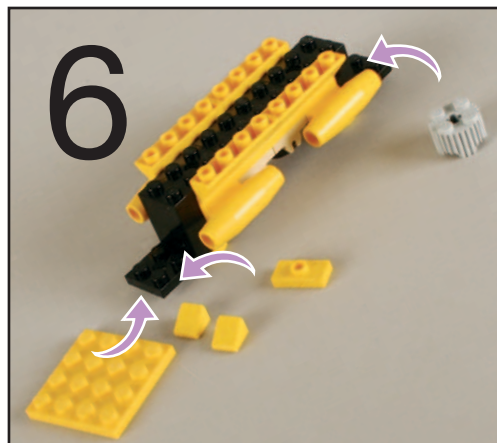
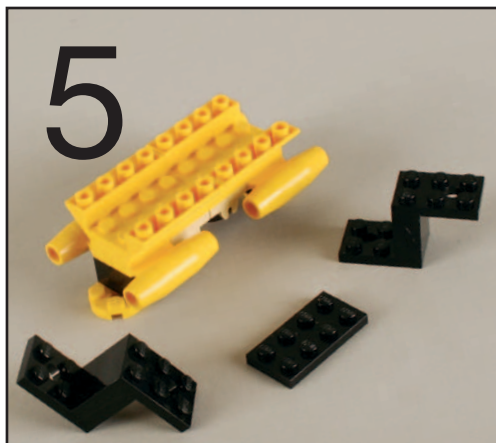
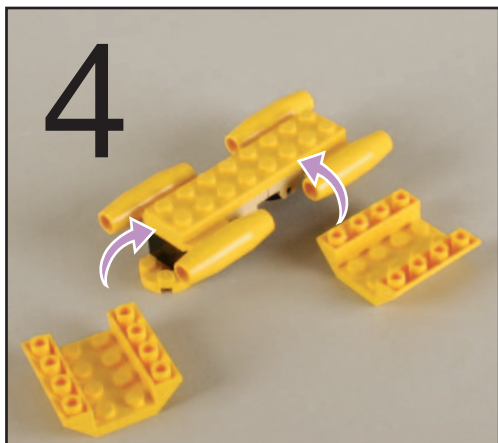
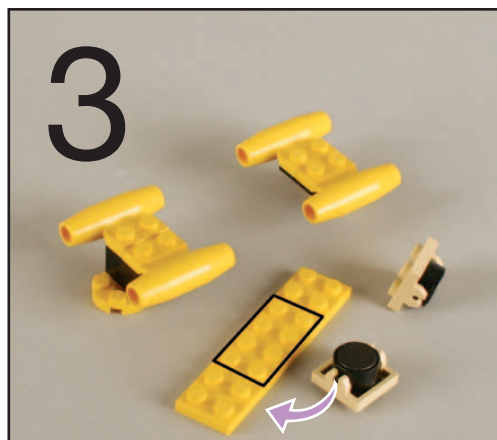
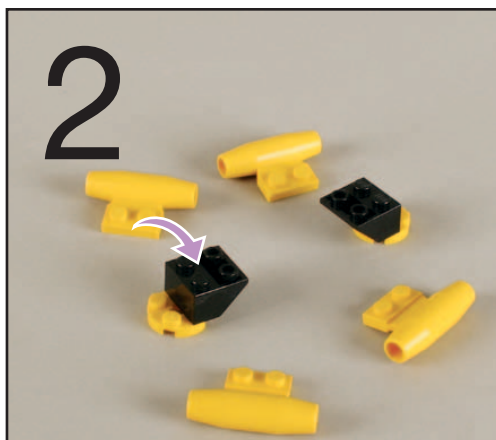
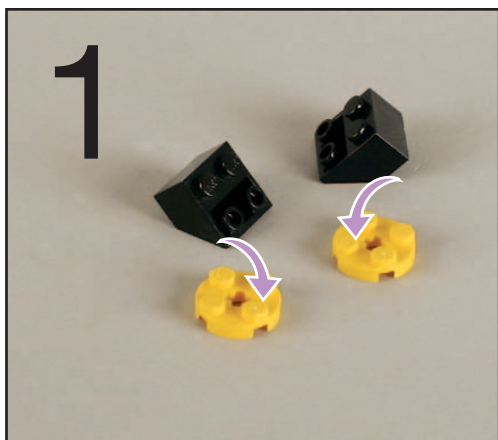
**Profession:** Retired LEGO Designer

**Nationality:** American/Danish

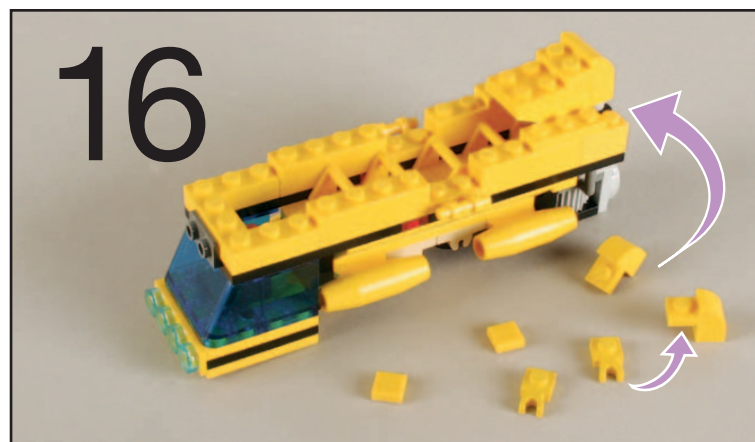
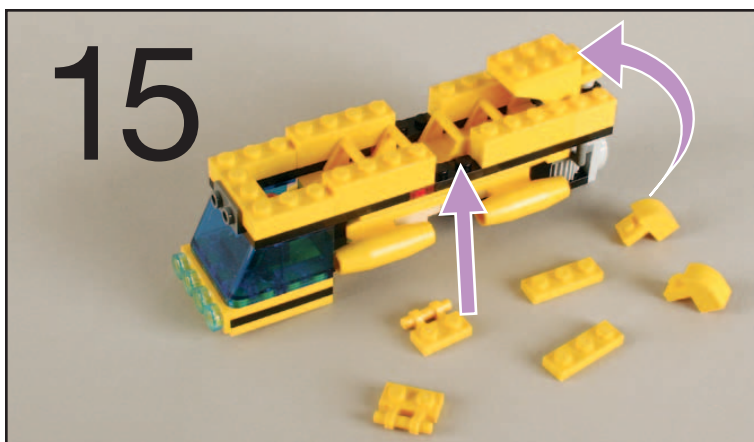
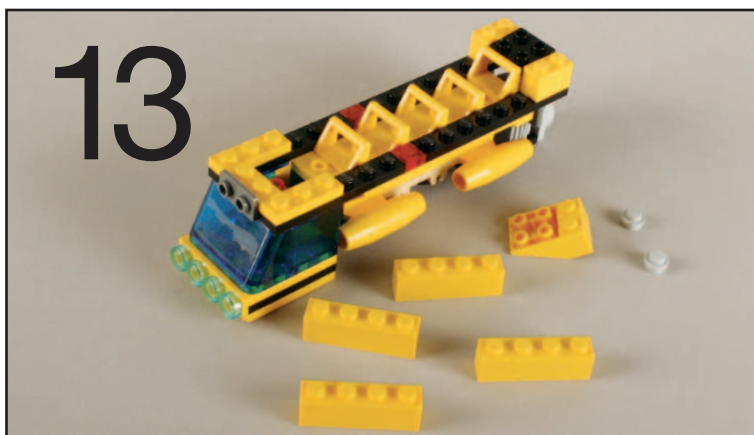
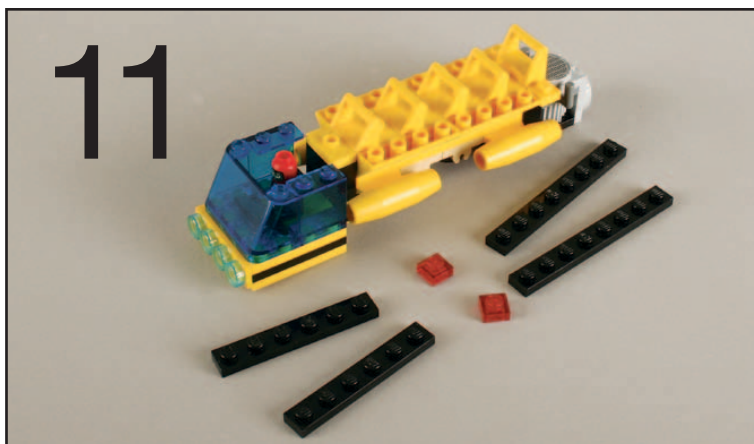
## Space Bus













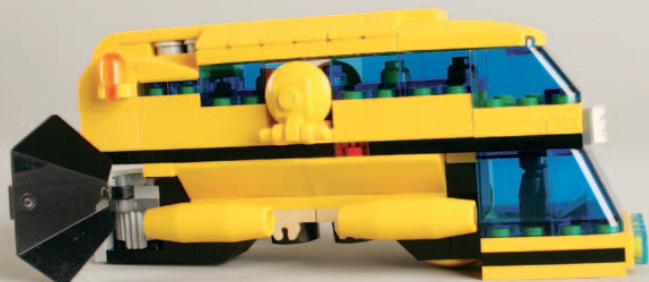
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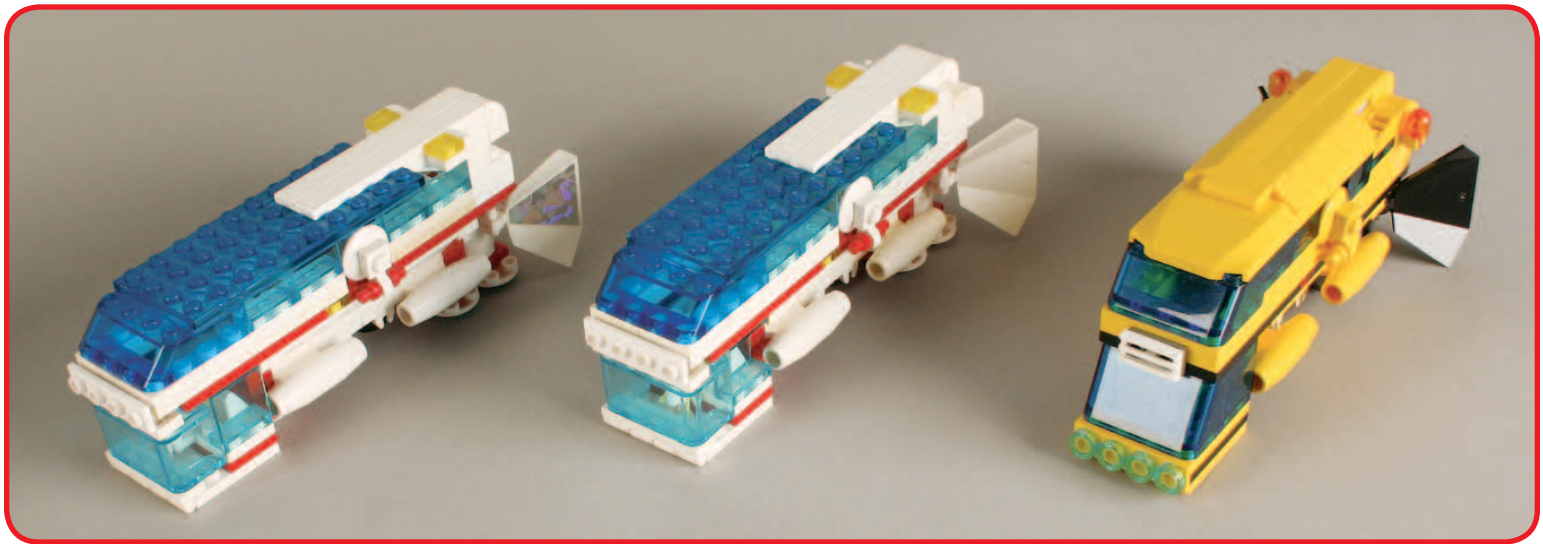
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21



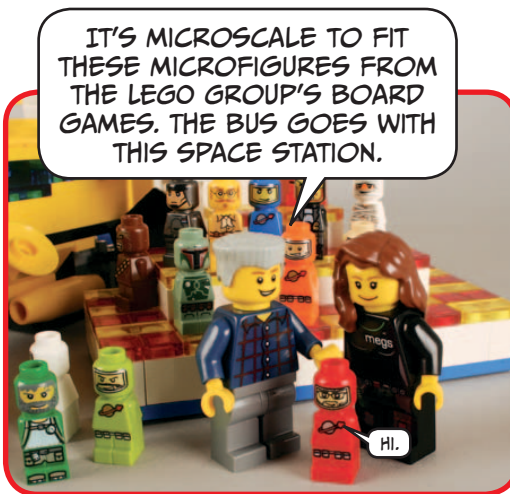
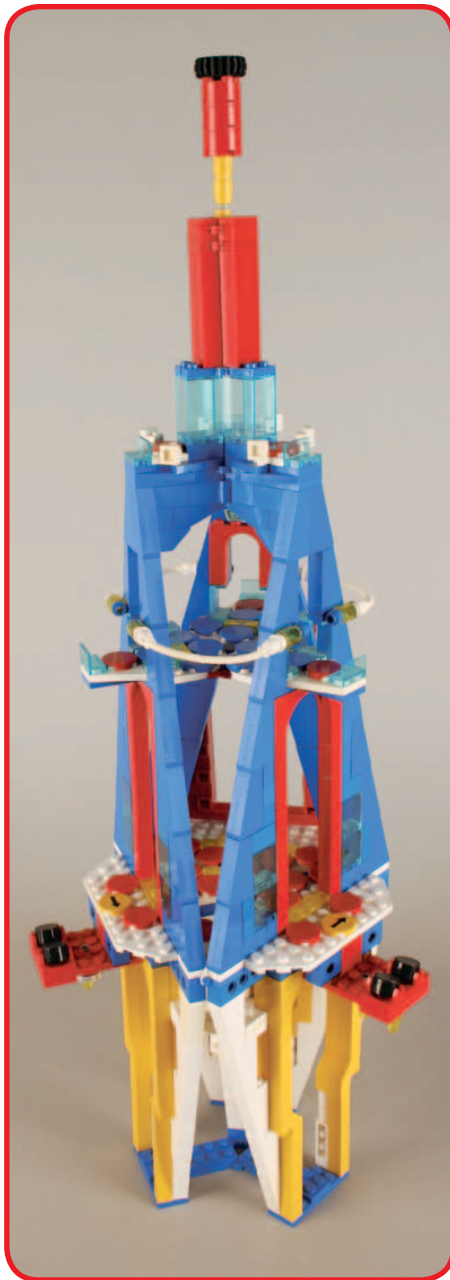




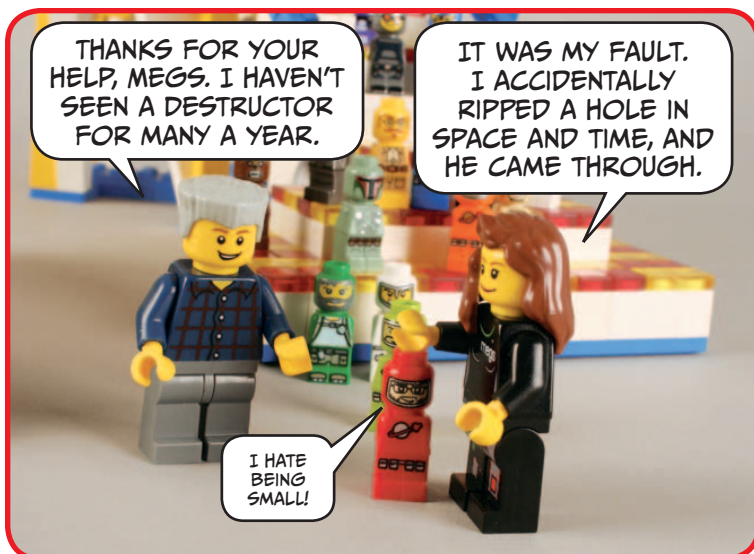
# Space Bus Station



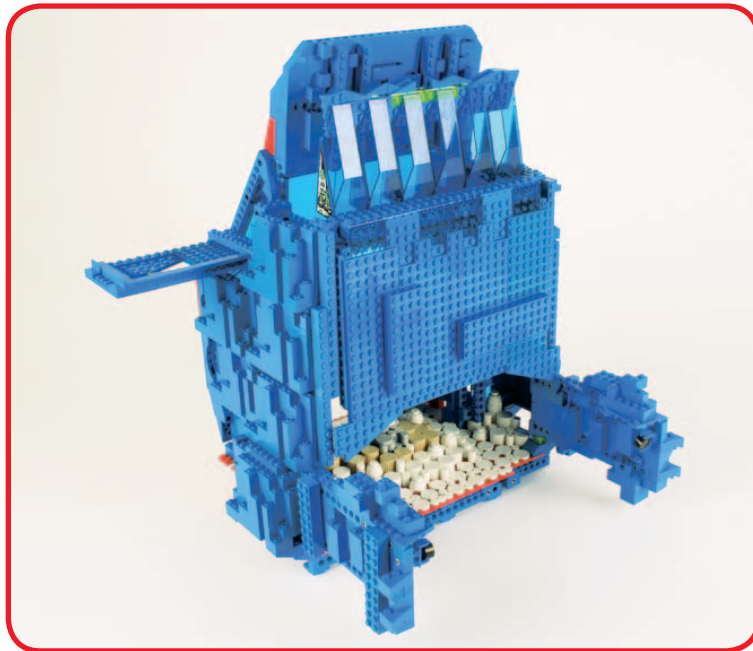
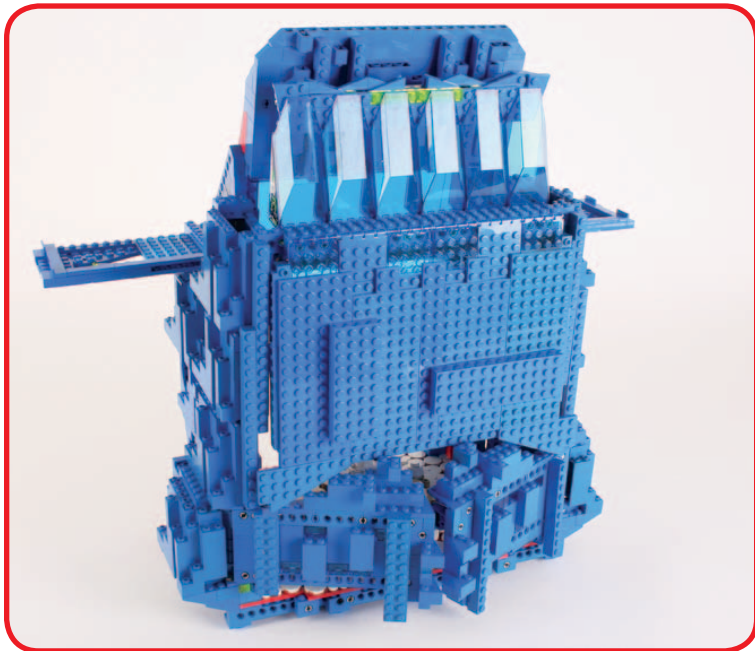
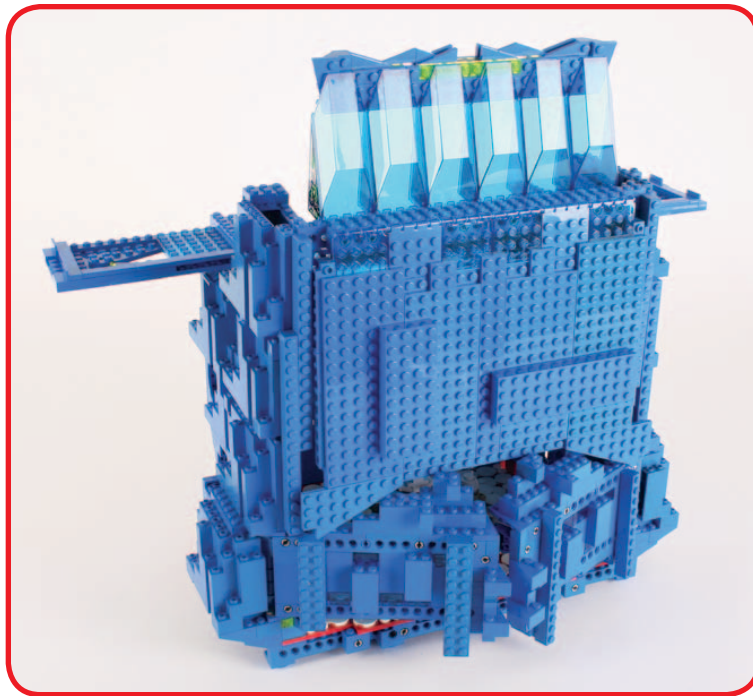
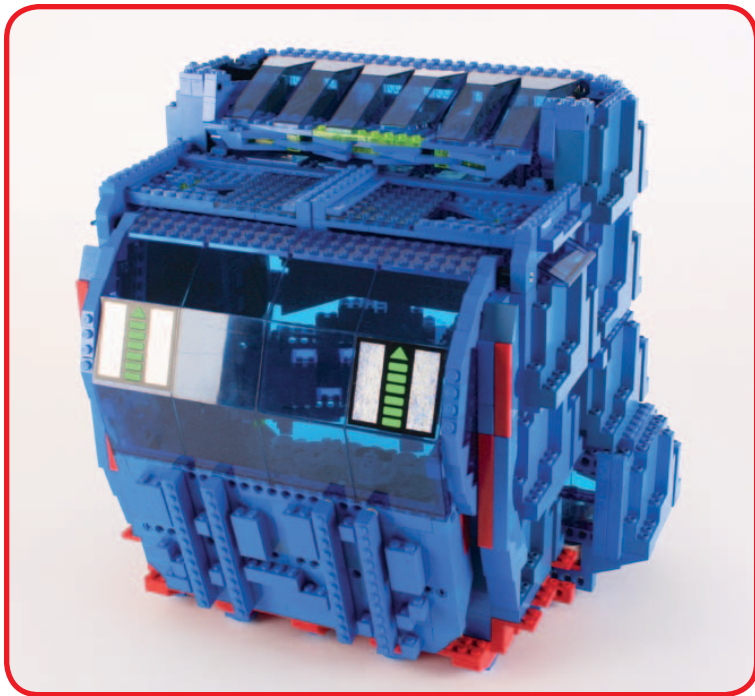










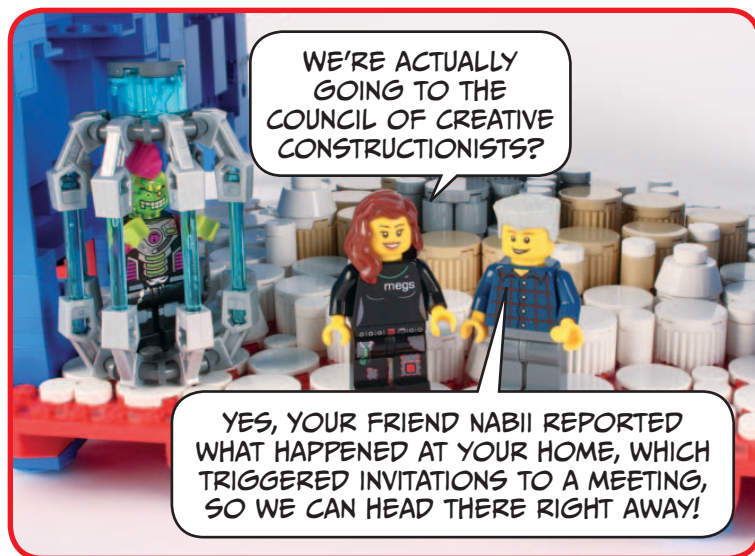
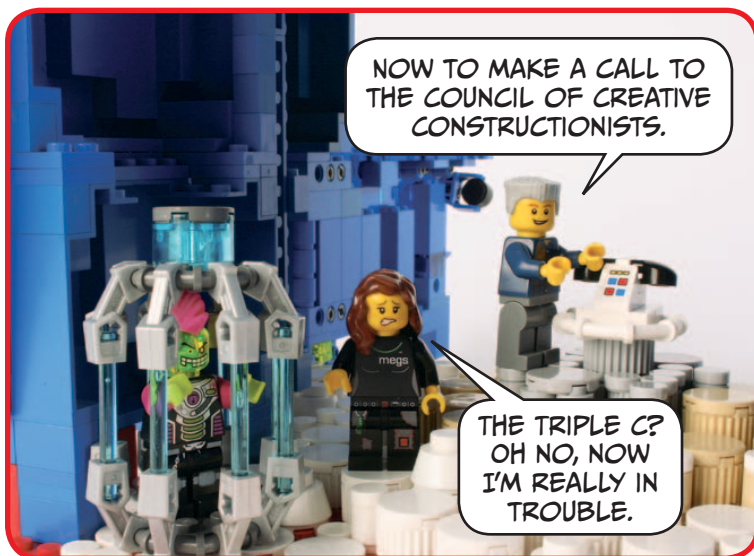
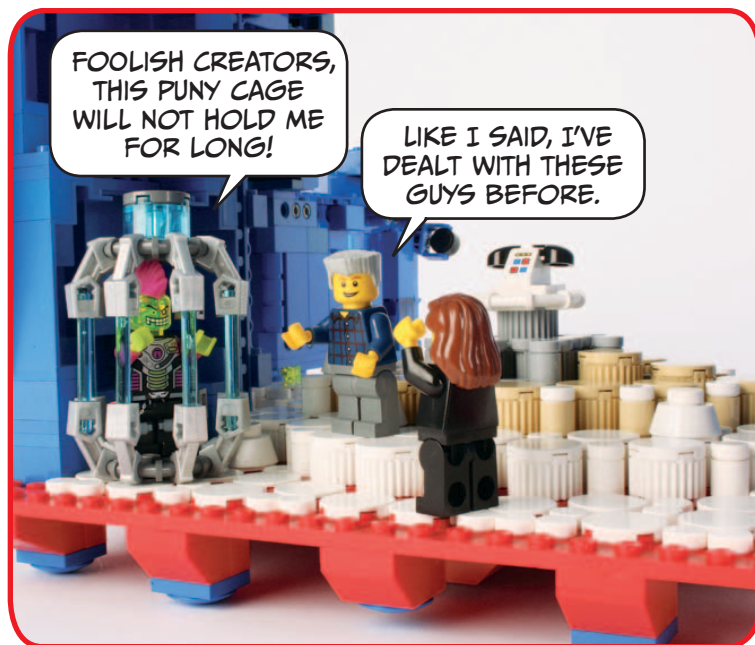
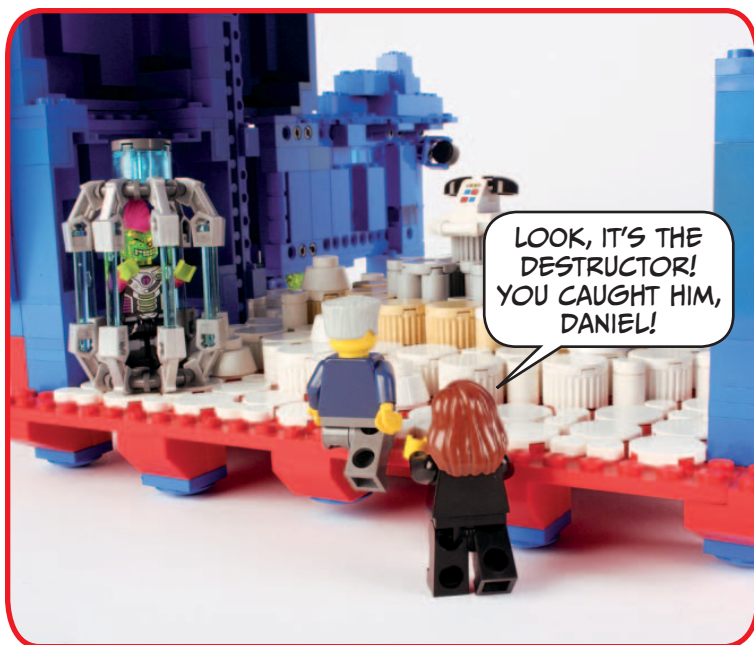


WOW! IT'S SMALLER  
ON THE INSIDE. SO  
IS THIS A TIME AND  
SPACE MACHINE?

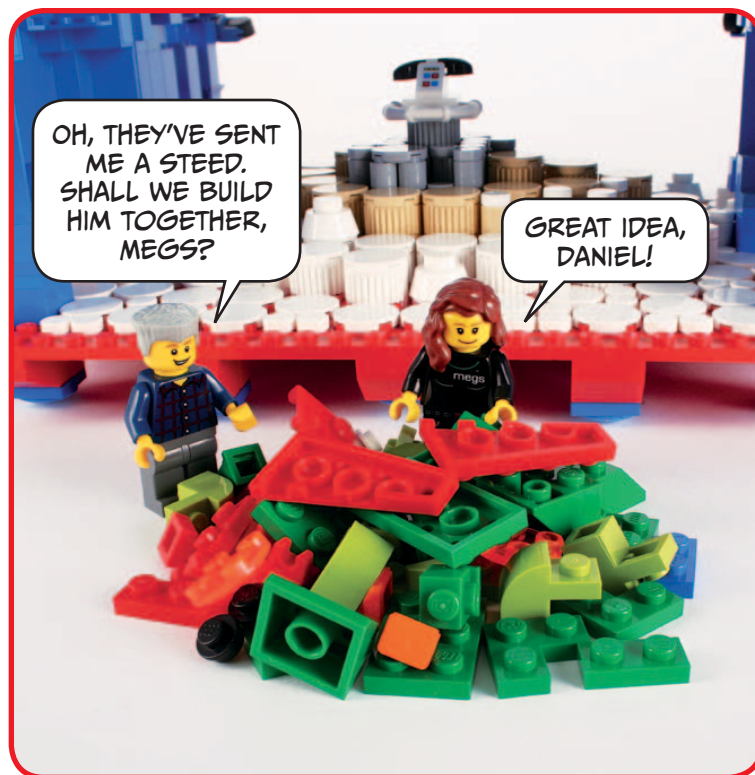
NO, DON'T BE SILLY. IT'S A  
TELEPHONE BOX. IT SAVES ME  
TIME TO CALL RATHER THAN  
TRAVEL THROUGH SPACE.



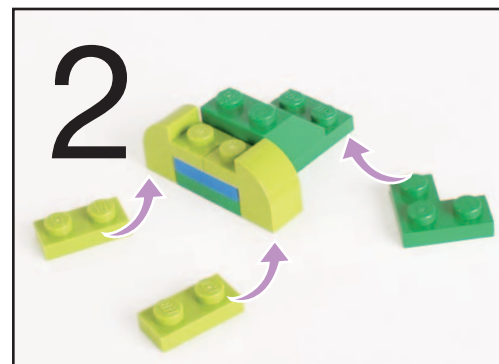
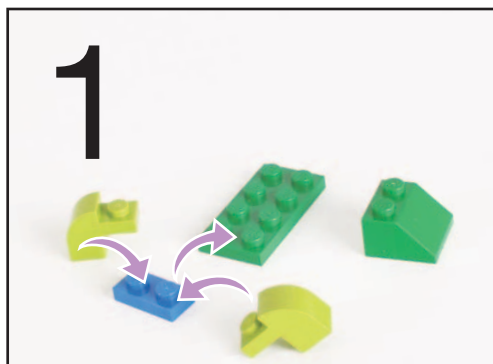
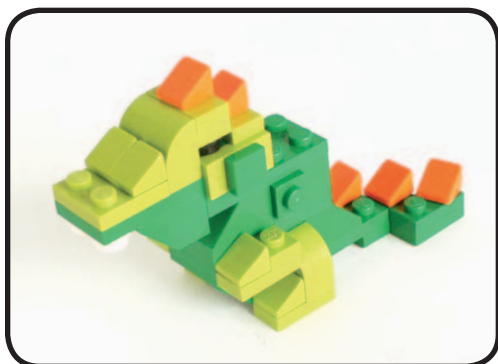
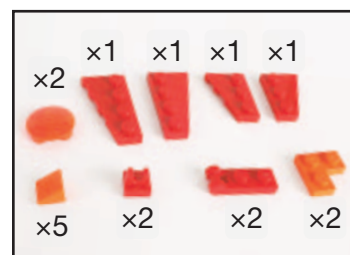
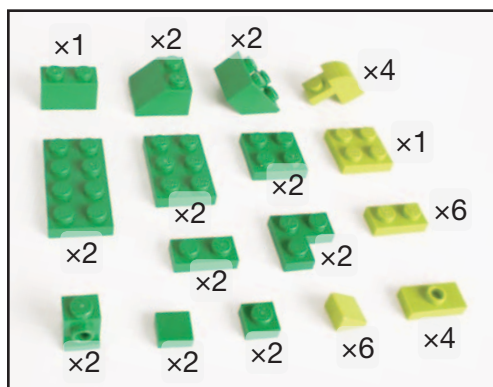
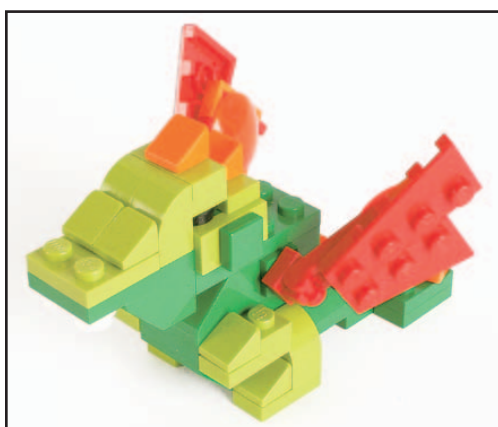




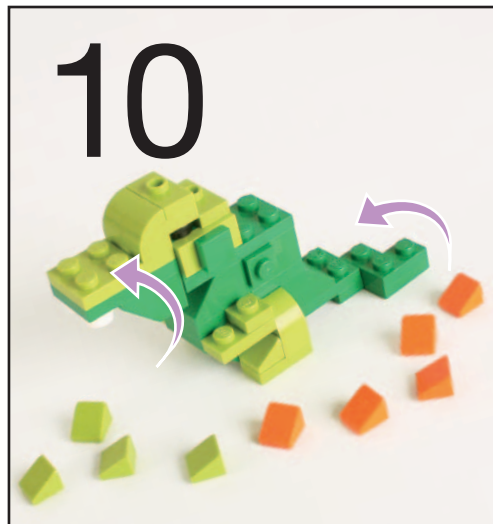
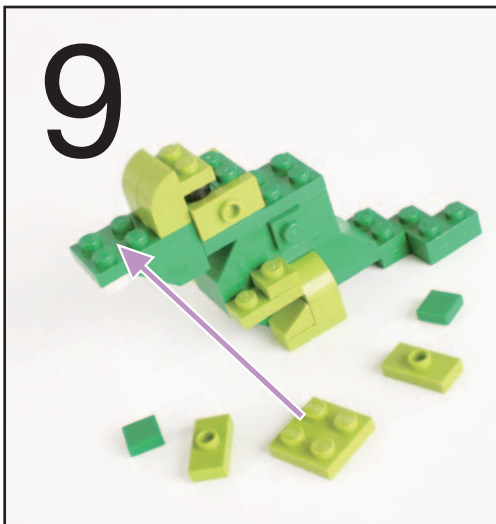
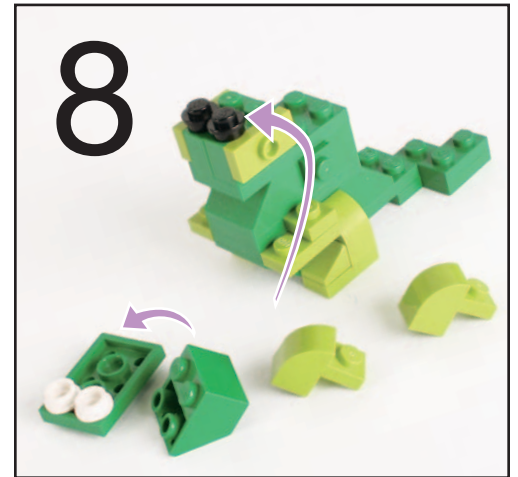
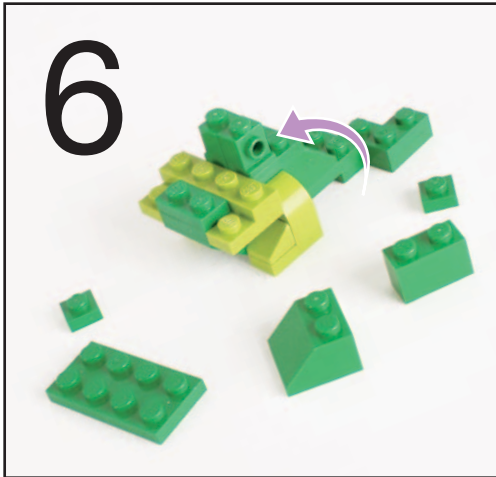
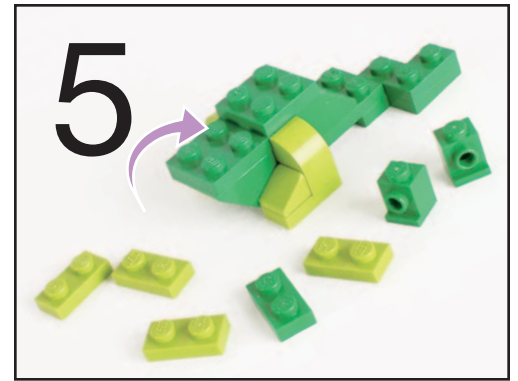
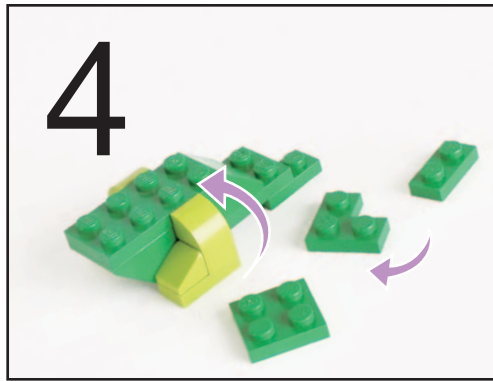
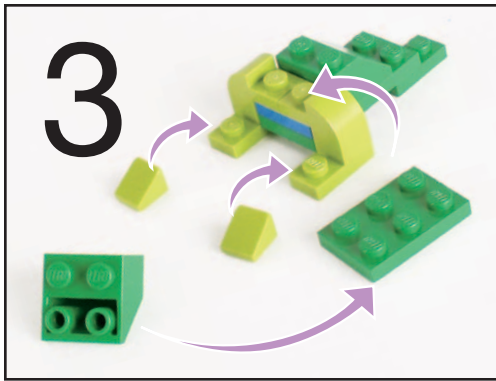




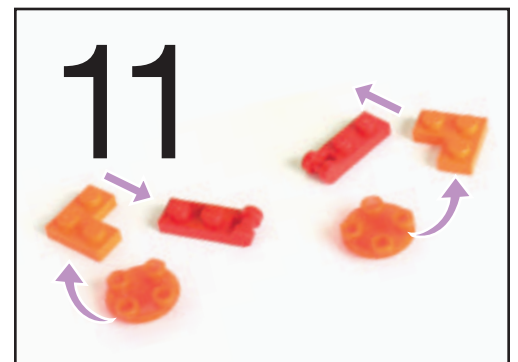
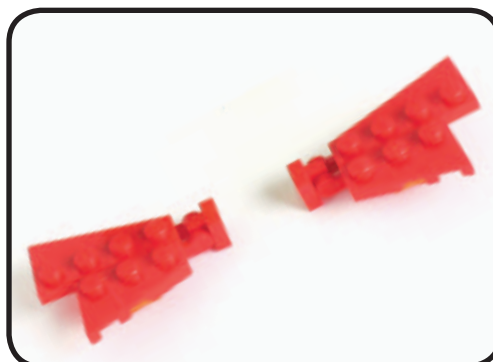
## Lucky Dragon





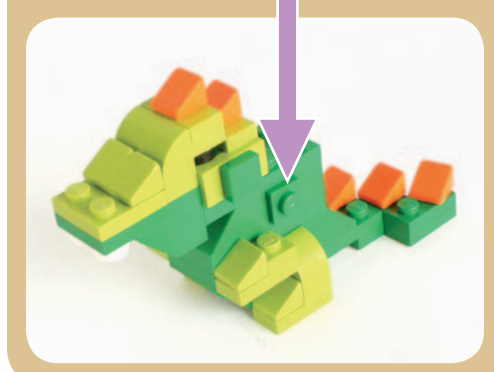
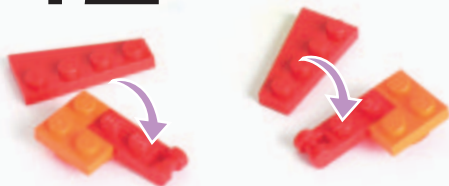


**Building Tip**  
Slopes are good for making scales or the spikes on a dragon's back. Angled plates like these red ones make great wings.



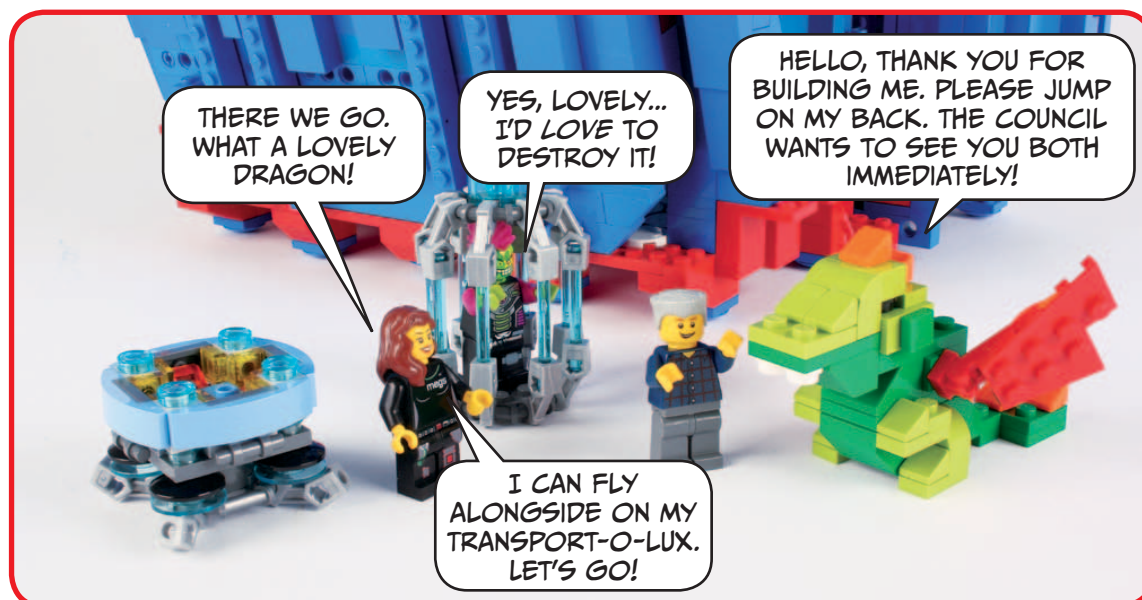
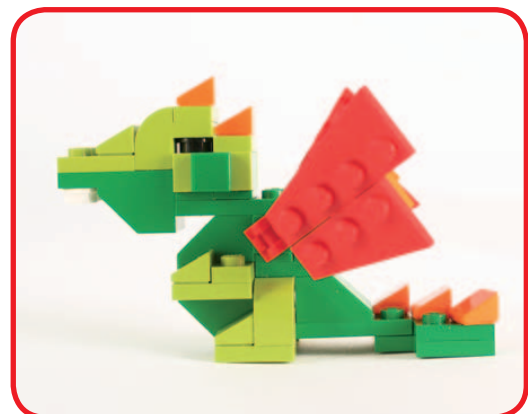


# 12



## Building Tip

Building dragons is fun. Focus on iconic details like head shape, wing size, body mass (skinny or fat), and tail length. This will help to define the character of your dragon. There are thousands of variations you can build.







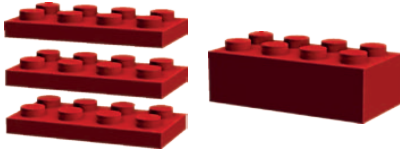
**The adventure  
continues...**



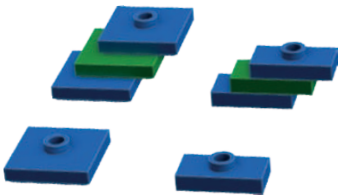
# LEGO Building System



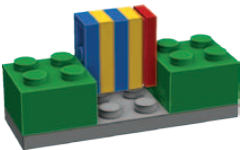
ALL LEGO BRICKS ARE PART OF THE LEGO BUILDING SYSTEM. EVERY PIECE IS DESIGNED TO FIT TOGETHER IN A CONSISTENT AND LOGICAL WAY.



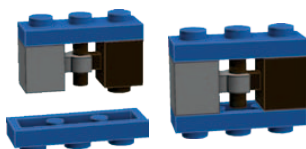
Three LEGO plates are one LEGO brick high.



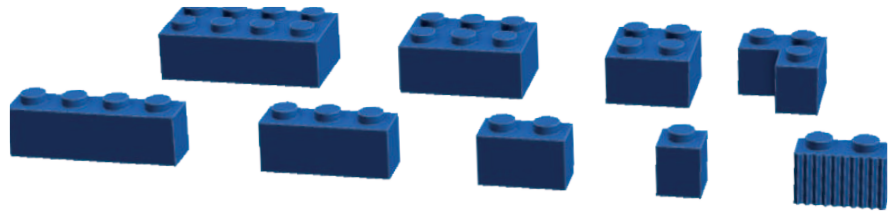
Jumper plates allow you to “jump” one half stud out of the normal system.



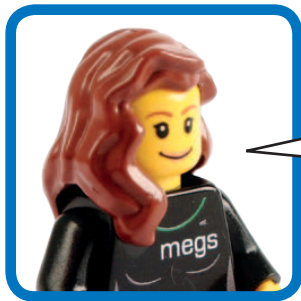
Five LEGO plates built sideways have the same width as a brick that is two studs wide.



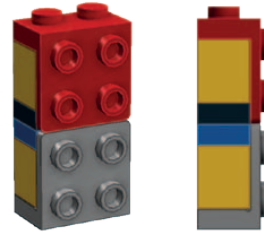
The stud reversal technique lets you build in opposite directions.





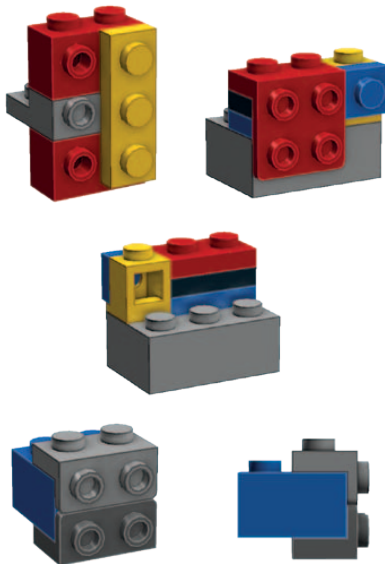


HERE ARE SOME  
ADVANCED TECHNIQUES  
FOR BUILDING WITH  
LEGO PIECES!



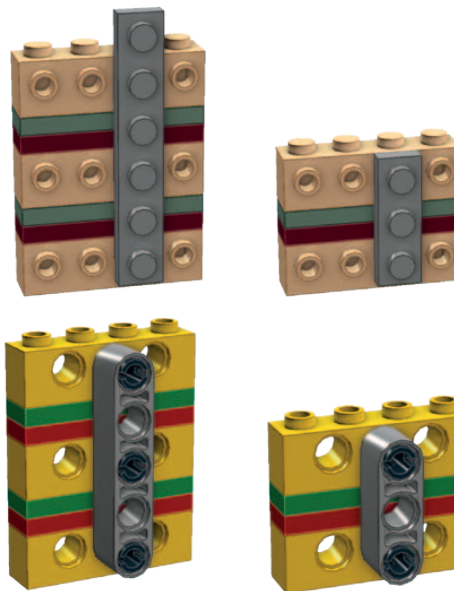
### Locking Parts with Brackets

The LEGO System has two kinds of brackets: upward-facing (shown in grey) and downward-facing (red). They can be used to lock parts of your model together.



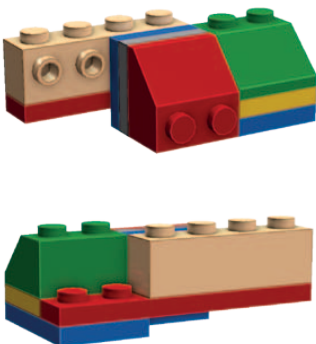
### Building with Brackets

Brackets line up with other LEGO pieces to allow for stronger and more complex constructions.



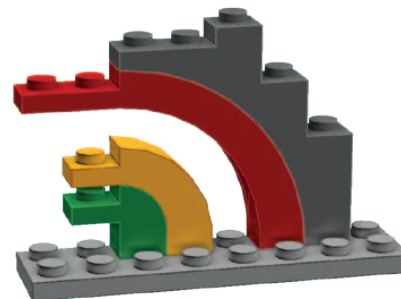
### Maintaining the Correct Spacing

Sideways-building bricks (shown in tan) have studs on the top and on the side. Placing two layers of plates between each row of these bricks allows you to keep the correct spacing as you build sideways. This also works for LEGO Technic pieces.



### Building with a Slope Transition

This is one way of creating a smooth transition when placing slope bricks at different angles.



### Arch Geometry

Several of the bow and arch pieces fit inside each other.



1



**Megan H.  
Rothrock**

**Thank you to all the wonderful and  
creative featured builders!**

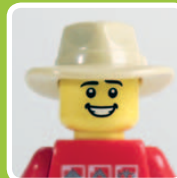
## Featured Builders

2



**Mark  
Stafford**

7



**Tommy  
Williamson**

3



**Are J.  
Heiseldal**

8



**Tyler  
Clites**

4



**Arjan  
Oude  
Kotte**

9



**Marco den  
Besten**

5



**Barney  
Main**

10



**Yvonne  
Doyle**

6



**Birgitte  
Jonsgard**

11



**Daniel  
August  
Krentz**

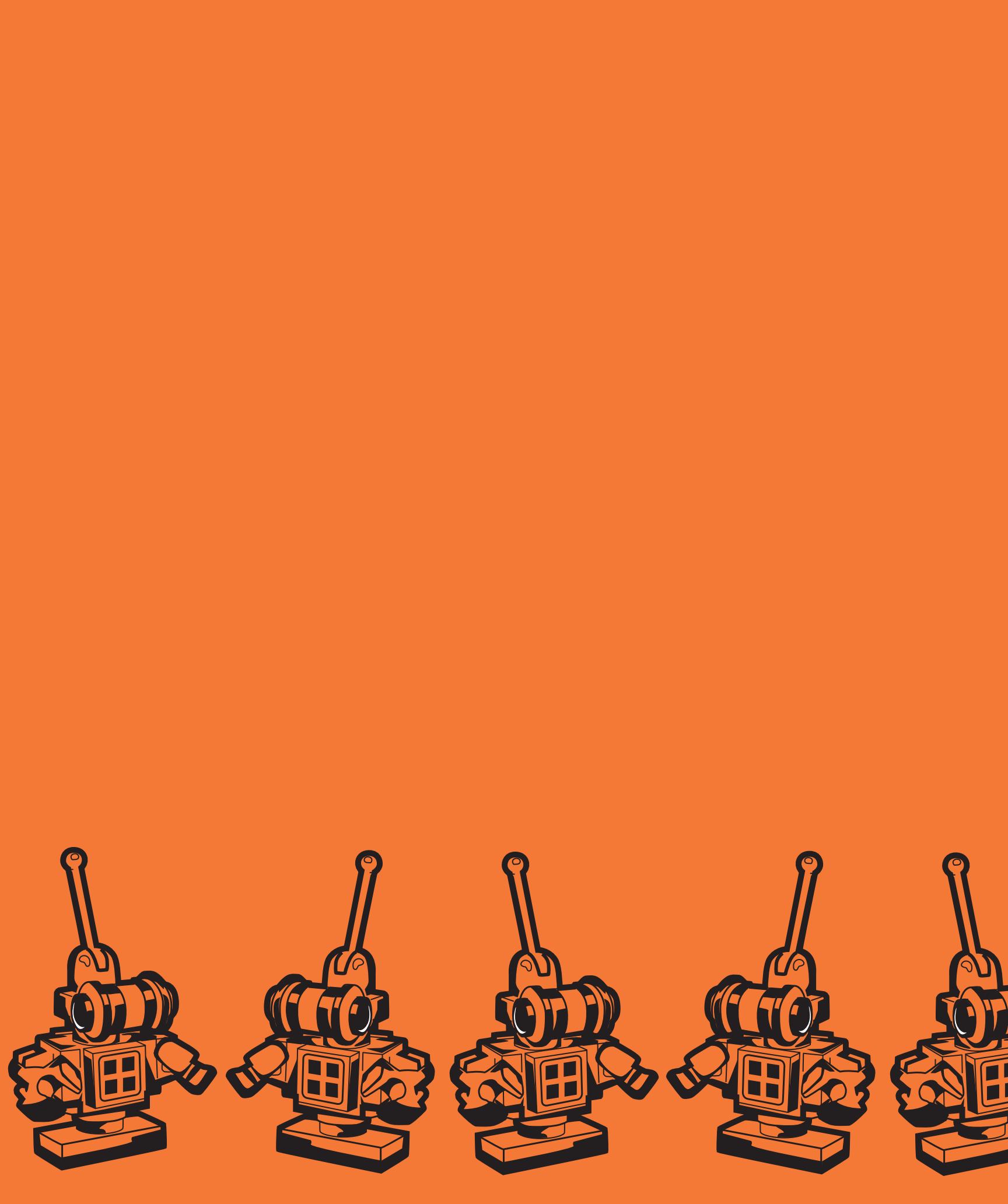
**Join the LEGO Adventure Book community!**

**Facebook: [www.facebook.com/LegoAdventureBook/](http://www.facebook.com/LegoAdventureBook/)**

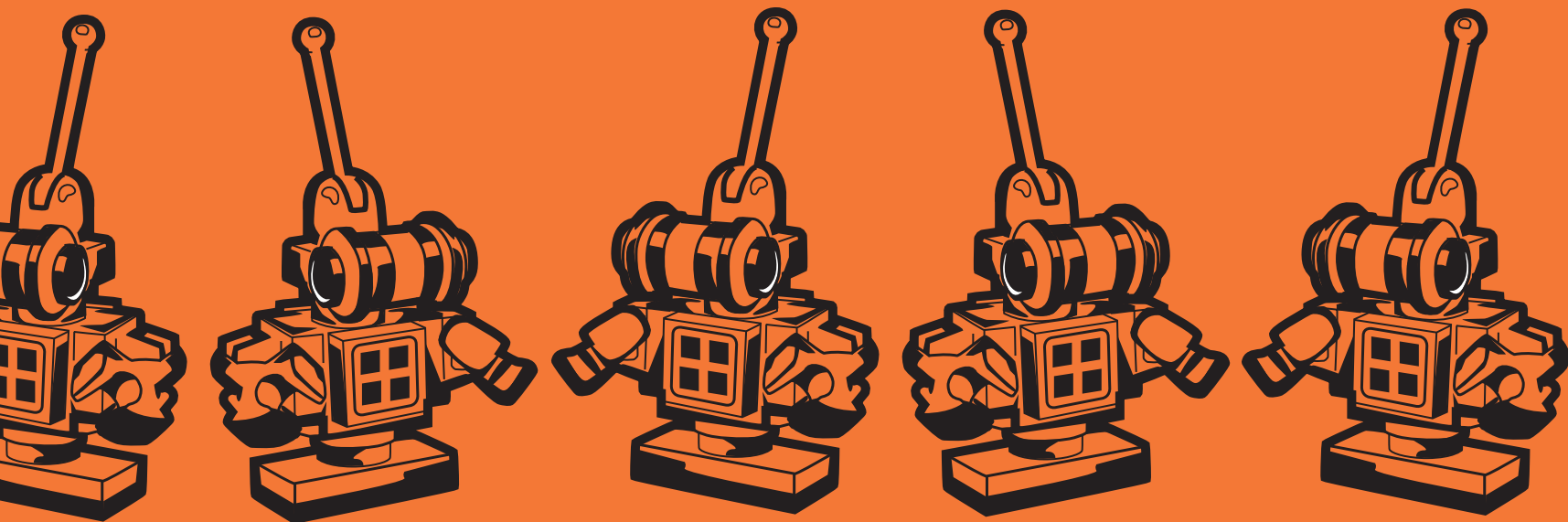
**Flickr: [www.flickr.com/groups/2021445@N23/](http://www.flickr.com/groups/2021445@N23/)**

**No Starch: [www.nostarch.com/legoadventure2/](http://www.nostarch.com/legoadventure2/)**

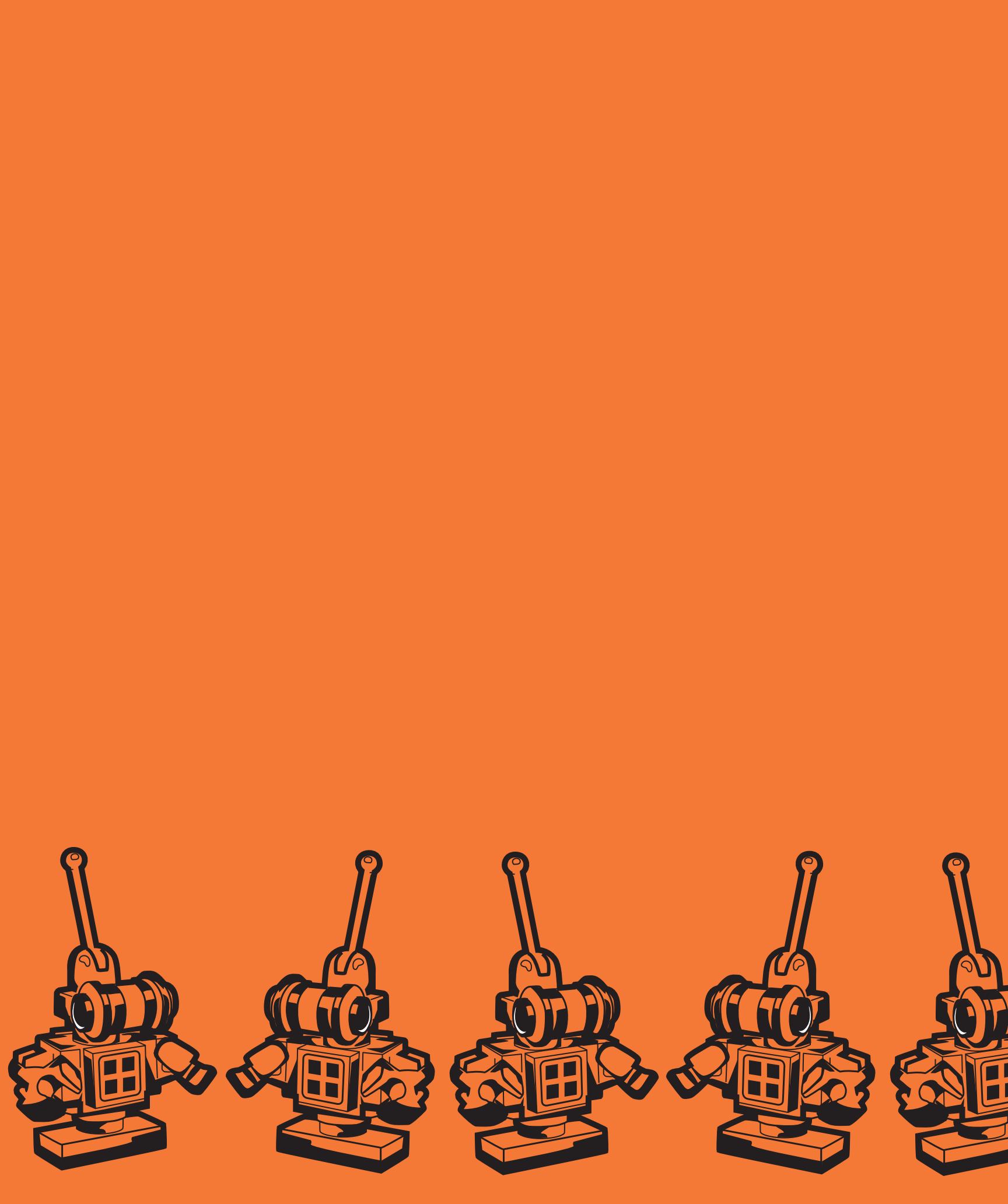








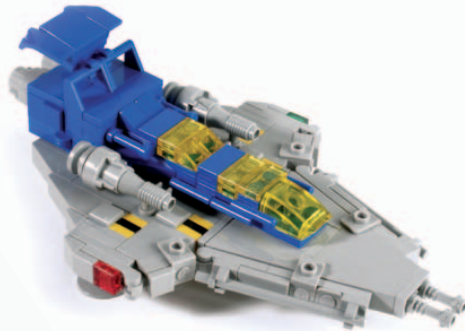






# WHAT WILL YOU BUILD?™

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