

60508 Police Train Heist

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All aboard for nonstop action with the LEGO® City Police Train Heist (60508) toy train playset for ages 7 and up. This Powered Up electric train set for kids includes a working locomotive and 3 flatcars carrying a prison cell, bank safe and rally car. The set also includes an oval train track with a railroad crossing and a track piece for re-railing trains. Just add the model helicopter with working grabber claw and the detective, police officer, train driver and 3 crook minifigures for imaginative train heist adventures.

TOY TRAIN POLICE PLAYSET – The LEGO® City Police Train Heist (60508) building kit features a motorized train, plus a helicopter, rally car, tracks and 6 minifigures for imaginative play.

WHAT'S IN THE BOX – This toy train set includes all kids need to build a Powered Up locomotive, 3 flatcars, a toy rally car, helicopter, prison cell, bank safe, railroad crossing and 6 minifigures.

FUN FEATURES FOR STORYTELLING – Functions include a crook's helicopter with a grabbing claw for heisting the bank safe, rally car and prison cell from the police train.

ELECTRIC TRAIN SET FOR KIDS – Comes with an oval train track and a motorized police locomotive that can be controlled via the included remote or a smart device with the Powered Up app.

DIMENSIONS – The train engine toy including the 3 flatcars in this 1,313-piece LEGO® City set measures over 3.5 in. (9 cm) high, 31.5 in. (80 cm) long and 2.5 in. (6 cm) wide.

The front of the box shows a police train traveling down a track! There is a helicopter in the air using a grabber claw to steal the safe! On the ground, there is a crook in a car breaking out a prisoner from the back of the train!

The back of the box shows the entire train with the carts! It has a train with the cockpit, a prison cell, a bank safe, and a cart to hold a car!

The top of the box shows a real size image of the detective! She has blonde hair and is wearing a leather jacket with a badge around her neck!

The build is 1313 pieces in total and is for ages 7+.

Welcome to Text-Based Building Instructions from Bricks for the Blind. Here is some helpful information on how to best use screen readers and browsers: bricksfortheblind.org/help-with-screen-readers. Before you start building, here are some terms we will be using:

- In Front of/Front: towards you.
- Behind/Back: away from you.
- Up: towards the ceiling.
- Down: towards the floor.
- Stud: the bump on a LEGO brick. Example: A 2x1 brick has two studs on it.
- Vertically: with the longest side going from front to back
- Horizontally: with the longest side going from left to right.
- Upright: pointing up towards the ceiling.
- Standing upright: The piece is perpendicular to the ground, like a wall.

- Lying flat: The piece is parallel to the ground, like a piece of toast which fell off the table.
- That one/PPP: previously placed piece.
- Plate: piece with studs.
- Tile: smooth piece without studs (unless otherwise specified)
- A jumper plate is a 1x2 plate with a single stud on top, or a 1x3 plate with only two studs on top.
- "Anti-stud" is a term for the portion of a LEGO piece which accepts studs, like the bottom of a plate or brick.
- Symmetrically: a mirror image. Example: If you place a 2x1 brick with technic connector on the front wall at the right, connector to the front, and then place another such piece symmetrically on the back wall, at the right, the technic connector of the second piece should point to the back, since it will be placed symmetrically.
- Centered-vertically: even amount of space in front of and behind piece
- Centered-horizontally: even amount of space left and right of piece.
- Row: studs lined up horizontally (left to right/side to side).
- Column: studs lined up upright or vertically (top to bottom/back to front).

A note on LEGO Technic™ part names. These parts are somewhat different from regular LEGO bricks. Here are some definitions in case the builder or helper is not familiar with LEGO Technic™.

Axles - An axle is a connector which has an X shaped cross-section. Because their cross section is not round, anything connected to an axle using an axle-hole will rotate with that axle. Axles are longer than they are wide, and the length of an axle corresponds with how many bricks long it is. Aka a 3L axle is three bricks long. Axles come in a variety of lengths, with a 2L axle being the shortest available. They may be combined with pins, or have circular stops on them. A stop prevents the axle from sliding through an axle-hole at a specific point on the axle.

Pins - A pin is a connector which has a circular cross section and a flanged notch out of one or both ends. This flanged notch allows them to click into bricks with a pin-hole. Pins come with and without friction ridges, which are small bumps on the pin which prevent them from rotating freely. For standard pins, black is a high friction pin, and gray is a low friction pin. A standard length pin is two brick lengths long, with a stop in the middle. This prevents a brick from being pushed from one side of the pin to the other. A 1L pin is one brick long and still retains the stop, however it also includes a hollow stud at the other end. A 3L pin is three bricks long, and only contains a stop at one side, allowing two bricks to be pushed onto the other side of the pin. Pins may also have one side which is an axle.

Technic brick - a brick which contains one or more holes which accept technic pins.

Lift-arms - A lift-arm is a basic structural element, similar to a brick or a plate, but usually without any studs. It is a beam with rounded ends and with holes in it, with the same spacing as the studs on a LEGO brick. lift-arms come in a variety of lengths, including a 1x1 lift-arm which looks like a cylinder. Thick lift-arms are as wide as a LEGO brick, and thin lift-arms are half as wide as a LEGO brick, but not the same thickness as a LEGO plate! The holes in a lift-arm arm may accept axles or pins. They also come in a variety of shapes, including tees, els and triangles.

Gears - A gear is a functional element. They are typically discs with teeth on the outside, there are also worm gears which look like a spiraling cylinder! Gears connected by axles transmit or even transform rotational motion!

Axle and Pin Connectors - These elements are typically smaller than lift-arms and are used to connect some combination of pins or axles. They might have pins or axles, as well as axle or pin-holes. They have a lot of different angle combinations! The simplest just connects two axles or pins together in a straight line.

Bushes/Bushings - LEGO Technic™ uses bushes largely as spacers, but they also can reduce friction between rotating parts, or can form useful elements such as handles. Bushes are typically light gray, generally cylindrical, and have an axle-hole running through the middle. They have a flange at the front and back to make them easier to pull on and off.

For builders with low vision, or a sighted building partner may want to follow along with the printed visual instructions that come with each kit, or PDF versions are always online at LEGO.com for each set: (<https://www.lego.com/en-us/service/buildinginstructions/60508>) As low vision users may benefit from viewing the instructions on a personal device where they can zoom in on content and use assistive technologies to enhance the visuals.

Sorting the pieces:

To begin a successful build, it helps to sort the pieces into groups, bags, or small containers. Have a friend or family member do this in advance following the instructions below. You will see that the pieces should be sorted according to the building steps in the kit. Doing this in advance makes locating the pieces for each step easier. See below on how to sort the pieces to correspond to the steps in this set. Number the containers using letters A-Z, numbers, or meaningful names. The parts will be sorted into one or a small number of steps in the instructions. Example: Steps 1-3 means collect all the parts used in steps 1,2 and 3, and put them in one container.

This LEGO set comes with 12 bags labeled 1 to 12, 6 sets of instructions, and some loose pieces. Sort the pieces into groups or piles as described below. Note that where there are multiple colors of the same brick in a step, the colors will be split into 2 groups to make telling the difference easier for the builder! LEGO includes a few spare parts in case you lose something. Set these into their own group away from the rest, in case you need them later.

Bag 1 - Robber and Rally Car

Group 1 - Page 5.
Group 2 - Steps 1-10.
Group 3 - Steps 11-21.
Group 4 - Steps 22-25.
Group 5 - Steps 26-29.

Bag 2 - Robber and Helicopter

Group 6 - Page 2.
Group 7 - Steps 1-18.
Group 8 - Steps 19-34.
Group 9 - Steps 35-41.

Bag 3 - Helicopter

Group 10 - Steps 42-46.
Group 11 - Steps 47-62, 1 black 1x1 plate, and 1 transparent green 1x1 round tile from Step 63.

Group 12 - Rest of Step 63 and Steps 64-74.

Bag 4 - Flatbed Cart

Group 13 - Steps 1-5 and 2 dark tan 2x4 plates from Step 6.

Group 14 - Rest of Step 6 and Steps 7-19.

Bag 5 - Detective and Flatbed Cart

Group 15 - Page 2.

Group 16 - Steps 1-5 and 2 dark tan 2x4 plates from Step 6.

Group 17 - Rest of Step 6 and Steps 7-12.

Group 18 - Steps 13-15.

Group 19 - Steps 16-21.

Group 20 - Steps 22-25.

Bag 6 - Flatbed Cart and Safe

Group 21 - Steps 26-31.

Group 22 - Steps 32-46.

Group 23 - Steps 47-51.

Bag 7 - Police Officer and Flatbed Cart

Group 24 - Page 2.

Group 25 - Steps 1-10.

Group 26 - Steps 11-18.

Group 27 - Steps 19-26.

Bag 8 - Jail Cell

Group 28 - Steps 27-40 and 1 transparent blue 1x2 tile from Step 41.

Group 29 - Rest of Step 41 and Steps 42-49.

Group 30 - 2 dark blue 1x10 plates from Step 50.

Group 31 - Rest of Step 50 and Steps 51-55.

Bag 9 - Remote, Battery Pack, Police Officer, and Train

Group 32 - Pages 1-6.

Group 33 - Steps 1-12.

Group 34 - Steps 13-25.

Group 35 - Steps 26-40.

Group 36 - Steps 41-44.

Group 37 - Steps 45-53 and 1 dark blue 2x4 triangle plate from Step 54.

Group 38 - Rest of Step 54, Steps 55-57, and 1 white 2x4 triangle plate from Step 58.

Group 39 - Rest of Step 58.

Bag 10 - Train

Group 40 - Steps 59-76.

Group 41 - Steps 77-91 and 2 dark blue 2x4 triangle plates from Step 92.

Group 42 - Rest of Step 92 and Steps 93-102.

Group 43 - Steps 103-115.

Bag 11 - Train

Group 44 - Steps 116-132.

Group 45 - Steps 133-144 and 1 red 1x2 plate with an upright bar from Step 145.
Group 46 - Rest of Step 145 and Step 146.

Bag 12 - Prisoner and Train Tracks

Group 47 - Page 112.

Group 48 - Steps 1-4 and 2 lime green 2x4 plates from Step 5.

Group 49 - Rest of Step 5, Steps 6-16, and 6 white candle sticks from Step 17.

Group 50 - Rest of Step 17 and Steps 18-20.

Let's get to building!

Building Instructions (Bag 1, Book 1):

Group 1 - Robber

Sub-build 1. Locate 1 sand blue pair of legs, 1 yellow torso printed with a red shirt and white jacket over it, 1 yellow head printed with sideburns, eyes, lips, and orange tinted glasses, light brown hair, and a black crowbar. Assemble your minifigure then attach the crowbar to his hand! Now put him away while we make the car!

Group 2 - Rally Car

Step 1

Horizontally place a black 6x12 car base with 4 axle holes in front of you. Then insert a tan 2L pin axle into the leftmost front-facing axle hole so the pin faces the front. Then repeat symmetrically to the right. Now repeat both parts symmetrically to the back.

Step 2

Horizontally place a transparent red 2x4 plate on the front 2 rows so it is centered horizontally. Then repeat symmetrically to the back.

Step 3

Horizontally place a dark tan 1x4 plate on the 2nd row from the back, on top of the ppp so it is centered horizontally. Then repeat symmetrically to the front.

Step 4

Place a black 1x1 tile on the leftmost column of the front row. Then repeat symmetrically to the right. Now repeat both parts symmetrically to the back.

Step 5

Place a short tan 2x2 ridged brick on the 2 leftmost columns so it is centered vertically. Then horizontally place a light grey 2x3 brick to the right of the ppp.

Step 6

Vertically place a lime green 1x2 rounded plate on the leftmost column so it is centered vertically. Then place a sand green 2x2 tile with a stud to the right of the ppp. Now vertically place a lime green 1x2 rounded plate to the right of the ppp.

Step 7

Vertically place a light grey 1x2 slope tile printed with 2 speedometers to the right of the ppp so it is centered vertically and slopes to the right. Now vertically place a light grey 1x2 steering wheel to the right of the ppp so the wheel faces the right.

Step 8

Place a light blue 2x2 brick on the 2 rightmost columns so it is centered vertically.

Step 9

Vertically place a dark orange 1x2 plate on the 2nd column from the right so it is centered vertically. Now place a dark tan 2x2x2 slope brick to the left of the ppp so it slopes to the left.

Step 10.1

Let's make a part! Horizontally place a black 1x2 plate with 2x6 side studs hanging down in front of you so the side studs face the front. Now horizontally place a black 1x6 plate upright on the top row of front-facing side studs. Then horizontally place a light grey 1x4 rounded plate upright below the ppp so it is centered horizontally.

Step 10.2

Vertically place a black 1x2 sloped curved tile upright on the leftmost column of front-facing side studs so it slopes down. Then repeat symmetrically to the right. Now horizontally place 2 transparent red 1x2 grill tiles, 1 to the right of the other, upright on the top row of front-facing side studs.

Step 10.3

Vertically place your part on the rightmost column so it is centered vertically and the upright pieces face the right.

Group 3 - Rally Car

Step 11

Horizontally place a black 2x4 brick with a mudguard on the front right corner so 1 row and the mudguard overhang to the front. Then repeat symmetrically to the back.

Step 12

Place the left column of 2 black 2x2 tiles with 2 studs, 1 in front of the other, on the rightmost column so together they are centered vertically and the studs are on the left. Then horizontally place a dark orange 1x2 plate in front of the 2 ppp. Then repeat symmetrically to the back.

Step 13

Place a green 2x2 corner plate on the 2nd and 3rd rows from the front and to the left of the previous 2x2 tiles with 2 studs so it looks like a braille letter j. Now vertically place a dark orange 1x2 plate on the front 2 rows, to the left of the ppp. Then repeat both parts symmetrically to the back.

Step 14

Horizontally place a black 1x3 inverted half arch brick on the back row, to the left of the ppp so it slopes to the left and the rightmost column sits on a 1x1 tile. Then repeat symmetrically to the front.

Step 15

Horizontally place the right 3 columns of a black 1x4 panel on the 2nd row from the front, behind the ppp so the wall faces the front. Then repeat symmetrically to the back.

Step 16

Horizontally place a dark orange 1x4 tile on the back right corner. Then horizontally place a dark orange 1x2 sloped curved tile to the left of the ppp so it slopes to the left. Now repeat both parts symmetrically to the front.

Step 17

Place a light grey 2x2 plate with a hinge and 2 studs on the 2nd and 3rd columns from the right so it is centered vertically and the hinge is on the right. Then horizontally place the 2 rightmost columns of a light grey 1x4 rounded plate in front of the ppp. Then repeat symmetrically to the back.

Step 18

Place a black 2x2 sloped curved tile on top of the previous 2x2 plate with 2 studs and a hinge so it is centered vertically and slopes to the left onto the 2x2x2 slope brick.

Step 19

Horizontally place a black 1x4 slope brick in front of the ppp so it slopes to the right and there is no overhang. Then repeat symmetrically to the back.

Step 20

Horizontally place a black 2x4 brick with a mudguard on the front left corner so the mudguard and 1 row overhang to the front. Then repeat symmetrically to the back. Now vertically place a dark orange 1x2 plate in between the rightmost column of the 2 ppp so it is centered vertically.

Step 21

Place a silver 2x2 car exhaust on the 2nd and 3rd columns from the left so it is centered vertically on the 2x2 tile with a stud and the larger opening opens to the left.

Group 4 - Rally Car

Step 22.1

Let's make a part! Horizontally place a black 1x2 plate with 2x6 side studs hanging down in front of you so the side studs face the front. Then horizontally place a lime green 1x2 rounded plate upright on the bottom row of front-facing side studs so it is centered horizontally. Now horizontally place a black 1x1 plate with a 1x1 slope tile upright to the left of the ppp so it slopes to the left. Then repeat symmetrically to the right.

Step 22.2

Horizontally place a light grey 1x4 rounded plate upright on the top row of front-facing side studs so it is centered horizontally. Now place a transparent 1x1 slope tile upright to the left of the ppp so it slopes to the left. Then repeat symmetrically to the right.

Step 22.3

Horizontally place a silver 1x2 grill tile upright on the top row of front-facing side studs so it is centered horizontally. Then attach the bar of a dark grey 1x1 round tile with an upright bar to the left of the ppp so the anti-stud faces the front. Then repeat symmetrically to the right.

Step 22.4

Now horizontally place 2 black 1x2 slope tiles, 1 to the right of the other, upright on the bottom row of front-facing side studs so they slope up. Vertically place your part on the leftmost column so it is centered vertically and the upright pieces face the left.

Step 23

Place a dark grey 4x4 plate with a 2x2 gap on the 4 leftmost columns so it is centered vertically.

Step 24

Place 2 black 2x2 sloped curved tiles on the leftmost column so together they are centered vertically and slope to the left onto the upright parts. Now horizontally place a black 1x2 tile with a cutoff corner to the right of the front row of the 2 ppp so the cutoff corner faces the back right. Then repeat symmetrically to the back.

Step 25

Horizontally place a dark orange 1x2 sloped curved tile on the front left corner so it slopes to the left. Then horizontally place another 1 to the right of the ppp so it slopes to the right. Now repeat both parts symmetrically to the back.

Group 5 - Rally Car

Step 26

Vertically place a transparent 3x4 windshield to the right of the 2x2 car exhaust so it is centered vertically and slopes to the left.

Step 27

Place the leftmost column of a black 4x4 car hood printed with the number 47 on top of the ppp so it is centered vertically and the studs are on the right.

Step 28.1

Let's make a part! Place a dark orange 2x2 inverted sloped curved tile in front of you so it slopes up to the back. Then horizontally place a dark grey 1x2 plate with a hinge connector on the front row so the connector faces the front. Now horizontally place a black 2x6 tile on top so it is centered horizontally.

Step 28.2

Vertically attach the connector of your part to the rightmost top-facing hinge so the 2x6 tile is on the right and faces up. It should slope down to the left a little. This is the car's spoiler!

Step 29.1

Let's make 4 identical parts! Insert a silver wheel into a black tire then place it in front of you so the stud faces up. Now place a silver 1x1 round tile printed with a center black circle and 8 black dots around it on top. This is the wheel's lugnuts!

Step 29.2

Now you should have 4 identical parts! Attach 1 part to the leftmost front-facing pin. Then repeat symmetrically to the right. Now repeat both parts symmetrically to the back. Now put your car away while we make the next part!

Building Instructions (Bag 2, Book 2):

Group 6 - Robber

Sub-build 2.1. Locate 1 black pair of legs, 1 torso printed with a black and white suit and a red tie, 1 yellow head printed with a black eye mask, and pink lips, and 1 black hair. Assemble your minifigure then place her in front of you.

Sub-build 2.2. Attach a black visor to a black helmet! You can switch this with her hair if you want!

Sub-build 2.3. Let's make a part! Place a red 1x1 round brick in front of you. Then insert the short bar of a dark grey welding tool to the ppp. Now attach the handle of it to your minifigure! Now put everything away while we make the helicopter!

Group 7 - Helicopter

Step 1

Vertically place a dark grey 2x3 plate in front of you.

Step 2

Vertically place a lime green 2x8 plate on top of the ppp so 5 rows overhang to the front.

Step 3

Horizontally place a dark grey 2x12 plate underneath the 4th and 5th rows from the front, in front of the ppp, so 10 columns are exposed to the left.

Step 4

Vertically place a dark grey 2x3 plate underneath the 3 front rows.

Step 5

Vertically place a lime green 2x4 tile on the 4th and 5th columns from the right so it is centered vertically. Then horizontally place a black 1x4 rounded plate underneath the front row of the ppp so it is centered horizontally. Now repeat symmetrically to the back.

Step 6

Vertically place a black 1x2 plate with a handle on the front 2 rows of the 3rd column from the right so the handle faces the front. Then vertically place another 1 on the front 2 rows of the 6th column from the right so the handle faces the front. Now repeat both parts symmetrically to the back.

Step 7

Vertically place a lime green 2x6 plate with inverted sloped sides on the 5th and 6th columns from the left so it is centered vertically.

Step 8

Horizontally place a lime green 6x8 plate with a round side and inverted sloped sides to the left of the ppp so it is centered vertically and the round side faces the left.

Step 9

Vertically place a light grey 1x2 plate with a socket on the rightmost column so it is centered vertically and the socket faces the right. Then horizontally place the rightmost column of a dark tan 1x8 plate in front of the ppp. Then repeat symmetrically to the back.

Step 10

Horizontally place a lime green 1x2 slope tile on the front right corner so it slopes to the front. Then horizontally place a transparent red 1x2 plate behind the ppp. Then repeat both parts symmetrically to the back.

Step 11

Horizontally place a dark grey 2x12 plate on the 2nd to 13th columns from the right so it is centered vertically.

Step 12

Horizontally place a light grey 2x6 tile on the 6 rightmost columns so it is centered vertically.

Step 13

Vertically place a dark grey 1x2 plate with a handle on the rightmost column in front of the ppp so the handle faces the right. Then vertically place a lime green 1x2 rounded plate to the left of the ppp. Now repeat both parts symmetrically to the back.

Step 14

Vertically place 2 light grey 1x4 tiles with 2 studs, 1 to the left of the other, to the left of the 2x6 tile from step 12 so together they are centered vertically.

Step 15

Horizontally place a black 1x2 ingot tile on the 2nd row from the front of the 6th and 7th columns from the left. There should be a 1 column gap in between this and the front row of the 2 ppp. Then repeat symmetrically to the back.

Step 16

Vertically place a silver 1x2 grill tile in between the left column of the 2 ppp so it is centered vertically.

Step 17

Horizontally place a light grey 1x2 slope brick on the front row of the 4th and 5th columns from the left so it sits to the left of a 1x2 ingot tile and slopes to the right. Then repeat symmetrically to the back.

Step 18

Vertically place a black 1x2 plate with 2 1x3 angled sloped curved tiles on the 3 leftmost columns so it is centered vertically and slopes to the left.

Group 8 - Helicopter

Step 19

Vertically place a light grey 1x2 tile printed with buttons and a speedometer on top of the ppp so it is centered vertically. Now place a dark grey 1x1 round tile with an upright bar on the front row, to the right of the ppp. Then repeat symmetrically to the back.

Step 20

Vertically place a transparent red 1x2 plate on the 2nd column from the left. Then place a black 2x2 sloped curved tile the 2 leftmost columns so it slopes to the left.

Step 21

Vertically place a black 1x6 plate on the 7th column from the right so it is centered vertically.

Step 22

Horizontally place a black 1x6 plate on the front row, to the left of the ppp. Then repeat symmetrically to the back.

Step 23

Horizontally place a black 1x6 plate on the back row on top of the ppp so the rightmost column sits on the back row of the vertical 1x6 plate from step 21. Then horizontally place a black 1x2 plate with an upright bar on the 2 rightmost columns of the ppp so the bar faces the back. Now horizontally place a black 1x3x2 inverted half arch brick to the left of the ppp so it slopes to the left.

Step 24

Repeat the previous step symmetrically to the front.

Step 25

Horizontally place a black 1x4 angled sloped curved tile on the front left corner, to the left of the ppp so it slopes to the left and the angled part faces the front left. Then repeat symmetrically to the back.

Step 26

Horizontally place a black 1x2x2 panel with a window on the front row of the 6th and 7th columns from the right so it sits on the 1x2 plate with a bar and the window faces the front. Now attach a transparent glass pane to the back of the ppp. Then repeat both parts symmetrically to the back.

Step 27

Place a black 1x1 plate on the back row, to the left of the ppp so it sits on the 1x3x2 half arch brick. Then repeat symmetrically to the front.

Step 28

Horizontally place the left column of a light grey 1x2x3 panel behind the ppp so the wall faces the front. Then repeat symmetrically to the back.

Group 9 - Helicopter

Step 29

Vertically place a lime green 1x6 plate on the right column of the 2 ppp so it is centered vertically. Now vertically place a lime green 1x2 slope tile to the left of the front 2 rows of the ppp so it slopes to the left. Then repeat symmetrically to the back.

Step 30

Attach a black 1x1 round plate with a clip underneath to the front-facing upright bar so the stud faces the left. Now place a transparent 1x1 round tile upright on the stud of the ppp. Now repeat both parts symmetrically to the back.

Step 31

Horizontally place a black 1x2 inverted slope brick on the front right corner so it slopes and overhangs to the right. Then place a black 1x1 brick to the left of the ppp. Now repeat both parts symmetrically to the back.

Step 32

Horizontally place a black 1x2x2 panel with a window on the back row on top of the 2 ppp so the window faces the back. Now attach a transparent glass pane to the front-facing side of the ppp. Now repeat both parts symmetrically to the front.

Step 33

Vertically place a light grey 1x4x3 panel in between the left column of the 2 previous panels with a window so it is centered vertically and the wall faces the left.

Step 34

Horizontally place a black 1x2 inverted slope brick on the front right corner so it slopes and overhangs to the right. Then repeat symmetrically to the back.

Step 35

Vertically place a black 1x6 arch brick on the left column of the 2 ppp so it is centered vertically.

Step 36

Horizontally place a black 1x2 inverted slope brick on the front right corner so it slopes and overhangs to the right. Then repeat symmetrically to the back.

Step 37.1

Let's make a part! Place a dark grey 4x4 plate with a 2x2 gap in front of you. Then place a lime green 6x6 plate on top so it is centered.

Step 37.2

Place the rightmost column of your part on the 5th column from the right so it is centered vertically.

Step 38

Horizontally place a lime green 2x3 plate to the right of the front 2 rows of the ppp. Then repeat symmetrically to the back. Now vertically place a transparent red 1x2 plate in between the middle column of the 2 ppp so it is centered vertically.

Step 39

Vertically place a lime green 2x6 plate with a round side on the rightmost column so it is centered vertically, the round side overhangs to the right, and it sits on 2 studs.

Step 40.1

Let's make a part! Place a black 4x4 tile with 3 sides of studs and 2 clips in front of you so the clips face the back. Now place 2 black 2x2 sloped curved tiles, 1 in front of the other, on the leftmost column so together they are centered vertically and slope and overhang to the left. Then repeat symmetrically to the right.

Step 40.2

Vertically attach the clips of your part to the right-facing bars so the anti-studs face up. Now bend it up so it is diagonal. This is the back door of the helicopter!

Step 41.1

Let's make 2 identical parts! Let's make the side doors! Place a black 4x4 tile with 3 sides of studs and 2 clips in front of you so the clips face the back. Then vertically place a dark grey 1x2 plate with a bar on the leftmost column so it is centered vertically and the bar faces the right. Then repeat symmetrically to the right.

Step 41.2

Vertically place a black 1x4 double sloped curved tile on the leftmost column so it is centered vertically. Then repeat symmetrically to the right. Now place a transparent yellow 2x2 round plate with a rounded bottom underneath the front 2 rows so it is centered horizontally.

Step 41.3

Now you should have 2 identical parts! Attach the clips of 1 part to the 2 front-facing handles so the it is upright and the studs face the front. Then repeat symmetrically to the back.

Building Instructions (Bag 3, Book 2):

Group 10 - Helicopter

Step 42

Place a light grey 2x2 slope brick on 11th and 12th columns from the right so it sits to the right of the 1x2 slope tiles and is centered vertically and slopes to the left.

Step 43

Vertically place a light blue 1x4 brick to the right of the ppp so it is centered vertically. Then horizontally place a magenta 2x4 plate to the right of the ppp so it is centered vertically.

Step 44

Horizontally place 2 lime green 1x2 plates with a handle, 1 in front of the other, on the previous 1x4 brick and 2x2 slope brick so together they are centered vertically and the handles face the left. \

Step 45.1

Let's make 2 identical parts! Place a dark grey 2x2 round plate in front of you. Then horizontally place a black 1x2 plate on the back row. Then horizontally place a black 1x2 plate with 2x2 anti side studs on top of the ppp so the anti-studs face the back.

Step 45.2

Horizontally place a black 1x2 half cylinder brick on the front row so the round side faces the front. Then horizontally place a black 1x2 plate on the back row. Now place a black 2x2 tile with a round side on top so the round side faces the front.

Step 45.3

Lay your part on its back-facing side so the anti-studs of the 2x2 round plate faces the left. Now place a light grey 1x1 cupcake wrapper upright on the left-facing anti-studs so it is centered.

Step 45.4

Now you should have 2 identical parts! These are the engines! Place 1 part on the front 2 rows of the 11th and 12th columns from the right so it sits to the right of a 1x2 slope tile and the cupcake wrapper faces the left. Then repeat symmetrically to the back.

Step 46

Horizontally place a black 1x6 sloped curved brick on the back row, to the right of the ppp so it slopes to the right. Then repeat symmetrically to the front.

Group 11 - Helicopter

Step 47

Let's make a part! Let's make the helicopter's tail! Horizontally place a black 2x16 plate in front of you. Then horizontally place a dark grey 1x2 rounded plate on the back right corner.

Step 48

Place a light grey 2x2 round brick with 2 pinholes on the front right corner so it overhangs 1 row to the front and the pinhole faces the front and back. Now horizontally place a light grey 1x2 tile with a round side on top of the front row of the ppp so the round side faces the front. Then insert the 2L side of a tan 3L pin into the front-facing pinhole so the 1L pin faces the front.

Step 49

Vertically place a black 2x4 left wedge plate on the back right corner so the angled side faces the left, and the short end overhangs 3 rows to the back. Then horizontally place a dark grey 1x2 rounded plate on the front row of the ppp.

Step 50

Place a lime green 2x2 plate on the 2 rightmost columns so it sits behind the 1x2 tile with a round side.

Step 51

Place a black 2x2 brick to the left of the ppp. Then place 5 black 2x2 half cylinder bricks, 1 to the left of the other, to the left of the ppp so they slope to the front and back.

Step 52

Horizontally place a lime green 2x3 plate with a round side and a pinhole on the 3rd to 5th columns from the right so it is centered vertically and the round side faces the left. Then horizontally place a lime green 1x8 tile to the left of the ppp.

Step 53

Horizontally place a black 2x3 tile with a tail printed with a green cobra on the 3 rightmost columns so it is centered vertically and the tail overhangs to the right.

Step 54

Vertically place a black 1x2 jumper plate with a round side to the left of the ppp so it is centered vertically and the round side faces the left. Then place a transparent 1x1 round tile on top of the ppp.

Step 55

Horizontally place 2 light grey 1x6 bricks, 1 in front of the other, on the 2 leftmost columns so together they overhang 4 columns to the left.

Step 56

Place a lime green 2x2 plate on the 3rd and 4th columns from the left. Then horizontally place a lime green 2x3 plate with a round side and pinhole to the right of the ppp so the round side faces the right.

Step 57

Attach a black rotor with 3 blades to the rightmost front-facing pin.

Step 58

Horizontally place your part on the 9 rightmost columns of the main build so it is centered vertically and overhangs to the right.

Step 59

Horizontally place the 2 rightmost columns of a dark grey 2x2 brick with an upright pin and 2 1x2 plates on the 2 leftmost columns of the previous part so it is centered vertically and sits to the right of 2 handles. Then vertically place a dark grey 1x2 slope tile on the leftmost column of the ppp so it slopes to the left.

Step 60

Place a dark grey 2x2 round plate to the right of the top-facing pin from the previous step so it is centered vertically. Then horizontally place a dark grey 2x3 pentagonal tile to the right of the ppp so the angled side faces the right.

Step 61

Horizontally place a dark grey 2x3 pentagonal tile on top of the 2 ppp so it is centered vertically and the angled side faces the right.

Step 62

Horizontally place a black 2x10 left sloped curved brick in front of the ppp so it slopes to the front and to the right so there is no overhang. Then repeat symmetrically to the back using a ridge sloped curved brick.

Step 63.1

Place a black 1x1 plate on top of the ppp. Then place a transparent green 1x1 round tile on top of the ppp.

Group 12 - Helicopter

Step 63.2

Repeat the previous step symmetrically to the front but now using a transparent red 1x1 round tile.

Step 64.1

Let's make a part! Let's make the windshield! Place a transparent yellow 2x2 round plate with a smooth underside in front of you. Then vertically place a black 1x2 plate with 2 clips on the right column so the clips face the right. Now horizontally place a transparent 6x8 sloped curved windshield on the left column so it is centered vertically, and slopes and overhangs to the left. Now place a lime green 2x2 tile with a round side on top so the round side faces the left.

Step 64.2

Horizontally attach the right-facing clips of your part to the 2 left-facing handles that are on the 10th column from the left so it is centered vertically and slopes to the left.

Step 65.1

Let's make a part! Let's make the blades! Place a black 5x5 cross-shaped plate with a pinhole in front of you. Horizontally place a black 2x14 helicopter blade on the 2 rightmost columns so it overhangs 1 row to the back and the tile side overhangs to the right. Then horizontally place another 1 on the 2 leftmost columns so it overhangs 1 row to the front and the tile side overhangs to the left.

Step 65.2

Vertically place a black 2x14 helicopter blade on the front 2 rows so it overhangs 1 column to the right and the tile side overhangs to the front. Then vertically place 1 on the back 2 rows so it overhangs 1 column to the left and the tile side faces the back. Now place a black 3x3 round tile on top so it is centered.

Step 65.3

Place your part on the top-facing pin so it is centered on it.

Step 66

Flip your helicopter upside down so it is horizontal and the tail faces the right. To the left of the tail, there is the helicopter's backdoor. To the left of the backdoor, place 2 transparent yellow 2x2 round plates with a smooth bottom, 1 in front of the other, so together they are centered vertically.

Step 67

Place a light grey 2x2 plate with 2 angled clips underneath in front of the 2 ppp so the clips face the right. Then attach a black wheel to the 2 clips. Now repeat both parts symmetrically to the back.

Step 68.1

Let's make a part! Place a light grey pin with 2 small pins and a side stud in front of you so the pin faces down and the stud faces the left. Then place a transparent 1x1 round tile upright on the left-facing side stud.

Step 68.2

Let's make a part! Attach a black tire to a light grey wheel. Then attach it to the front-facing small pin of the previous part. Now repeat both parts symmetrically to the back.

Step 68.3

Place your part on the leftmost pinhole of the helicopter bottom so it is centered vertically and the round tile faces the left. Make sure it is on the bottom of the helicopter and not the blades.

Step 69

Let's make a part! Let's make the claw that picks up the rally car! Place a tan 3L pin upright in front of you so the 2L side faces up. Then attach a lime green pinhole with a pin into the top-facing pin so it goes all the way down and the pin faces the left.

Step 70

Attach a silver 2L pin connector to the left-facing pin. Then insert a black 2L pin into the left-facing pinhole.

Step 71

Attach a silver 2L pin connector to the left-facing pin. Then attach a red ball with a pin to the left-facing pinhole.

Step 72

Horizontally attach the pinhole of a large dark grey claw half to the top-facing pin so the claw is in the back and faces the right. Then repeat symmetrically to the front using the bottom-facing pin.

Step 73

Attach a white rubber band around the claws so it sits in the gap that is to the right of the pinholes of the 2 claw halves.

Step 74

Make sure your main build is still upside down and horizontal, and the tail faces the right. Then horizontally attach the left-facing ball of your part to the right-facing socket that is to the right of the wheels. Now put your helicopter away while we make the next part!

Building Instructions (Bag 4, Book 3):

Group 13 - Flatbed Cart

Step 1

Horizontally place a white 2x6 brick in front of you. Then horizontally place a dark tan 2x4 plate on top so it is centered horizontally.

Step 2

Horizontally place a black 2x5 stair plate underneath the 2 leftmost columns so the higher side is exposed 3 columns to the left. Then repeat symmetrically to the right.

Step 3

Horizontally place a brown 1x2 plate with 2x2 side studs hanging down on the front row of the 3rd and 4th columns from the left so the side studs face the front. Then place a blue 2x2 plate upright on the front-facing side studs of the ppp. Now repeat both parts symmetrically to the back. Then repeat everything symmetrically to the right.

Step 4.1

Let's make 2 identical parts! Horizontally place a black 2x8 plate in front of you. Then horizontally place a dark grey 1x2 grill tile on the front row so it is centered horizontally.

Step 4.2

Horizontally place a dark grey 2x3 left wedge plate on the 3 leftmost columns so the angled side faces the front and the short end faces the left. Then repeat symmetrically to the right using a right wedge plate. Now horizontally place a dark grey 1x8 tile on the back row so it is centered horizontally and there is a 1x2 gap in the middle.

Step 4.3

Now you should have 2 identical parts! Horizontally place 1 part upright on the front-facing side studs so it is centered horizontally and the 1x8 tile is on top. Then repeat symmetrically to the back.

Step 5

Place a red 2x2 tile with a stud on the 2 leftmost columns. Then repeat symmetrically to the right.

You will have 2 extra dark tan 2x4 plates. Save them for later!

Group 14 - Flatbed Cart

Step 6.1

Let's make 2 identical parts! Horizontally place a black 2x4 plate in front of you. Then horizontally place a dark tan 2x4 plate from group 13 on top of the ppp. Now vertically place a transparent red 1x2 plate on the leftmost column. Then vertically place a black 3x6 train wheel holder brick on the 3 rightmost columns so it is centered vertically. This piece has a 2x3 plate with 1x3 bricks with a wheel holder on each side. Now place a blue 2x2 plate on the 2 leftmost columns.

Step 6.2

Now you should have 2 identical parts! Vertically place 1 part underneath the 2 leftmost columns so it is centered vertically and the 2x2 plate is exposed to the left. Then repeat symmetrically to the right.

Step 7

Vertically place a black 2x3 tile with a pinhole and a magnetic train bumper on the 2 leftmost columns so it is centered vertically and the bumper faces the left. Then repeat symmetrically to the right.

Step 8

Vertically place a dark grey 2x6 plate on top so it is centered horizontally and vertically.

Step 9

Horizontally place a dark grey 6x8 plate to the left of the ppp so it is centered vertically. Then repeat symmetrically to the right.

Step 10

Horizontally place a dark grey 1x2 plate with a ladder hanging down on the front left corner so the ladder faces the front. Then repeat symmetrically to the back. Now repeat both parts symmetrically to the right.

Step 11

Vertically place 2 black 1x4 tiles with 2 studs, 1 to the right of the other, on the 2 leftmost columns so together they are centered vertically. Then repeat symmetrically to the right.

Step 12

Horizontally place a dark grey 1x10 plate on the front row so it is centered horizontally. Then horizontally place a dark grey 1x2 grill tile to the left of the ppp. Then repeat symmetrically to the right. Now repeat both parts symmetrically to the back.

Step 13

Place a black 1x1 plate with a side stud hanging down on the 2nd row from the front of the leftmost column so the side stud faces the left. Then repeat symmetrically to the back. Now repeat both parts symmetrically to the right.

Step 14

Place a transparent red 1x1 round tile upright on the front left-facing side stud. Then repeat symmetrically to the back. Now repeat both parts symmetrically to the right.

Step 15.1

Let's make 4 identical parts! Place a light grey 1x1 brick with an axle hole in front of you so the axle hole faces left and right. Then attach an L-shaped black pinhole with 2 axles to the left-facing axle hole so the other axle faces up.

Step 15.2

Now you should have 4 identical parts! Horizontally place 1 part on the 2nd row from the front of the 3rd column from the left so it sits behind the 1x2 grill tile and the axle is on the right. Then repeat symmetrically to the back. Now repeat both parts symmetrically to the right.

Step 16

Horizontally place a light grey 1x1 tile with a 1x1 slope tile on the 2nd row from the front of the 2nd and 3rd columns from the left so the right column sits on the 1x1 brick with an axle hole and it slopes to the left. Then repeat symmetrically to the back. Now repeat both parts symmetrically to the right.

Step 17

Horizontally place a yellow 1x6 tile on the front left corner so there is no overhang. Then place a black 1x1 double slope tile to the right of the ppp so it slopes to the left and right. Then repeat both parts symmetrically to the back. Now repeat everything symmetrically to the right.

Step 18

Horizontally place 2 yellow 1x2 tiles, 1 to the right of the other, on the front row so together they are centered horizontally. Then repeat symmetrically to the back.

Step 19

Flip your build upside down so it is horizontal. Now insert a black wheel into the front left wheel holder. The pins should attach to 2 little clips. Then repeat symmetrically to the back. Now repeat both parts symmetrically to the right. Now flip your train cart over so it is upright and horizontal. Then horizontally place the previous rally car you made on top so it is centered horizontally and the windshield faces the left. Now put everything away while we make the next part!

Building Instructions (Bag 5, Book 4):

Group 15 - Detective

Sub-build 3. Locate 1 black pair of legs, 1 torso printed with a dark blue shirt, brown jacket, and a necklace badge, 1 yellow head printed with sunglasses and pink lips, 1 blonde hair, and 1 black walkie talkie. Assemble your minifigure then attach the walkie talkie to her hand. Now put her away while we make the flatbed cart!

Group 16 - Flatbed Cart

Step 1

Horizontally place a white 2x6 brick in front of you. Then horizontally place a dark tan 2x4 plate on top so it is centered horizontally.

Step 2

Horizontally place a black 2x5 stair plate underneath the 2 leftmost columns so the higher side is exposed 3 columns to the left. Then repeat symmetrically to the right.

Step 3

Horizontally place a brown 1x2 plate with 2x2 side studs hanging down on the front row of the 3rd and 4th columns from the left so the side studs face the front. Then place a blue 2x2 plate upright on the front-facing side studs of the ppp. Now repeat both parts symmetrically to the back. Then repeat everything symmetrically to the right.

Step 4.1

Let's make 2 identical parts! Horizontally place a black 2x8 plate in front of you. Then horizontally place a dark grey 1x2 grill tile on the front row so it is centered horizontally.

Step 4.2

Horizontally place a dark grey 2x3 angled plate on the 3 leftmost columns so the angled side faces the front and the short end faces the left. Then repeat symmetrically to the right. Now horizontally place a dark grey 1x8 tile on the back row so it is centered horizontally.

Step 4.3

Now you should have 2 identical parts! Horizontally place 1 part upright on the front-facing side studs so it is centered horizontally and the 1x8 tile is on top. Then repeat symmetrically to the back.

Step 5

Place a red 2x2 tile with a stud on the 2 leftmost columns. Then repeat symmetrically to the right.

You will have 2 extra dark tan 2x4 plates. Save them for later!

Group 17 - Flatbed Cart

Step 6.1

Let's make 2 identical parts! Horizontally place a black 2x4 plate in front of you. Then horizontally place a dark tan 2x4 plate from group 16 on top of the ppp. Now vertically place a transparent red 1x2 plate on the leftmost column. Then vertically place a black 3x6 train wheel holder brick on the 3 rightmost columns so it is centered vertically. Now place a blue 2x2 plate on the 2 leftmost columns.

Step 6.2

Now you should have 2 identical parts! Vertically place 1 part underneath the 2 leftmost columns so it is centered vertically and the 2x2 plate is exposed to the left. Then repeat symmetrically to the right.

Step 7

Vertically place a black 2x3 tile with a pinhole and a magnetic train bumper on the 2 leftmost columns so it is centered vertically and the bumper faces the left. Then repeat symmetrically to the right.

Step 8

Vertically place a dark grey 2x6 plate on top so it is centered horizontally and vertically.

Step 9

Horizontally place a dark grey 6x8 plate to the left of the ppp so it is centered vertically. Then repeat symmetrically to the right.

Step 10

Vertically place a black 1x4 rounded plate on the leftmost column so it is centered vertically. Then repeat symmetrically to the right.

Step 11

Horizontally place a dark grey 1x2 plate with a ladder hanging down on the front left corner so the ladder faces the front. Then repeat symmetrically to the back. Now repeat both parts symmetrically to the right.

Step 12

Horizontally place a light blue 2x3 plate on the 2nd to 4th columns from the left so it is centered vertically. Then horizontally place a light grey 1x2 plate with a stud and pinhole in front of the 2 leftmost columns of the ppp so the pinhole is on the right. Then repeat symmetrically to the back. Now repeat everything symmetrically to the right.

Group 18 - Flatbed Cart

Step 13

Horizontally place a dark grey 2x3 plate on the front 2 rows of the 4th to 6th columns from the left so it sits to the right of the pinhole. Then repeat symmetrically to the back. Now repeat both parts symmetrically to the right.

Step 14.1

Vertically place a transparent red 1x2 plate on the 6th column from the right so it is centered vertically and sits in between the leftmost column of the 2 previous 2x3 plates. Then repeat symmetrically to the left.

Step 14.2

Horizontally place a black 1x2 plate with a bar on the front row so it is centered horizontally and the bar faces the front. Then horizontally place a black 1x2 plate with 2 upright side studs to the left of the ppp so the side studs face the front. Then repeat symmetrically to the right. Now repeat everything symmetrically to the back.

Step 15

Horizontally place a dark tan 2x4 plate on the 4 leftmost columns so it is centered vertically. Then repeat symmetrically to the right.

Group 19 - Flatbed Cart

Step 16

Vertically place a yellow 1x2 plate on the front 2 rows of the 2nd column from the left. Then repeat symmetrically to the back. Now repeat both parts symmetrically to the right.

Step 17

Place a yellow 1x1 tile on the front left corner. Then place a black 1x1 plate with a side stud hanging down behind the ppp so the side stud faces the left. Then repeat both parts symmetrically to the back. Then repeat everything symmetrically to the right.

Step 18

Place a transparent red 1x1 round tile on each of the left-facing side studs. Then repeat symmetrically to the right.

Step 19

Vertically place a black 2x4 plate on the 2 leftmost columns so it is centered vertically. Then repeat symmetrically to the right.

Step 20

Horizontally place a black 1x2 slope tile on the 2nd row from the front of the 2 leftmost columns so it slopes to the left. Then repeat symmetrically to the back. Now repeat both parts symmetrically to the right.

Step 21.1

Let's make 2 identical parts! Place a light grey pin connector with an axle in front of you so the pinhole faces the front and back and the axle faces the right. Now insert a yellow 2L pin into the front-facing hole of the ppp.

Step 21.2

Now you should have 2 identical parts! Insert the pin of 1 part to the back-facing pinhole that is in the back left corner so the axle faces up. Then repeat symmetrically to the right.

Group 20 - Flatbed Cart

Step 22.1

Let's make 2 identical parts! Place a light grey pin connector with an axle in front of you so the pinhole faces the front and back and the axle faces the right. Now insert a black 2L pin into the front-facing hole of the ppp.

Step 22.2

Now you should have 2 identical parts! Insert the pin of 1 part to the front-facing pinhole that is in the front left corner so the axle faces up. Then repeat symmetrically to the right.

Step 23

Horizontally place 2 yellow 1x6 tiles, 1 to the right of the other, on the front row so together they are centered horizontally. Then repeat symmetrically to the back.

Step 24

Vertically place a light grey 1x4 tile on the 6th column from the right so it is centered vertically. Then repeat symmetrically to the left.

Step 25

Horizontally place a dark grey 1x2 ingot tile upright on the 2 leftmost front-facing side studs. Then repeat symmetrically to the right. Then repeat both parts symmetrically to the back.

Building Instructions (Bag 6, Book 4):

Group 21 - Flatbed Cart

Step 26

Vertically place a light grey 1x2x2 brick on the 5th column from the left so it is centered vertically. Then repeat symmetrically to the right.

Step 27

Horizontally place the left column of a black 1x2x2 slope brick in front of the ppp so it slopes to the right. Then repeat symmetrically to the back. Now repeat both parts symmetrically to the left.

Step 28

Vertically place a black 1x2 plate with 2x4 side studs hanging down on the 5th column from the left so it is centered vertically and the side studs face the right. Then horizontally place a black 2x4 sloped curved tile upright on the right-facing side studs of the ppp so it slopes up. Now repeat both parts symmetrically to the right.

Step 29

Vertically place a light grey 1x4 tile on the 5th column from the left so it is centered vertically. Then repeat symmetrically to the right.

Step 30

Flip your build upside down so it is horizontal. Now insert a black wheel into the front left wheel holder. The pins should attach to 2 little clips. Then repeat symmetrically to the back. Now repeat both parts symmetrically to the right. Now flip your train cart over so it is upright and horizontal.

Step 31.1

Let's make 2 identical parts! Horizontally place a light grey 1x6x6 fence with a cross in front of you. Then horizontally place a light grey 1x4 tile on top so it is centered horizontally. Now insert a red 2L axle into the leftmost top-facing axle hole. Then repeat symmetrically to the right.

Step 31.2

Attach a light grey 3L bent axle connector with a pinhole to the leftmost top-facing axle so the other axle faces up and to the back. Then insert a blue 2L pin axle into the top-facing axle hole of the ppp. Now repeat both parts symmetrically to the right.

Step 31.3

Horizontally stack 2 light grey 6L thin liftarms to the 2 top-facing pins.

Step 31.4

Now you should have 2 identical parts! Vertically place 1 part on the 3rd column from the left so it attaches to the 2 top-facing axles, is centered vertically, and the 6L lift arms are on the right. Then repeat symmetrically to the right.

Group 22 - Safe

Step 32

Let's make a part! Let's make the bank safe now! Place a black 6x6 plate in front of you. Then vertically place a dark green 1x6 plate on the rightmost column. Then repeat symmetrically to the left.

Step 33

Horizontally place 2 dark grey 1x2 ridged bricks, 1 to the right of the other, on the back row so together they are centered horizontally and the vertical ridges face the front.

Step 34

Vertically place 2 tan 2x4 tiles, 1 to the right of the other, in front of the 2 ppp so together they are centered horizontally.

Step 35

Horizontally place a dark green 1x4 half cylinder brick on the front row so it is centered horizontally.

Step 36

Horizontally place a black 1x4 tile with 2 studs on the back row so it is centered horizontally.

Step 37

Place a dark green 1x1 brick on the back left corner. Then vertically place a dark green 1x4 brick in front of the ppp. Now repeat both parts symmetrically to the right.

Step 38

Horizontally place a dark grey 1x4x3 panel on top of the back row so it is centered horizontally and the wall faces the front.

Step 39

Vertically place a dark green 1x4 brick on the back left corner. Then place a dark green 1x1 brick in front of the ppp. Now repeat both parts symmetrically to the right.

Step 40

Place a dark green 1x1 brick on the back left corner. Then vertically place a dark green 1x4 brick in front of the ppp. Now repeat both parts symmetrically to the right.

Step 41

Vertically place a dark green 1x2 brick on the back left corner. Then repeat symmetrically to the right.

Step 42

Place 2 light grey 1x1 bricks with a side stud and bottom lip, 1 in front of the other, in front of the ppp so the side studs face the right. Then horizontally place a black 1x2 grill tile upright on the right-facing side studs of the 2 ppp. Now repeat both parts symmetrically to the left.

Step 43.1

Let's make a part! Horizontally place a dark green 1x6 plate in front of you. Then place 4 light grey 1x1 bricks with a side stud and bottom lip, 1 to the right of the other, on top so together they are centered horizontally and the side studs face the front. Now horizontally place 2 dark green 1x2 ingot tiles, 1 to the right of the other, upright on the front-facing side studs. Then stack 2 dark green 1x1 plates on the leftmost column. Then repeat symmetrically to the right.

Step 43.2

Horizontally place your part on the 2nd row from the front so it is centered horizontally and the ingot tiles face the front.

Step 44

Horizontally place a black 1x4 tile with 2 studs on the back row so it is centered horizontally.

Step 45

Place a light grey 5.5L antenna on the front left corner. Then repeat symmetrically to the right.

Step 46.1

Let's make 2 identical parts! Place a light grey 1x1 round plate in front of you. Then vertically place a dark green 1x6 plate on top so 5 rows overhang to the back.

Step 46.2

Now you should have 2 identical parts! Vertically place 1 part on the leftmost column so it is centered vertically and the 1x1 round plate is in the front and sits on top of the antenna. Then repeat symmetrically to the right.

Group 23 - Safe

Step 47

Place a black 6x6 plate on top so it is centered. Then place a dark green 2x2 tile with a stud on top of the ppp so it is centered. Now horizontally place a dark green 2x4 tile on the back right corner so there is no overhang. Then horizontally place another 1 on the front left corner. Then vertically place 1 on the back left corner. Now vertically place 1 on the front right corner. There should be no free studs of the 6x6 plate now.

Step 48.1

Let's make a part! Place a dark grey 4x4 tile with 3 sides of studs and 2 clips in front of you so the clips face the left. Then place a black 4x4 round plate on top so it is centered.

Step 48.2

Vertically place a light grey 1x2 jumper plate with a round side on the 2nd column from the right so it is centered vertically and the round side faces the right. Then place a light grey 1x1 tile printed with a keypad on top of the ppp.

Step 48.3

Vertically place a light grey 1x2 jumper plate with a round side on the 2nd column from the left so it is centered vertically and the round side faces the left. Then vertically place a gold 1x1 round plate with a bar on top of the ppp so the bar faces the back.

Step 48.4

Attach the clips of your part to the antenna that is in the front right corner so it overhangs to the front and the studs face the right.

Step 49.1

Let's make a part! Vertically place a brown 2x3 plate in front of you. Then place a gold 2x2 plate on the back 2 rows. Now horizontally place 3 gold 1x2 ingot tiles, 1 in front of the other, on top.

Step 49.2

This is a stack of gold bars! Vertically place it in the back right corner inside the safe.

Step 50.1

Let's make a part! Place a dark green 2x2 round plate in front of you. Then place a light grey 1x1 round plate on top so it is centered. Now place a transparent diamond on top of the ppp. Then place a transparent 2x2x2 dome on top so it is centered.

Step 50.2

Place your part inside the back left corner of the safe. Then horizontally place a gold trophy in front of it.

Step 51

Close the door of the safe. Then bring back your main build and make sure it is horizontal in front of you. Now place your safe on top so it is centered horizontally and the door faces the front. Now push the leftmost 1x6x6 fence with a cross to the right to secure the safe in place. Then repeat symmetrically to the right. NOW put everything away so we can make the next part!

Building Instructions (Bag 7, Book 5):

Group 24 - Police Officer

Sub-build 4. Locate 1 dark blue pair of legs, 1 dark blue torso printed with a black vest and a badge, 1 yellow head printed with eyes and a smile, 1 black hair, and 1 light grey pair of handcuffs. Assemble your minifigure then attach the handcuffs to his hand! Now put him away while we make the flatbed cart!

Group 25 - Flatbed Cart

Step 1

Horizontally place a white 2x6 brick in front of you. Then horizontally place a dark tan 2x4 plate on top so it is centered horizontally.

Step 2

Horizontally place a black 2x5 stair plate underneath the 2 leftmost columns so the higher side is exposed 3 columns to the left. Then repeat symmetrically to the right.

Step 3

Horizontally place a brown 1x2 plate with 2x2 side studs hanging down on the front row of the 3rd and 4th columns from the left so the side studs face the front. Then place a blue 2x2 plate upright on the front-

facing side studs of the ppp. Now repeat both parts symmetrically to the back. Then repeat everything symmetrically to the right.

Step 4.1

Let's make 2 identical parts! Horizontally place a black 2x8 plate in front of you. Then horizontally place a dark grey 1x2 grill tile on the front row so it is centered horizontally.

Step 4.2

Horizontally place a dark grey 2x3 angled plate on the 3 leftmost columns so the angled side faces the front and the short end faces the left. Then repeat symmetrically to the right. Now horizontally place a dark grey 1x8 tile on the back row so it is centered horizontally.

Step 4.3

Now you should have 2 identical parts! Horizontally place 1 part upright on the front-facing side studs so it is centered horizontally and the 1x8 tile is on top. Then repeat symmetrically to the back.

Step 5

Place a red 2x2 tile with a stud on the 2 leftmost columns. Then repeat symmetrically to the right.

You will have 2 extra dark tan 2x4 plates. Save them for later!

Group 26 - Flatbed Cart

Step 6.1

Let's make 2 identical parts! Horizontally place a black 2x4 plate in front of you. Then horizontally place a dark tan 2x4 plate from group 25 on top of the ppp. Now vertically place a transparent red 1x2 plate on the leftmost column. Then vertically place a black 3x6 train wheel holder brick on the 3 rightmost columns so it is centered vertically. Now place a blue 2x2 plate on the 2 leftmost columns.

Step 6.2

Now you should have 2 identical parts! Vertically place 1 part underneath the 2 leftmost columns so it is centered vertically and the 2x2 plate is exposed to the left. Then repeat symmetrically to the right.

Step 7

Vertically place a black 2x3 tile with a pinhole and a magnetic train bumper on the 2 leftmost columns so it is centered vertically and the bumper faces the left. Then repeat symmetrically to the right.

Step 8

Vertically place a dark grey 2x6 plate on top so it is centered horizontally and vertically.

Step 9

Horizontally place a dark grey 6x8 plate to the left of the ppp so it is centered vertically. Then repeat symmetrically to the right.

Step 10

Horizontally place a dark grey 1x2 plate with a ladder hanging down on the front left corner so the ladder faces the front. Then repeat symmetrically to the back. Now repeat both parts symmetrically to the right.

Step 11

Horizontally place a dark grey 1x10 plate on the front row so it is centered horizontally. Then horizontally place a dark grey 1x2 grill tile to the left of the ppp. Then repeat symmetrically to the right. Now repeat both parts symmetrically to the back.

Step 12

Vertically place 2 black 1x4 tiles with 2 studs, 1 to the right of the other, on the 2 rightmost columns so together they are centered vertically.

Step 13.1

Let's make a part! Horizontally place a light grey 1x2 brick with a pinhole in front of you. Then insert a yellow 2L pin into the front-facing side of the ppp. Now attach a red 2x2 plate with a pinhole underneath to the front-facing pin.

Step 13.2

Insert a yellow 2L pin into the front-facing pinhole. Then horizontally attach a light grey 1x2 brick with a pinhole to the front-facing pin.

Step 13.3

Vertically place your part on the 3rd and 4th columns from the right so it is centered vertically.

Step 14

Horizontally place a black 1x2 panel to the left of the back row of the ppp so the wall faces the back. Then repeat symmetrically to the front. Now vertically place another 1 in between the left column of the 2 ppp so it is centered vertically and the wall faces the left.

Step 15

Horizontally place a black 1x2 panel on the 2nd row from the front of the 5th and 6th columns from the left so the wall faces the front. Then horizontally place a black 1x6 tile to the right of the ppp. Now repeat both parts symmetrically to the back.

Step 16

Horizontally place a black 2x4 plate on the 4 leftmost columns so it is centered vertically. Then horizontally place a black 1x4 tile with 2 studs in front of the ppp. Then repeat symmetrically to the back.

Step 17

Place a black 1x1 plate with a side stud hanging down on the 2nd row from the front of the leftmost column so the side stud faces the left. Then repeat symmetrically to the back. Now repeat both parts symmetrically to the right.

Step 18

Place a transparent red 1x1 round tile upright on the front left-facing side stud. Then repeat symmetrically to the back. Now repeat both parts symmetrically to the right.

Group 27 - Flatbed Cart

Step 19

Place a yellow 1x1 tile on the front right corner. Then horizontally place a yellow 1x4 plate to the left of the ppp. Now repeat both parts symmetrically to the back.

Step 20

Horizontally place a yellow 1x6 tile on the back row, to the left of the ppp. Then horizontally place a yellow 1x2 tile to the left of the ppp. Now repeat both parts symmetrically to the front.

Step 21

Vertically place a yellow 1x4 plate on the 4th column from the left so it is centered vertically.

Step 22

Horizontally place a yellow 1x4 plate on the front row of the 2nd to 5th columns from the left. Then horizontally place a light grey 1x2 plate on top of the ppp so it is centered horizontally on it. Now repeat both parts symmetrically to the back.

Step 23

Place a yellow 1x1 tile on the front left corner. Then repeat symmetrically to the back.

Step 24

Place a red 1x1 mug on the 3rd row from the back of the 7th column from the left so the handle faces the right.

Step 25

Horizontally place a light grey 1x2 plate on the front row of the 3rd and 4th columns from the right. Then repeat symmetrically to the back.

Step 26.1

Let's make a part! Horizontally place a dark tan 2x8 plate in front of you. Then place a dark grey 2x2 double slope tile on the 2 rightmost columns so it slopes to the left and right. Then vertically place a yellow 1x2 tile to the left of the ppp. Now place a white 2x2 plate to the left of the ppp.

Step 26.2

Vertically place a white 1x2 plate with 2 bars on the 2nd column from the left so the bars face the left. Then vertically place another 1 to the right of the ppp so the bars face the right.

Step 26.3

Vertically place a white 1x2 half cylinder brick on the leftmost column. Then horizontally place a dark red 2x4 tile to the right of the ppp.

Step 26.4

Place a white 2x2 round plate with a smooth underside, underneath the 2 rightmost columns.

Step 26.5

Horizontally place your part on the 8 rightmost columns so it is centered vertically. Make sure the 2x2 round plate with a smooth underside is on the right side and not overhanging over the stud of the train bumper.

Building Instructions (Bag 8, Book 5):

Group 28 - Jail Cell

Step 27

Place a light grey 2x2 corner brick on the front 2 rows of the 3rd and 4th columns from the right so it looks like the braille letter j. Then repeat symmetrically to the back.

Step 28

Vertically place a light grey 1x4 brick on the right column of the 2 ppp so it is centered vertically.

Step 29

Place a light grey 1x1 brick with a clip in front of the ppp so the clip faces the right. Then repeat symmetrically to the back.

Step 30

Vertically place a light grey 1x2 inverted slope brick on the back row, to the left of the ppp so it slopes and overhangs to the front. Then repeat symmetrically to the front.

Step 31

Vertically place a light grey 2x6 plate on the 3rd and 4th columns from the right so it is centered vertically.

Step 32

Vertically place a black 1x4x2 fence on the 4th column from the right so it is centered vertically.

Step 33

Place a light grey 1x1 plate in front of the ppp. Then place a light grey 1x1 tile with a round side to the right of the ppp so the round side faces the right. Now repeat both parts symmetrically to the back.

Step 34

Place a dark blue 1x1x2 brick with 2 side studs on the front row, in front of the previous 1x4x2 fence so the side studs face the right. Then vertically place a dark blue 1x2 grill slope tile upright on the right-facing side studs of the ppp so it slopes up. Then repeat both parts symmetrically to the back.

Step 35

Vertically place a white 1x4 plate on the 4th column from the right so it sits on the fence and is centered vertically.

Step 36

Vertically place a sand blue 1x4x4 window frame on the 4th column from the left so it is centered vertically.

Step 37

Horizontally stack 2 light grey 1x2 bricks on the front row of the 3rd and 4th columns from the left. Then place a light grey 1x1 plate on the right column of the 2 ppp. Then place a light grey 1x1 tile with a round side to the left of the ppp so the round side faces the left. Now repeat everything symmetrically to the back.

Step 38

Vertically place a yellow 1x4 plate on the 4th column from the left so it sits on the window frame and is centered vertically. Now vertically place 2 black 1x2 plates with a bar, 1 in front of the other, on top of the ppp so together they are centered vertically and the bars face the left.

Step 39

Place a dark blue 1x1x2 brick with 2 side studs, on the front row in front of the 2 ppp so the side studs face the left. Then vertically place a dark blue 1x2 grill slope tile upright on the left-facing side studs of the ppp so it slopes up. Then repeat both parts symmetrically to the back.

Step 40

Vertically place a white 1x6 plate on the 4th column from the left so it is centered vertically.

You will have an extra transparent blue 1x2 tile. Save it for later!

Group 29 - Jail Cell

Step 41.1

Let's make a part! Horizontally place a black 4x12 plate in front of you. Then vertically place a transparent red 1x2 tile on the rightmost column so it is centered vertically. Then repeat symmetrically to the left using a transparent blue 1x2 tile from group 28. Now place a dark grey 2x2 round tile with a pinhole on top so it is centered horizontally and vertically.

Step 41.2

Horizontally place your part on top so it is centered horizontally and vertically.

Step 42

Vertically place a black 1x2 sloped curved tile on the front 2 rows of the 4th column from the left so it sits in front of a 1x2 tile and slopes to the front. Then repeat symmetrically to the back. Now repeat both parts symmetrically to the right.

Step 43.1

Let's make a part! Horizontally place a yellow 1x4 plate in front of you. Then horizontally place a dark grey 1x2 tile with an upright horizontal bar on top of the ppp so it is centered horizontally and slopes to the back.

Step 43.2

Place a white 2x2 round plate with a smooth underside, underneath the 2 leftmost columns so 1 row is exposed to the front. Then repeat symmetrically to the right.

Step 43.3

Place a black 4x4 tile with 3 sides of studs and 2 clips on the front row so it is centered horizontally, overhangs 3 rows to the front, and the clips face the front. Vertically place a dark grey 1x2 ingot tile on the back left corner. Then repeat symmetrically to the right.

Step 43.4

Vertically place a dark grey 1x2 ingot tile on the front left corner. Then place a light grey 1x1 tile printed with a keypad behind the ppp.

Step 43.5

Vertically place a dark grey 1x2 ingot tile on the front right corner. Then place a light grey 1x1 round plate with a bar behind the ppp so the bar faces the left.

Step 43.6

Horizontally attach the clips of your part to the 2 left-facing bars that are on the 4th column from the left so it hangs down and the studs face the left.

Step 44

Let's make 2 identical parts! Let's make the walls of the jail! Horizontally place a light grey 1x10 plate in front of you. Then horizontally place a light grey 1x4 brick on top so it is centered horizontally.

Step 45

Place a light grey 1x1 brick on the leftmost column. Now place 2 short tan 1x1 round bricks with a side stud, 1 to the right of the other, to the right of the ppp so the side studs face the front. Now repeat everything symmetrically to the right.

Step 46

Horizontally place a light grey 1x2 plate with a bar on the 2nd and 3rd columns from the left so the bar faces the back. Then repeat symmetrically to the right.

Step 47

Horizontally place a light grey 1x2x2 brick with 2x2 side studs on top so it is centered horizontally and the side studs face the back. Now place a dark tan 2x2 tile upright on the back-facing side studs of the ppp.

Step 48

Horizontally place a dark blue 1x2 plate on top so it is centered horizontally. Then horizontally place a dark blue 1x2 brick with a pinhole on top of the ppp. Then insert a red 1L pin with a stud into the front-facing pinhole so the stud faces the front.

Step 49

Horizontally place a black 1x4x3 window frame on the 4 leftmost columns so the ridged side faces the front. Now horizontally attach a black ladder with 4 rungs to the front of the window frame. These are prison bars! Then repeat both parts symmetrically to the right.

Group 30 - Jail Cell

Step 50.1

Let's make a part! Horizontally place a dark blue 1x10 plate in front of you.

Group 31 - Jail Cell

Step 50.2

Horizontally place a white 1x10 plate on top of the ppp. Then horizontally place 5 black 1x2 slope tiles, 1 to the right of the other, on top of the ppp so they slope to the front.

Step 50.3

Horizontally place your part on top of your previous part so it is centered horizontally and slopes to the front.

Step 51

Horizontally place a light grey 1x4 tile with 2 studs upright on the 2 leftmost front-facing side studs so it is centered horizontally on them. Then repeat symmetrically to the right.

Step 52

Now you should have 2 identical parts! Horizontally place 1 part on the front row so it is centered horizontally and slopes to the front. Then repeat symmetrically to the back.

Step 53

Place a short black 1x1 round brick with a side stud upright on the front-facing side stud that is centered horizontally in between the prison bars so the side stud faces the left. Then place a transparent 1x1 round tile upright on the left-facing side stud of the ppp. Now repeat both parts symmetrically to the back.

Step 54

Flip your build upside down so it is horizontal. Now insert a black wheel into the front left wheel holder. The pins should attach to 2 little clips. Then repeat symmetrically to the back. Now repeat both parts

symmetrically to the right. Now flip your train cart over again so it is upright, horizontal, and the upright 1x1 round tiles from the previous step face the left.

Step 55

Vertically attach a light grey pair of handcuffs to the front right-facing clip so it faces the back. Then repeat symmetrically to the back.

Building Instructions (Bag 9, Book 6):

Group 32 - Remote, Battery Pack, and Police Officer

Step 1.1

Horizontally place a light grey and white RC controller upside down in front of you so the anti-studs face up.

Step 1.2

Now use a screw driver to remove the screw that is either centered vertically on the leftmost column of anti-studs or the rightmost column.

Step 1.3

Insert 4 double-A batteries, then put the screw back in. Now put your remote away while we make the battery pack!

Step 2.1

Horizontally place a light grey 4x8x4 battery pack with a white top upside down in front of you so the anti-studs face up.

Step 2.2

Now use a screw driver to remove the 2 screws that are centered vertically on the leftmost and rightmost columns.

Step 2.3

Open up the battery pack and remove the battery holder. Now attach 6 double-A batteries to the battery holder, then place it back inside the battery case.

Step 2.4

Now horizontally put the bottom back on the case and use the screw driver to attach the screws back in place.

Step 3

Now you can press down on the rectangular button that is in the middle of the remote. Then do the same for the battery pack. This will pair the remote to the battery pack. Then you can use the buttons on the left and right side of the remote to speed up or slow down the train when the battery pack is installed into the train.

Sub-build 5. Locate 1 dark blue pair of legs, 1 dark blue torso printed with a neon yellow vest and a light blue badge, 1 yellow head printed with eyes, pink lips, and 1 light brown hair. Assemble your minifigure then put her away while we make the train!

Group 33 - Train Engine

Step 1

Horizontally place a dark grey 6x28 train base upside down in front of you. Then place a light blue 2x2 plate on top so it is centered horizontally and vertically.

Step 2

Flip the train base over so it is right side up and horizontal. Place a yellow 1x1 tile on the back left corner. Then horizontally place 2 yellow 1x6 plates, 1 to the right of the other, to the right of the ppp. Now repeat both parts symmetrically to the front.

Step 3

Horizontally place a black 1x8 plate on the 2nd row from the front of the 6th to 13th columns from the left so the rightmost column is aligned with the rightmost column of the previous 1x6 plates. Then repeat symmetrically to the back.

Step 4

Let's make a part! Vertically place a dark grey 2x3 plate in front of you.

Step 5

Place a light blue 2x2 plate on the front 2 rows so 1 column overhangs to the right. Now vertically place a dark grey 2x3 plate underneath the rightmost column so 1 column is exposed to the right and 1 row is exposed to the back.

Step 6

Horizontally place a black 1x6 plate with a fence with cutoff corners on the back row so it is centered horizontally and the fence is in the back.

Step 7

Vertically place a dark grey 1x2 plate with a rail on the leftmost column of the front 2 rows so the rail faces the left. Then repeat symmetrically to the right.

Step 8

Vertically place a black 2x6 tile on top so it is centered horizontally and overhangs 3 rows to the front.

Step 9

Place a yellow 1x1 tile on the back left corner. Then vertically place a black 1x8 plate to the right of the ppp so it overhangs 5 rows to the front. Now repeat both parts symmetrically to the right.

Step 10

Place a black 1x1 plate with a side stud hanging down on the 2nd column from the left of the back row so the side stud is in between the fence rails and faces the back. Then repeat symmetrically to the right.

Step 11

Place a transparent red 1x1 round tile upright on each of the back-facing side studs.

Step 12

Rotate your part 90 degrees counterclockwise so the upright 1x1 round tiles face the left. Now horizontally place your part on the 5 leftmost columns so it is centered vertically and overhangs 3 columns to the left.

Group 34 - Train Engine

Step 13

Vertically place a white 1x2 slope tile on the 18th column from the right so it sits to the left of the left 2x2 gap, centered vertically, and slopes to the right. Then place a red 2x2 sloped curved brick to the left of the ppp so the studs are on the left.

Step 14.1

Horizontally place a yellow 1x2 panel on the front row of the 8th and 9th columns from the right so the wall faces the back. Then repeat symmetrically to the back. Now vertically place a yellow 1x6 plate to the left of the 2 ppp so it is centered vertically.

Step 14.2

Horizontally place a yellow 1x2 plate on the front row to the left of the ppp. Then repeat symmetrically to the back. Now vertically place a yellow 1x6 plate to the left of the 2 ppp so it is centered vertically. Now horizontally place a yellow 1x2 panel on the front row to the left of the ppp so the wall faces the back. Then repeat symmetrically to the back.

Step 15

Place a yellow 1x1 tile on the front right corner. Then horizontally place a yellow 1x6 plate to the left of the ppp. Now repeat both parts symmetrically to the back.

Step 16

Let's make a part! Vertically place a dark grey 2x3 plate in front of you.

Step 17

Place a light blue 2x2 plate on the front 2 rows so 1 column overhangs to the right. Now vertically place a dark grey 2x3 plate underneath the rightmost column so 1 column is exposed to the right and 1 row is exposed to the back.

Step 18

Horizontally place a black 1x6 plate with a fence with cutoff corners on the back row so it is centered horizontally and the fence is in the back.

Step 19

Vertically place a dark grey 1x2 plate with a rail on the leftmost column of the front 2 rows so the rail faces the left. Then repeat symmetrically to the right.

Step 20

Place a yellow 1x1 tile on the back left corner. Then repeat symmetrically to the right. Now vertically place a black 4x6 plate in between the 2 ppp so it overhangs 3 rows to the front.

Step 21

Place a black 1x1 plate with a side stud hanging down on the 2nd column from the left of the back row so the side stud faces the back. Then repeat symmetrically to the right.

Step 22

Place a transparent 1x1 round tile upright on each of the back-facing side studs.

Step 23

Rotate your part 90 degrees clockwise so the upright 1x1 round tiles face the right. Now horizontally place your part on the 5 rightmost columns so it is centered vertically and overhangs 3 columns to the right.

Step 24

Vertically place a light grey 1x4 arch brick on the 7th column from the right so it is centered vertically. Then vertically place 3 more, 1 to the left of the other, to the left of the ppp, so together they are centered vertically.

Step 25

Vertically place a light brown 1x2 grill tile on the 5th column from the right so it is centered vertically. Then horizontally place the right column of a yellow 1x2 plate in front of the ppp. Then repeat symmetrically to the back.

Group 35 - Train Engine

Step 26

Horizontally place the 2 rightmost columns of a dark blue 1x6 plate behind the ppp. Then repeat symmetrically to the front.

Step 27

Place a dark blue 2x2 plate on the 3rd and 4th columns from the right so it is centered vertically. Then place a dark blue 2x2 angled tile in front of the ppp so the angled side faces the right and the short end faces the front. Then repeat symmetrically to the back.

Step 28

Horizontally place a tan 1x3 plate on the 2nd row from the front of the 4th to 6th columns from the right so the rightmost column sits on the tile. Then horizontally place the right column of a white 1x2 plate in front of the leftmost column of the ppp. Now repeat both parts symmetrically to the back.

Step 29

Place a white 1x1 plate with 2 upright side studs on the back row, to the right of the ppp so the side studs face the right. Then repeat symmetrically to the front.

Step 30

Horizontally place a white 2x3 plate on the front 2 rows of the 5th to 7th columns from the right so the front right corner of the plate sits on the ppp. Then repeat symmetrically to the back.

Step 31

Vertically place a white 1x2 plate upright on the front right-facing side studs. Then vertically place a white 1x2 slope tile upright on the ppp so it slopes to the front. Then repeat both parts symmetrically to the back.

Step 32.1

Let's make a part! Horizontally place a black 2x4 plate in front of you. Then horizontally place 2 light brown 1x3 jumper plates, 1 in front of the other, on the 3 leftmost columns. Now vertically place a brown 1x2 grill tile on the rightmost column. Then vertically place a light brown 1x2 tile with an upright horizontal bar on the leftmost column of studs so it slopes down to the right.

Step 32.2

Horizontally place your part on the 7th to 10th columns from the right so it is centered vertically on the arch bricks from step 24 and the grill tile is on the right.

Step 33

Place a dark grey 1x1 round tile with an upright bar in front of the rightmost column of the previous part. Then repeat symmetrically to the back.

Step 34

Horizontally place a sand blue 1x2 ridged brick to the right of the ppp so the vertical ridges face the front. Then repeat symmetrically to the back.

Step 35

Horizontally place the 2 rightmost columns of a white 1x3 brick on the back row so it sits behind the ppp. Then repeat symmetrically to the front.

Step 36

Vertically place a light grey 1x4 arch brick on the 4th column from the right so it is centered vertically.

Step 37

Place a red 1x1 plate with 2 side studs hanging down on the front row of the ppp so the side studs face the right. Then repeat symmetrically to the back.

Step 38

Place a white 1x1 plate with 2 upright side studs on top of the ppp so the side studs face the right. Then place a light green 1x1 plate to the left of the ppp. Now repeat both parts symmetrically to the front.

Step 39

Place a white 1x1 brick on the 3rd column of studs from the right of the front row. Then horizontally place a white 1x3 slope brick to the right of the ppp so it slopes to the right so the rightmost column sits on the upright parts.

Step 40

Vertically place a white 1x2x2 panel on the 3rd column from the right so it is centered vertically and the wall faces the right.

Group 36 - Train Engine

Step 41

Horizontally place a white 1x2 brick with 2 side studs on the 4th and 5th columns from the right of the 2nd row from the front so it sits on a 1x1 plate with 2 upright side studs and a 1x1 plate and the side studs face the back. Now horizontally place a light brown 1x2 grill tile upright on the back-facing side studs of the ppp. Now repeat both parts symmetrically to the back.

Step 42

Vertically place a white 1x2 brick with a pinhole on the 3rd column from the right so it is centered vertically. Then insert a light grey 1L pin with a stud into the right-facing pinhole of the ppp so the stud faces the right. Now place a transparent 1x1 round tile upright on the right-facing side stud of the ppp.

Step 43

Vertically place a white 1x4 tile on the 5th column from the right so it is centered vertically on the left column of the previous 1x2 bricks with side studs. Then place a white 2x2 corner tile to the right of the front 2 rows of the ppp so it looks like the braille letter f. Then repeat symmetrically to the back.

Step 44

Vertically place 2 white 1x2 slope tiles, 1 above the other, upright on the front column of right-facing side studs so they slope to the front. Then repeat symmetrically to the back.

Group 37 - Train Engine

Step 45.1

Let's make a part! Horizontally place a tan 1x4 brick with 4 side studs in front of you so the side studs face the front. Place a light grey 1x1 round tile printed with a speedometer on the leftmost front-facing side stud. Now horizontally place a light grey 1x2 tile printed with buttons and a speedometer upright to the right of the ppp. Then place a red 1x1 round plate with a bar upright to the right of the ppp so the bar faces up.

Step 45.2

Vertically place your part on the 6th column from the right so it is centered vertically, sits to the left of a 1x4 tile, and the upright parts face the left.

Step 46

Horizontally place a white 1x3 slope brick on the 4th to 6th columns from the right of the front row so it slopes to the right. Then place a white 1x1 brick to the left of the ppp.

Step 47

Horizontally place a white 1x4 tile on the 2nd row from the front of the 19th to 22th columns from the left so it is centered horizontally between the 1x2 panels that are on the front row. Then horizontally place a tan 1x2x3 panel to the right of the ppp so it sits behind the 1x2 panel and the wall faces the front. Now repeat both parts symmetrically to the back.

Step 48

Horizontally place a green 2x4 brick in between the 1x4 tiles from the previous step.

Step 49.1

Horizontally place 2 green 1x2x2 bricks with 2x2 side studs, 1 to the right of the other, on the front row of the ppp so the side studs face the front. Now horizontally place 2 dark grey 1x2 rounded plates, 1 to the right of the other, upright on the bottom row of front-facing side studs. Then horizontally place 2 light grey 1x2 tiles printed with buttons, 1 to the right of the other, upright on the top row of front-facing side studs.

Step 49.2

Now repeat the previous step symmetrically to the back.

Step 50

Horizontally place a tan 1x2x3 panel on the 2nd row from the front of the 17th and 18th columns from the left so it sits in front of a 1x2 panel and the wall faces the front. Then repeat symmetrically to the back.

Step 51

Horizontally place the 2 leftmost columns of a tan 4x8 plate on top of the 2 ppp so it is centered vertically. Now place a light blue 2x2 plate on the 2 leftmost columns of the ppp so it is centered vertically.

Step 52

Horizontally place a dark blue 1x4x3 window frame on the front row in front of the previous 4x8 plate so it is centered horizontally to it and the ridged side of the window faces the front. Now vertically attach a dark blue shutter to the left front-facing side of the window. Then repeat symmetrically to the right.

Step 53

Horizontally place a brown 1x2 plate with 2x2 side studs hanging down on the 2nd row from the front, to the left of the previous 1x4x3 window frame so the side studs face the front. Then repeat symmetrically to the right.

You will have an extra dark blue 2x4 angled plate. Save it for later!

Group 38 - Train Engine

Step 54.1

Let's make a part! Vertically place a black 2x4 plate in front of you. Then vertically place a white 2x4 triangle plate on the back right corner so the angled side faces the front left and the short end faces the front. Now vertically place a dark blue 2x4 triangle plate from group 37 on the front left corner so the angled side faces the back right and the short end faces the back.

Step 54.2

Vertically place your part upright on the 2 rightmost columns of front-facing side studs, to the right of the window shutters so it overhangs 2 rows to the bottom.

Step 55

Rotate your build 180 degrees. Now horizontally place a dark blue 1x4x3 window frame on the front row, in between the 1x2 panels so it is symmetrical to the previous 1x4x3 window frame. Now vertically attach a dark blue shutter to the left front-facing side of the window. Then repeat symmetrically to the right.

Step 56

Vertically place 2 dark blue 2x6 plates, 1 to the right of the other, on top of the 2 1x4x3 window frames so together they are centered vertically.

Step 57

Horizontally place a brown 1x2 plate with 2x2 side studs hanging down on the 2nd row from the front, to the right of the 2 ppp so the side studs face the front. Then repeat symmetrically to the left.

You will have an extra white 2x4 triangle plate. Save it for later!

Group 39 - Train Engine

Step 58.1

Let's make a part! Vertically place a black 2x4 plate in front of you. Then vertically place a white 2x4 triangle plate from group 38 on the back left corner so the angled side faces the front right and the short end faces the front. Now vertically place a dark blue 2x4 triangle plate on the front right corner so the angled side faces the back left and the short end faces the back.

Step 58.2

Vertically place your part upright on the 2 leftmost columns of front-facing side studs, to the right of the window shutters so it overhangs 2 rows to the bottom.

Building Instructions (Bag 10, Book 6):

Group 40 - Train Engine

Step 59

Horizontally place a dark grey 2x12 plate in front of you. Then horizontally place a blue 2x3 plate on the 3 rightmost columns.

Step 60

Vertically place 2 tan 2x4 plates with inverted sloped sides, 1 to the left of the other, to the left of the ppp so together they are centered vertically.

Step 61

Horizontally place a black 2x4 tile on top of the 2 ppp so it is centered vertically.

Step 62

Horizontally place a light blue 1x6 plate on the front left corner so 1 column overhangs to the left. Then repeat symmetrically to the back.

Step 63

Vertically place a black 3x6 train wheel holder on the 3 rightmost columns so it is centered vertically. Then vertically place another 1 on the 4th to 6th columns from the left so it is centered vertically.

Step 64

Place a red 1x1 plate with a clip on the front row of the 3rd column from the left so the clip faces the front. Then repeat symmetrically to the back.

Step 65

Horizontally place a light grey 1x2 plate with 2x2 side studs on the front left corner so the side studs face the front. Then repeat symmetrically to the back.

Step 66

Vertically place a green 1x2 ingot tile on the rightmost column so it is centered vertically. Then horizontally place a light grey 2x12 plate to the left of the ppp.

Step 67

Vertically place a light blue 1x2 half cylinder brick on the 2nd column from the right so it is centered vertically. Then vertically place another 1 on the 5th column from the left so it is centered vertically.

Step 68

Vertically place a lime green 1x4 tile with 2 studs on the 4th column from the right so it is centered vertically. Then vertically place another 1 on the 7th column from the right so it is centered vertically.

Step 69.1

Let's make 2 identical parts! Horizontally place a white 1x2 plate with 2x4 side studs hanging down in front of you so the side studs face the front. Then place 2 black 2x2 tiles with a stud, 1 to the right of the other upright on the front-facing side studs. Now horizontally place a black telephone upright on the 2 front-facing side studs.

Step 69.2

Now you should have 2 identical parts! Horizontally place 1 part on the front row in between the train wheel holders. Then repeat symmetrically to the back.

Step 70.1

Let's make 2 identical parts! Vertically place a dark grey 1x2 plate in front of you. Then vertically place a dark grey 1x2 rounded brick on top. Now vertically place a dark grey 1x1 round tile on the front row of the ppp.

Step 70.2

Now you should have 2 identical parts! Vertically attach 1 part to the front-facing clip that is on the 3rd column from the left so it overhangs to the front and the 1x1 round tile is in the front. Then repeat symmetrically to the back.

Step 71

Place the left column of a tan 2x2 corner tile behind the 1x1 round tile that is on the front row of the 3rd column from the left so it looks like the braille letter f. Then repeat symmetrically to the back.

Step 72

Place a light brown 2x2 plate upright on the 2 leftmost columns of front-facing side studs. Then horizontally place 2 dark grey 1x2 panels with 3 walls, 1 above the other, upright on the front-facing side studs of the ppp so the long walls face down. Then repeat everything symmetrically to the back.

Step 73

Flip your build upside down so it is horizontal and the previous pieces are on the left. Now attach a black wheel to the top-facing clips that are in the front right corner. Then repeat symmetrically to the back. Now attach another 1 to the top-facing clips that are on the front row of the 4th to 6th columns from the left. Then repeat symmetrically to the back.

Step 74

Flip your build over so it is horizontal and the front-facing panels with 3 walls are on the left. Vertically place a black 2x3 tile with a magnetic train bumper on the 2 leftmost columns so the bumper overhangs to the left and it is centered vertically.

Step 75

Horizontally place a yellow 4x6 tile with a top-facing pin on the 3rd to 8th columns from the right so it is centered vertically.

Step 76

Flip your main build upside down so it is horizontal and the empty side of the train is on the right. Now horizontally place your part upside down on the left side so it is centered vertically and the bumper faces the left and is aligned with the leftmost fence of the main build. Make sure the pin of your part attaches to the pinhole that is centered vertically on the 2nd column from the right of the left set of 5x7 anti-studs.

Group 41 - Train Engine

Step 77.1

Let's make a part! Vertically place a dark grey 6x8 plate with inverted slope sides in front of you so it slopes to the front and back. Now horizontally place a dark grey 1x4 brick with a gap on the front row so the gap faces the front. Then horizontally place a black 1x4x2 panel behind the ppp so the wall faces the front. Then repeat both parts symmetrically to the back.

Step 77.2

Vertically place your part to the right of the previous part so it is centered vertically in between the 5 columns of anti-studs.

Step 78

Let's make a part! Place a light brown 2x2 plate in front of you.

Step 79

Vertically place a blue 2x3 plate on top so 1 row overhangs to the front.

Step 80

Horizontally place a dark grey 1x6 plate underneath the front row so it is centered horizontally.

Step 81

Horizontally place a green 1x2 ingot tile on the front row so it is centered horizontally. Then vertically place a light grey 1x2 plate with 2x2 side studs behind the left column of the ppp so the side studs face the left. Then repeat symmetrically to the right.

Step 82

Vertically place a blue 2x3 plate on top so it is centered horizontally and vertically.

Step 83

Place a light brown 2x2 plate upright on the left-facing side studs. Then horizontally place 2 dark grey 1x2 panels with 3 walls, 1 above the other, upright on the left-facing side studs of the ppp so the long walls face down. Then repeat everything symmetrically to the right.

Step 84

Horizontally place a dark grey 1x2 rounded brick on the front left corner. Then place a dark grey 1x1 round tile on the left column of the ppp. Then repeat both parts symmetrically to the right.

Step 85

Horizontally place a black 2x3 tile with a magnetic train bumper on the back 2 rows so it is centered horizontally and the bumper overhangs to the back.

Step 86

Place a tan 2x2 corner tile on the 2nd and 3rd columns from the left of the front row so 1 row overhangs to the front and it looks like the braille letter d. Then repeat symmetrically to the right.

Step 87

Rotate your part 90 degrees counterclockwise so the bumper faces the left. Now horizontally place a black 4x10 brick with a 4x6 tile and a top-facing pin and a wire underneath the rightmost column so it is centered vertically and the wire faces the right.

Step 88

Insert a black 6L axle into the rightmost front-facing axle of the ppp so it is centered vertically. Then repeat symmetrically to the left.

Step 89

Attach a black wheel to the rightmost front-facing axle so the smaller wheel part faces the front. Then repeat symmetrically to the left. Now repeat both parts symmetrically to the back.

Step 90

Horizontally place a black 2x10 train side skirt on the front row of the 10 rightmost columns so it overhangs to the front and the studs are in the front. Then repeat symmetrically to the back.

Step 91.1

Bring back your main build and make sure it is upside down in front of you and the empty side is on the right. Now rotate your part 180 degrees so the bumper faces the right. Then horizontally place it upside down on the right side of the main build so it is centered vertically, the bumper aligns with the rightmost fence of the train. Make sure the pin of your part attaches to the middle pinhole of the 2nd column from the left of the right set of anti-studs.

Step 91.2

Now thread the wire through the 2x2 gap that is in the train so it goes out the other side.

You will have 2 extra dark blue 2x4 triangle plates. Save them for later!

Group 42 - Train Engine

Step 92.1

Now flip your build over so it is right side up, horizontal, and the wire is on the right. Make sure the built side of the train engine is on the left.

Step 92.2

Let's make a part! Vertically place a yellow 2x4 plate in front of you. Then vertically place a dark blue 2x4 triangle plate from group 40 on the back left corner so the angled side faces the front right and the short end faces the front. Then vertically place a light grey 2x4 triangle tile on the front right corner so the angled side faces the back left and the short end faces the back.

Step 92.3

Vertically place your part upright on the 2 rightmost columns of front-facing side studs that are on the 17th and 18th columns from the right so it overhangs 2 rows to the bottom.

Step 92.4

Let's make a part! Vertically place a yellow 2x4 plate in front of you. Then vertically place a dark blue 2x4 triangle plate from group 40 on the back right corner so the angled side faces the front left and the short end faces the front. Then vertically place a light grey 2x4 triangle tile on the front left corner so the angled side faces the back right and the short end faces the back.

Step 92.5

Vertically place your part upright 2 rightmost columns of back-facing side studs that are on the 17th and 18th columns from the right so it overhangs 2 rows to the bottom.

Step 93

Horizontally place a light grey 2x3 stair plate on the 23rd and 24th columns from the right so that is centered vertically in between the 2 leftmost columns of front-facing and back-facing side studs and the tall side of the stair plate overhangs to the left.

Step 94

Place a white 2x2 tile with 2 studs in front of the 2 rightmost columns of the ppp so the studs are in the front. Then repeat symmetrically to the back.

Step 95

Horizontally place the leftmost column of 2 green 1x6 bricks, 1 in front of the other, in between the rightmost column of the 2 ppp so together they are centered vertically. Then vertically place an orange 1x2 brick to the right of the 2 ppp.

Step 96

Horizontally place a light grey 1x4x3 panel on the 2nd row from the front of the 13th to 16th columns from the right so the wall faces the front. It should sit to the right of the tall side of the build. Then repeat symmetrically to the back.

Step 97

Horizontally place a black 1x2 plate with a bar on the 2 leftmost columns of the ppp so the bar faces the back. Then horizontally place a green 1x2 ingot tile to the right of the ppp. Now repeat both parts symmetrically to the front.

Step 98

Horizontally place the 2 rightmost columns of a dark blue 1x8 plate on the previous 1x2 plate with a bar that is on the 2nd row from the front. Then horizontally place a dark blue 1x6 tile in front of the 6 leftmost columns of the ppp. Now repeat both parts symmetrically to the back.

Step 99

Horizontally place a white 1x2 brick with 2 side studs on the 2nd row from the back so it sits to the left of the 2 ppp and the side studs face the back. Then repeat symmetrically to the front.

Step 100

Horizontally place the 2 leftmost columns of 2 red 1x8 tiles, 1 in front of the other, in between the 2 ppp so together they are centered vertically.

Group 43 - Train Engine

Step 101

Horizontally place 2 dark blue 1x2 bricks with 2 side studs, 1 to the right of the other, on the 2nd row from the front, to the right of the previous 1x2 brick with 2 side studs so the side studs face the front. Then horizontally place a dark blue 1x4 brick printed with a dark grey badge to the right of the ppp so the print faces the front. Now repeat everything symmetrically to the back.

Step 102

Horizontally place a black 1x2 slope tile upright on the 2 rightmost columns of back-facing side studs of the ppp so it slopes to the right. Then horizontally place a black 1x4 ridged tile upright to the left of the ppp. Now repeat both parts symmetrically to the front.

Step 103.1

Let's make a part! Horizontally place a white 4x10 plate in front of you. Then horizontally place a black 1x4 ridged brick on the back left corner. Then repeat symmetrically to the front.

Step 103.2

Place 2 light grey 1x1 clips, 1 in front of the other, on the 3rd column from the left so the clip hands face the front and back. Now horizontally attach 2 black telescope bars to the 2 top-facing clips so the anti-studs face the left.

Step 103.3

Horizontally place your part on top of the previous 1x4 bricks and 1x2 bricks with side studs so it is centered vertically. It should sit to the left of 2 1x2 ingot tiles.

Step 104

Horizontally place a white 1x3x4 door on the front row, to the left of the previous part so the stud is on the right and it opens to the front. Then repeat symmetrically to the back.

Step 105

Vertically place a white 3x6 C-shaped plate on top of the ppp so the gap faces the left.

Step 106

Horizontally place a white 1x3 tile on the front row of the ppp. Then repeat symmetrically to the back. Now place the left column of a dark grey 2x2 sloped curved tile in between the rightmost column of the 2 ppp so it is centered vertically and slopes to the left.

Step 107.1

Let's make a part! Horizontally place a white 2x6 windshield with 2 studs in front of you so it slopes to the back. Now attach a transparent 2x6 windshield glass pane to the front-facing side of the ppp so it slopes to the back.

Step 107.2

Now vertically place your part to the left of the 1x3 tiles from the previous step so it is centered vertically and slopes to the left.

Step 108

Let's make a part! Place a light grey 4x4 plate upside down in front of you.

Step 109

Vertically place a tan 1x3 plate on the back left corner. Then repeat symmetrically to the right. Now flip it over so it is right side up and the 1x3 plates are in the back left and back right.

Step 110

Horizontally place 2 black 1x2 plates with 2 upright side studs, 1 to the right of the other, underneath the front row so the side studs face the front.

Step 111

Vertically place a black 2x4 tile on top so it is centered horizontally and vertically.

Step 112

Vertically place a black 2x4 slope tile on the leftmost column so it slopes and overhangs to the left. Then repeat symmetrically to the right.

Step 113

Horizontally place a black 1x4 plate upright on the front-facing side studs. Then horizontally place a black 1x2 slope tile on the 2 leftmost front-facing side studs so it slopes to the left. Then repeat symmetrically to the right. Now place a short black 1x1 round brick with a side stud upright in between the 2 ppp so the side stud faces up.

Step 114

Horizontally place a white boomerang on top of the top-facing stud of the ppp so the ends face the back left and back right.

Step 115

Rotate your part 90 degrees clockwise so the boomerang is on the left. Now vertically place the leftmost column of your part on the studs of the windshield so it is centered vertically. It should sit to the left of the 1x4 ridged tiles.

Building Instructions (Bag 11, Book 6):

Group 44 - Train Engine

Step 116

Horizontally place 2 black 2x6 tiles, 1 in front of the other, to the right of the 1x4 ridged tiles that are to the right of the previous part so together they are centered vertically.

Step 117

Horizontally place a tan 1x6 tile on the 2nd row from the front of the 7th to 12th columns from the right. Then repeat symmetrically to the back.

Step 118

Place a light grey 4x4 round plate to the right of the ppp so it is centered vertically.

Step 119

Horizontally place a black 1x6 plate with a fence with cutoff corners in front of the 2 leftmost columns of the ppp so it sits to the left of the 1x1 tile and the fence faces the front. Then horizontally place another 1 to the left of the ppp so the fence faces the front. Now repeat both parts symmetrically to the back.

Step 120

Bring back your 4x8 battery pack and horizontally place it in front of you so the button is on the right. Now locate the wire of the train and attach it to the left-facing opening of the battery pack. Then horizontally place your part on the 5th to 12th columns from the right so it is centered vertically.

Step 121

Place a light blue 2x2 plate on the 2 leftmost columns of the ppp so it is centered vertically. Then vertically place a transparent 1x2 plate on the rightmost column of the 4x8 battery pack so it is centered vertically.

Step 122

Vertically place an orange 1x2x2 brick to the right of the ppp so it is centered vertically.

Step 123

Stack the left column of 2 light grey 2x2 corner bricks with a cutoff corner in front of the ppp so the cutoff corners face the front right. Then repeat symmetrically to the back.

Step 124

Let's make a part! Place a light grey 2x2 plate with a cutoff corner in front of you so the cutoff corner faces the front right. Then vertically place a light grey 1x2 tile with a cutoff corner on the right column so the cutoff corner is in the front and faces the front right.

Step 125

Place a light grey 2x2 tile with 2 upright side studs on the left column so it overhangs 1 column to the left and the side studs face the front.

Step 126

Place a light grey 2x2 plate with a cutoff corner underneath the left column so 1 column is exposed to the left and the cutoff corner faces the front left.

Step 127

Vertically place a light grey 1x2 tile with a cutoff corner on the leftmost column so the cutoff corner is in the front and faces the front left.

Step 128.1

Let's make a part! Place 2 dark blue 2x2 plates with 2 side studs, 1 to the right of the other, in front of you so the side studs face the front. Then horizontally place a dark blue 1x4 plate on the back row.

Step 128.2

Horizontally place your part upright on the back-facing anti-studs so it is centered horizontally and the side studs face up.

Step 129

Lay your part on its back-facing side, then rotate it 180 degrees so the anti-studs face the back. Now horizontally place a dark blue 1x1 plate with a 1x1 slope tile on the front left corner so it slopes to the left. Then repeat symmetrically to the right.

Step 130

Place a light blue 2x2 plate on the front 2 rows so it is centered horizontally.

Step 131

Horizontally place a dark blue 1x1 tile with a 1x1 slope tile on the 2 leftmost columns of the 2nd row from the front so it slopes to the left. Then repeat symmetrically to the right.

Step 132

Horizontally place a dark blue 1x2 jumper plate on the front row. Then place a transparent red 1x1 round tile on top of the jumper.

Group 45 - Train Engine

Step 133

Orient your part so it is right side up and the previous 1x1 round tile faces the front. Now place a white 2x2 plate with a cutoff corner on the 2 leftmost columns so the cutoff corner faces the front left. Then repeat symmetrically to the right.

Step 134

Horizontally place a black 1x2 tile with a cutoff corner on the front left corner so the cutoff corner faces the front left. Then repeat symmetrically to the right.

Step 135

Vertically place your part on the 3rd and 4th columns from the right of the main build so it is centered vertically and the upright 1x1 round tile faces the right.

Step 136

Horizontally place a transparent 1x2 sloped curved tile on the 2nd row from the front of the previous part so it slopes to the left. Then repeat symmetrically to the back.

Step 137

Horizontally place a black 1x2 plate with 2x6 side studs hanging down on the 2nd row from the front so it sits on the front left corner of the 4x8 battery pack and the side studs face the front. Then repeat symmetrically to the back.

Step 138

Horizontally place an orange 1x2 plate to the right of the ppp. Then repeat symmetrically to the front.

Step 139

Horizontally place 2 black 1x2 plates with 2x2 side studs hanging down, 1 to the right of the other, to the right of the ppp so the side studs face the front. Then repeat symmetrically to the back.

Step 140

Vertically place 10 dark blue 1x2 grill slope tiles upright on the 10 rightmost columns of front-facing side studs so they slope down. Then repeat symmetrically to the back.

Step 141

Horizontally place a white 2x10 plate on the front 2 rows so it sits on top of the 10 ppp. Then repeat symmetrically to the front.

Step 142

Horizontally place a black 1x1 slope tile on the front left corner and front right corner of the ppp so they slope to the front. Then horizontally place the left column of a black 1x2 ingot tile behind the right 1x1 slope tile. Now repeat everything symmetrically to the back.

Step 143

Vertically place a black 1x4 ridged tile in between the 2 leftmost 1x1 slope tiles from the previous step so it is centered vertically.

Step 144

Horizontally place 2 black 2x4 double slope tiles, 1 to the right of the other, on the front 2 rows, to the right of the ppp. Then repeat symmetrically to the back.

You will have an extra red 1x2 plate with an upright bar. Save it for later!

Group 46 - Train Engine

Step 145.1

Let's make a part! Horizontally place a dark grey 2x8 plate in front of you. Then vertically place a light grey 1x2 plate with an upright bar on the leftmost column so the bar faces the right. Then vertically place a light grey 1x2 rounded plate on the 3rd column from the left. Now vertically place a light grey 1x2 plate with an upright bar to the right of the ppp so the bar is on the right.

Step 145.2

Vertically place a red 1x2 plate with an upright bar on the 2nd column from the right so the bar faces the right. Then vertically place a light grey 1x2 rounded plate to the left of the ppp.

Step 145.3

Place 3 wheels, 1 on top of each of the top-facing bars so they go all the way down and the ridged sides face up. Then place a red 2x2 round plate with a smooth underside underneath the 2 rightmost columns.

Step 145.4

Horizontally place your part in between the 4 previous 2x4 double slope tiles so it is centered vertically. Now you can press down on the rightmost wheel of the previous part to turn on the battery pack.

Building Instructions (Bag 12, Book 6):

Group 47 - Prisoner

Sub-build 6. Locate 1 orange pair of legs, 1 orange torso printed with a pocket, 1 yellow head printed with eyes, a grin, and brown sideburns, and 1 brown hair. Assemble your minifigure then put him away while we make the train tracks!

Group 48 - Train Tracks

Step 1

Horizontally place a dark grey straight train track in front of you.

Step 2

Horizontally place a brown 1x8 plate on the 2nd row of studs from the front so it is centered horizontally. Then repeat symmetrically to the back.

Step 3

Place a light grey 4x4 tile on the 4 rightmost columns of the 2 ppp so it is centered vertically.

Step 4

Repeat the previous step symmetrically to the left.

Step 5.1

Let's make 2 identical parts! Horizontally place a lime green 2x8 plate in front of you.

Group 49 - Train Tracks

Step 5.2

Horizontally place 2 dark tan 2x8 plates, 1 to the right of the other, on the back row so together they are centered horizontally and overhang to the back.

Step 5.3

Now you should have 2 identical parts! Horizontally place 1 part on the front row so it is centered horizontally and overhang 2 rows to the front. Then repeat symmetrically to the back.

Step 6

Place a dark tan 4x4 quarter circle plate underneath the front row of the 4 leftmost columns so 3 rows are exposed to the front and the curve faces the front left. Then repeat symmetrically to the right. Now repeat both parts symmetrically to the back.

Step 7

Horizontally place 2 light grey 2x4 tiles, 1 to the right of the other, on the 4th and 5th rows from the front so together they sit in the front of the front rail of the train track and are centered horizontally. Then repeat symmetrically to the back.

Step 8

Horizontally place a light grey 6x8 slope tile behind the 2 ppp so it is centered horizontally and slopes to the back. Then repeat symmetrically to the front.

Step 9

Vertically place a dark tan 1x3 jumper plate on the front 3 rows to the left of the ppp. Then repeat symmetrically to the right. Now repeat both parts symmetrically to the back.

Step 10

Horizontally place a sand green 1x2 rounded plate to the left of the front row of the 1x3 jumper plate that is in the back left corner. Then repeat symmetrically to the right. Now repeat both parts symmetrically to the front.

Step 11

Vertically place a dark grey 1x2 sloped curved brick on the 1x3 jumper plate that is in the back left corner so it slopes to the left. Then place a light grey 2x2 round tile with a stud to the left of the ppp so the back row of it sits on the 1x2 rounded plate.

Step 12

Place a dark red scorpion on top of the ppp so the tail faces the back left.

Step 13

Place a dark green 1x1 round plate with 3 leaves on the front stud of the 4th column from the left so the leaves face the front left. Then place 1 on the back stud of the 4th column from the right so the leaves face the back right.

Step 14

Vertically place a dark grey 1x2 sloped curved brick on the front 2 studs of the 4th column from the right so it slopes to the right.

Step 15.1

Let's make a part! Place a brown 2x2 tile with 2 upright side studs in front of you so the side studs face the front. Now horizontally place a sand green 1x2 rounded plate upright on the front-facing side studs. Then vertically place a white 2x3 tile printed with a wanted poster of a guy with long hair upright on the front-facing side studs so 2 rows overhang to the top.

Step 15.2

Place your part on the 2nd and 3rd rows from the front of the 2nd and 3rd columns from the right so the upright tile faces the front.

Step 16.1

Let's make 2 identical parts! Horizontally place a dark grey 1x2 tile with 2 pinholes in front of you. Then insert a light grey 2L pin into the bottom front-facing pinhole. Now insert a black 3L pin axle into the top front-facing pinhole so the 2L axle faces the front.

Step 16.2

Horizontally attach a dark grey 1x2 tile with 2 pinholes to the front-facing pin and axle. Then horizontally attach a black axle connector with 2 bar holders to the front-facing axle so the bar holders face left and right.

Step 16.3

Now you should have 2 identical parts! Place 1 part on the 2nd and 3rd rows from the front of the 2nd and 3rd columns from the left so the axle connector with 2 bar holders is in the front. Then place your other part on the 2nd and 3rd rows from the back of the 2nd and 3rd columns from the right so the axle connector with 2 bar holders faces the back.

You will have 6 extra white candle sticks. Save them for later!

Group 50 - Train Tracks

Step 17.1

Let's make 2 identical parts! Horizontally place a white candle stick from group 49 in front of you so the bar faces the right. Now attach a red candle stick to the right-facing bar. Now alternate this same pattern 2 more times so you have a stack of 6 candle sticks.

Step 17.2

Now you should have 2 identical parts! Now horizontally attach the bar of 1 part to the right-facing bar hole of the axle connector with 2 bar holders that is in the front left corner. Then repeat symmetrically to the back right corner so the candle sticks face the left. These are the safety bars so you don't get hit by the train when it is coming!

Step 18

Horizontally attach a dark grey straight train track to the left end of the previous train track. Then repeat again to the left of the ppp.

Step 19

Attach a dark grey curved train track to the left-facing side of the train tracks so it curves to the back. Then repeat 3 more times to the left of the ppp so they all curve to the back. Now repeat everything symmetrically to the right.

Step 20.1

Attach 4 dark grey curved train tracks to the leftmost back-facing side of the train tracks so they curve to the back right. Then horizontally attach a dark grey straight train track with tile topside to the ppp. Then horizontally attach 2 dark grey straight train tracks, 1 to the right of the other, to the right-facing side of the ppp.

Step 20.2

Attach 4 dark grey curved train tracks to the right-facing side of the ppp so they curve to the front and attach to the train tracks in the front right corner.

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