

76449 Chomping Monster Book of Monsters

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Put the magic of Hogwarts™ lessons in the hands of your young wizard, witch or Muggle™ with the LEGO® Harry Potter™ Chomping Monster Book of Monsters building toy (76449). The fun fantasy set features a detailed brick-built recreation of The Monster Book of Monsters, the sentient textbook used in the care of magical creatures. The model has hidden wheels and a pull-back function – so place it on a flat surface, pull back, let it go and watch it speed away with its mouth chomping.

A wizard holiday gift or birthday present for boys, girls and any Harry Potter fans aged 9 and up, this kids' building toy also includes a Neville Longbottom™ LEGO minifigure with a The Monster Book of Monsters accessory element. The buildable toy book and minifigure can be used with other LEGO Harry Potter collectible sets (sold separately) to give kids extra spellbinding play possibilities.

Wizard toy book – Create a brick-built Chomping Monster Book of Monsters with this fun LEGO Harry Potter fantasy set for kids aged 9 and up.

Pull-back action – The book has hidden wheels and a pull-back function, so simply place it on a flat surface, pull back, let go and watch it speed away with its mouth chomping as it goes.

Authentic details – This set offers a fun building challenge for kids to recreate the furry details on the book cover in LEGO style, plus its eyes, teeth and fangs.

Harry Potter character – Display the buildable book with the Neville Longbottom™ LEGO minifigure holding The Monster Book of Monsters accessory element.

Build, display and play –The buildable monster book in this 518-piece LEGO set measures over 6.5 in. (16 cm) long, 5.5 in. (15 cm) wide and 2.5 in. (6 cm) deep.

The front of the box shows the completed Chomping Monster Book of Monsters model and an exclusive Neville Longbottom minifigure. There is also an image of the Chomping Monster Book of Monsters with arrows pointing backwards and forwards with the words “Pull Back” to indicate that the model is capable of forward movement with the action of a pull-back motor. In the bottom right hand corner there is a photo of Harry, Hermione, and Ron from the Harry Potter movies.

The build is 518 pieces in total spread across 4 bags and 146 steps and is aimed at builders ages 9+. 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: going from front to behind.
- Horizontally: going from left to right.
- Upright: pointing up towards the ceiling.
- That one/ppp: previously placed piece.
- Plate: piece with studs.
- Tile: smooth piece without studs (unless otherwise specified)
- 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 the piece
- Centered-horizontally: even amount of space left and right of the 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).
- 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.
- Anti-stud: the portion of a piece which accepts studs, like the bottom of a plate.
- Jumper plate: a 1x2 plate with a single stud on top, or a 1x3 plate with only two studs on top.

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.

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, ells 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 who may want to follow along with the printed visual instructions that come with each set, PDF versions are always online at: [<https://www.lego.com/en-us/service/building-instructions/76449>]. 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 sighted friend or family member do this in advance following the instructions below. You will see that the pieces should be sorted into groups according to the building steps in the set. Doing this in advance makes locating the pieces 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 collected into 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.

Bag 1 (5 groups of bricks)

Group 1 – Neville Longbottom minifigure; and steps 1-8

Group 2 – steps 9-18 (Connect the two light blue 1x2 plates with 2x2 upright side studs from step 11 to the light blue 1x4 plate from step 14)

Group 3 – steps 19-25

Group 4 – steps 26-28

Group 5 – steps 29-41

Bag 2 (5 groups of bricks)

Group 6 – steps 42-50

Group 7 – steps 51-53 (only the red plate from step 53, the blue plate will go in group 8)

Group 8 – steps 53-62 (the blue plate from step 53)

Group 9 – steps 63-70

Group 10 – steps 71-81

Bag 3 (4 groups of bricks)

Group 11 – steps 82-87

Group 12 – steps 88-94 (You may wish to add braille labels to the tiles that display text)

Group 13 – steps 95-104 (Connect the dark brown claw piece to the dark brown 1x6 plate)

Group 14 – steps 105-109 (Connect 4 dark brown claw pieces to one of the reddish brown 1x8 plates with a rail on the long side)

Bag 4 (5 groups of bricks)

Group 15 – steps 110-118

Group 16 – steps 119-125

Group 17 – steps 126-131

Group 18 – steps 132-140

Group 19 – steps 141-145

Building Instructions:

Bag 1 Group 1

Let's begin by building the Neville Longbottom minifigure! Find the black short minifigure legs, the Gryffindor minifigure torso, light flesh minifigure head, and dark brown short, tousled hair with side parting. Assemble the figure by first connecting the legs to the torso, making sure that the feet and the arms face forward, then sliding the head on to the neck. The head is double-sided – on one side, Neville is relaxed and smiling, while the other side shows him frightened and alarmed with his mouth open and his eyebrows raised. Orient the head with the expression you want facing forward – you may wish to ask for assistance with this. Place the hair on Neville's head so that the jagged bangs are in front with the longer hair covering the back of the head.

Now let's snap together the miniature Monster Book of Monsters for Neville to hold. Find the brown bottom cover of the book. This piece is like a 1x2 plate with two studs that extends with a lip on one long edge, and with a lip with two protruding hinge knobs on the other long edge. Place this piece horizontally with the two hinge knobs in front. Place the tan 1x2 tile with rail onto the two studs of the ppp to make the pages of the book. Find the brown top cover of the book which is like a 1x2 plate that extends with jagged fangs along both short edges and one long edge. The remaining long edge extends as a rounded-over lip with two cut-outs to fit the hinge knobs of the back cover. There is an image of the monster's four eyes and two nostrils in the recess on the top of the top cover, which is slightly concave. With the top of the front cover facing forward, line up the cut-outs of the front cover with the hinge knobs of the back cover and push down until the front cover clicks onto the hinge. The book should open and close easily on the hinge like a chomping monster. Orient the book so that it is chomping towards Neville and snap the protruding lip of the monster's bottom jaw into Neville's left hand.

Now let's build the full-sized Monster Book of Monsters, starting with the frame of the bottom of the book. Because the book being built is also the chomping mouth of a monster, the front cover will sometimes be referred to as the 'top' cover and the back of the book will be referred to as the 'bottom' when this helps with clarity. Also, please note that for these instructions the columns are counted from left to right and the rows are counted from front to back when not otherwise specified.

Start Building

Step 1

Place a grey 1x14 brick with holes horizontally on the table.

Step 2

Find two yellow 1x2 plates with 1x2 upright side studs. Orient one plate vertically with the side studs facing left. Connect the left-most anti-stud of the 1x14 brick onto the back stud of the plate. Symmetrically, connect the right-most anti-stud of the 1x14 brick onto the back stud of the second plate with its side studs facing right.

Step 3

Find two more grey 1x14 bricks with holes. Connect one vertically onto the front stud of the right previously placed plate and one vertically onto the front stud of the left plate so that you have 3 sides of a rectangle.

Step 4

Find two more yellow 1x2 plates with 1x2 upright side studs. Connect the front anti-stud of the left previously placed vertical 1x14 brick onto the back stud of one plate, with the side studs facing left. Symmetrically, connect the front anti-stud of the 1x14 brick onto the back stud of the other plate, with the side studs facing right.

Step 5

Find the final grey 1x14 brick with holes and connect it horizontally onto the exposed studs of the plates on the left and right to form a rectangular frame.

Step 6

Find two white half pins with studs. Insert one half pin from the back into the 2nd pin hole from the right of the ppp so that the stud of the half pin is inside the frame. Symmetrically, insert the other half pin from

the front into the 2nd pin hole from the right of the back 1x14 brick so that the stud of the half pin is inside the frame.

Step 7

Find four reddish brown 1x2 plates with 1x4 downward-hanging side studs. Orient a plate vertically with the side studs facing left and connect the 1x2 plate onto the back two studs of the left column of the frame so that one side stud protrudes behind the frame. Place the next 1x2 plate vertically on the front two studs of the left column with the side studs facing left and one side stud protruding in front of the frame. Repeat symmetrically with the last two plates on the right column of the frame with the side studs facing right.

Step 8

Find four black 2L Technic pins and two grey 2L lift-arms. Let's make two identical parts. Insert two pins into the same side of one of the lift-arms and two pins into the same side of the other lift-arm. Push the two pins of one of these assemblies from the back into the 3rd and 4th pin holes from the right of the front row of the frame. Push the two pins of the other assembly from the front into the 3rd and 4th pin holes from the right of the back row of the frame. Each 2L lift-arm should be to the immediate left of a half pin with stud placed earlier.

Group 2

Note that this group contains two light blue 1x2 plates with 2x2 upright side studs and a blue 1x4 plate as well as these same pieces in red. The sorting instructions requested that the three blue pieces be connected for identification. Find the assembly of the three blue pieces and place it to the right of your build for steps 11 and 14.

Step 9

Find four white 1x2 plates with 2x4 downward-hanging side studs. Connect the first 1x2 plate from above onto the 2nd and 3rd studs from the left of the front row of the frame with the side studs facing forward. Connect the other plates symmetrically: one with the 1x2 plate onto the 12th and 13th studs from the left of the front row of the frame with the side studs facing forward; one with the 1x2 plate onto the 2nd and 3rd studs from the left of the back row of the frame with the side studs facing backward; and the last one with the 1x2 plate onto the 12th and 13th studs from the left of the back row of the frame with the side studs facing backward.

Step 10

Find two more white 1x2 plates with 2x4 downward-hanging side studs. Orient these vertically. Connect one 1x2 plate onto the middle two studs (8th and 9th studs from the front) of the left column of the frame, with the side studs facing left. Connect the other plate symmetrically onto the middle two studs of the right column of the frame, with the side studs facing right.

Step 11.1

Find two red 1x2 plates with 2x2 upright side studs. Connect one plate from below to the anti-studs under the 5th and 6th studs from the front of the left column of the frame, with the side studs facing left. These side studs should line up with the white 2x4 side studs previously placed in the middle of this column to form a 2x6 plate of side studs. Connect the other plate to the anti-studs under the 11th and 12th studs from the front of the left column of the frame, with the side studs facing left. These side studs should line up with side studs of the previously placed white and red side studs to form a 2x8 plate of side studs.

Step 11.2

Now you will place the two blue 1x2 plates with 2x2 upright side studs that you set to the right of your build symmetrically to the red previously placed pieces. Connect one plate to the anti-studs under the 5th and 6th studs of the right column of the frame, with the side studs facing right. These side studs should line up with the white 2x4 side studs previously placed in the middle of this column to form a 2x6 plate of side studs. Connect the other plate to the anti-studs under the 11th and 12th studs from the front of the right column of the frame, with the side studs facing right. These side studs should line up with side studs of the previously placed white and blue side studs to form a 2x8 plate of side studs.

Step 12

Find two white 1x1 plates with 2x1 downward-hanging side studs. Connect one plate to the 13th stud from the front of the right column of the frame next to the ppp. Connect the other plate to the 4th stud from the front of the right column of the frame. The side studs should line up with the previously placed white and blue side studs to form a 2x10 plate of side studs.

Step 13

Flip the frame upside down so that the right column of the frame rotates to become the left column of the upside-down frame. Find two yellow 1x2 plates with 1x2 upright side studs. Connect one plate to the 3rd and 4th anti-studs from the front of the right column of the frame, with the side studs facing right. Connect the other plate to the 13th and 14th anti-studs from the front of the right column of the frame, with the side studs facing right.

Step 14

Find the blue 1x4 plate you placed to the right of your build. Connect the studs down onto the 7th through 10th anti-studs of the left column of the frame. Now find the red 1x4 plate. Connect the studs down onto the 7th through 10th anti-studs of the right column of the frame.

Step 15

Find two beige 1x8 plates. Connect the studs of one plate down onto the 1st through 8th anti-studs of the left column of the frame, and the studs of the other plate down onto the 9th through 16th anti-studs of the left column of the frame.

Step 16

Find two red 1x2 plates with 2x2 upright side studs. Connect the studs of one plate down onto the 7th and 8th anti-studs from the left of the back row of the frame so that it is centered horizontally, with the side studs facing back. Symmetrically, connect the studs of the other plate down onto the 7th and 8th anti-studs of the front row of the frame with the side studs facing forward.

Step 17

Find four black 2L Technic pins, and two white 4L axle connectors with perpendicular pin holes extending down at the left and right ends. First, insert two pins into the pin holes on the same side of each of the two connectors. Then, push the two pins of one of these assemblies from the back into the 9th and 12th pin holes of the front row of the frame. Push the two pins of the other assembly from the front into the 9th and 12th pin holes of the back row of the frame. There should be a 1/2L gap between each axle connector and the right column of the frame.

Step 18.1

Find a blue 3L axle connector, and two grey 3L axles each with a perpendicular pin hole in the middle. Place the 3L axle connector vertically on the table. Insert a 3L axle with a pin hole in the middle into the back of the connector and one into the front of the connector so that the pin holes run up/down.

Step 18.2

Find two blue 2L perpendicular axle and pin connectors. Lift the assembly and push one of these connectors onto the back axle and one onto the front axle so that the pin holes of these connectors are underneath the axle holes and the pin holes run horizontally.

Step 18.3

Find two black 2L Technic pins and push them from the left into the pin holes of the previously placed pieces.

Step 18.4

Push the two pins of this assembly, from the right, into the 4th and 10th pin holes on the left column of the frame. The top of the assembly should be flush with the top of the left column of the frame and centered vertically.

Group 3

Step 19.1

Symmetrically to steps 18.1-18.4, find a red 3L axle connector, and two grey 3L axles each with a perpendicular pin hole in the middle. Place the 3L axle connector vertically on the table. Insert a 3L axle with a pin hole in the middle into the back of the connector and one into the front of the connector so that the pin holes run up/down.

Step 19.2

Find two red 2L perpendicular axle and pin connectors. Lift the assembly and push one of these connectors onto the back axle and one onto the front axle so that the pin holes of these connectors are underneath the axle holes and the pin holes run horizontally.

Step 19.3

Find two black 2L Technic pins and push them from the right into the pin holes of the previously placed pieces.

Step 19.4

Push the two pins of this assembly, from the left, into the 4th and 10th holes on the right column of the frame so that it is centered vertically. Note that the left column of the frame has one more layer of 1x8 plates than the right column, so the assembly will stick up higher than the frame on the right column, while the assembly on the left column will be flush with the frame.

Step 20.1

Find a white 1x12 plate and connect it on the front face of the front row of the frame so that it covers the 3rd through 14th studs on the bottom row. The right edge of this plate will butt up against the plate that extends forward 1L from the right column of the frame.

Step 20.2

Find a tan 1x2 round corner plate with open studs and connect it on the front face of the front row of the frame so that it covers the 1st and 2nd studs on the bottom row. The left edge of this plate will butt up against the plate that extends forward 1L from the left column of the frame.

Step 21.1

Find a tan 1x2 plate with rail on the long side and connect it above the ppp horizontally, with the rail on top, so that it covers the 1st and 2nd studs on the top row of the front face of the frame.

Step 21.2

Find a tan 1x2 rounded plate with open studs and connect it upright to the right of the ppp so that the bottom stud of the plate covers the 3rd stud on the top row of the front face of the frame, and the top stud sticks up 1L higher than the ppp.

Step 21.3

Find a tan 1x8 plate with rail on the long side and connect it horizontally, with the rail on top, to the right of the ppp so that it covers the 4th through 11th studs on the top row of the front face of the frame.

Step 22.1

Find a tan 1x2 plate with rail on the long side and connect it horizontally, with the rail on top, to the right of the ppp so that it covers the 12th and 13th studs on the top row of the front face of the frame.

Step 22.2

Find a tan 1x2 rounded plate with open studs and connect it upright to the right of the ppp so that the bottom stud of the plate covers the 14th stud on the top row of the front face of the frame, and the top stud sticks up 1L higher than the ppp.

Step 23.1

In these next steps, you will add another layer onto the front face of the frame. Find two tan 1x2 plates. Connect one upright so that it covers the 1st studs of the bottom two rows of the front face of the frame. Connect the other plate upright so that it covers the 14th (last) studs of the bottom two rows of the front face of the frame.

Step 23.2

Find a black 1x10 plate. Connect it to the left of the ppp horizontally so that it covers the 4th through 13th studs on the bottom row of the front face of the frame.

Step 23.3

Find a tan 1x2 rounded plate with open studs and connect it to the left of the ppp horizontally so that it covers the 2nd and 3rd studs on the bottom row of the front face of the frame.

Step 23.4

Find two tan 1x6 tiles. Connect one above the ppp horizontally so that it covers the 2nd through 7th studs on the second from the bottom row of the front face of the frame. Connect the second tile to the right of the ppp horizontally so that it covers the 8th through 13th studs on the second from the bottom row of the front face of the frame.

Step 24

Find a dark brown 1x1 plate with a tooth and connect it to the 1st stud on the bottom row of the front face of the frame so that the tooth sticks out to the left.

Step 25

Find a reddish brown 1L bar with a clip and slide the bar end into the open stud to the right of the ppp. Then find a reddish brown 1x2 tile with 2 vertical teeth. Connect it to the right of the ppp horizontally with the larger tooth on the 3rd stud and the smaller tooth on the 4th stud of the bottom row of the front face of the frame. Finally, find a reddish brown 1x8 plate and connect it to the right of the ppp horizontally so that it covers the 5th through 12th studs of the bottom row of the front face of the frame.

Group 4

Step 26.1

Find a black 1x2 plate with 1x2 downward-hanging side studs. Connect the studs vertically from above to the 8th and 9th anti-studs from the front on the top of the right column of the frame so that it is centered vertically and so that the open side studs are upright and to the right.

Step 26.2

Find two reddish brown 1x2 plates with 1x4 downward-hanging side studs. Connect the studs of one plate vertically from above onto the 1st and 2nd anti-studs from the front on the top of the right column of the frame so that the open side studs are upright and to the right and the edge of the piece is flush with the front right corner of the frame. Connect the studs of the second plate vertically from above to the 15th and 16th anti-studs from the front on the top of the right column of the frame so that the open side studs are upright and to the right and the edge of the piece is flush with the plate that extends from the bottom row of the back right corner of the frame.

Step 27.1

Find 10 black 1x2 plates with one stud and one pin hole perpendicular to the long side, and find 5 reddish brown 2x2 curved slopes. Take 2 of the plates with pin holes and place them on the table vertically, with the pin holes in front, side by side so that their long sides are touching. Connect one of the slopes down onto the two studs so that it is sloping down towards the back. Make 4 more of these assemblies.

Step 27.2

You will be connecting these assemblies from the right to the right face of the right column of the frame so that the pin holes are flush with the top of the frame and the curved slopes slope down to touch the table. The pin holes will line up along the top of the right face to form the hinges of the book. Connect the first assembly to cover the 1st rows and 2nd rows of the right face so that it is flush with the front right corner of the frame. Connect the second assembly directly behind the ppp to cover the 3rd and 4th rows. Connect the third assembly to cover the 9th and 10th rows in the vertical center of the right face. Connect the fourth assembly to cover the 15th and 16th rows of the right face. Connect the final assembly directly behind the ppp to cover the last two rows of the right face and so that it is flush with the back right corner of the frame.

Step 28.1

Find 2 red 1x4 plates and 4 reddish brown 2x2 curved slopes. Place one of the plates on the table vertically and connect two of the slopes side by side down onto the studs to form a 2x4 curved slope. Make another of these assemblies.

Step 28.2

You will be connecting these assemblies from the right to the right face of the right column of the frame in between the assemblies you connected in step 27. Connect the first assembly to cover the studs of the 6th through 8th rows of the right face so that the curved slopes line up with the slopes on either side and slope down to touch the table. Connect the second assembly in the same way to cover the studs of the 11th through 14th rows of the right face and to complete the columns of slopes.

Group 5

Step 29.1

We're now going to build the back face of the frame to mirror the front face, so rotate the frame 180 degrees on the table. The following steps will be like steps 20 through 25 but flipped left to right. Find a white 1x12 plate and connect it on the front face of the front row of the frame so that it covers the 1st through 12th studs on the bottom row. The left edge of this plate will butt up against the plate that extends forward 1L from the left column of the frame.

Step 29.2

Find a tan 1x2 rounded plate with open studs and connect it to the right of the ppp so that it covers the 13th and 14th studs on the bottom row. The right edge of this plate will butt up against the plate that extends forward 1L from the right column of the frame.

Step 30.1

Find a tan 1x2 plate with rail on the long side and connect it above the ppp horizontally, with the rail on top, so that it covers the 13th and 14th studs on the top row of the front face of the frame.

Step 30.2

Find a tan 1x2 rounded plate with open studs and connect it upright to the left of the ppp so that the bottom stud of the plate covers the 12th stud on the top row of the front face of the frame, and the top stud sticks up 1L higher than the ppp.

Step 30.3

Find a tan 1x8 plate with rail on the long side and connect it horizontally, with the rail on top, to the left of the ppp so that it covers the 4th through 11th studs on the top row of the front face of the frame.

Step 31.1

Find a tan 1x2 plate with rail on the long side and connect it horizontally, with the rail on top, to the left of the ppp so that it covers the 2nd and 3rd studs on the top row of the front face of the frame.

Step 31.2

Find a tan 1x2 rounded plate with open studs and connect it upright to the left of the ppp so that the bottom stud of the plate covers the 1st stud on the top row of the front face of the frame, and the top stud sticks up 1L higher than the ppp.

Step 32.1

In these next steps, you will add another layer onto the front face of the frame. Find two tan 1x2 plates. Connect one upright so that it covers the 1st studs of the bottom two rows of the front face of the frame. Connect the other plate upright so that it covers the 14th (last) studs of the bottom two rows of the front face of the frame.

Step 32.2

Find a black 1x10 plate. Connect it horizontally so that it covers the 2nd through 11th studs on the bottom row of the front face of the frame.

Step 32.3

Find a tan 1x2 rounded plate with open studs and connect it to the right of the ppp horizontally so that it covers the 12th and 13th studs on the bottom row of the front face of the frame.

Step 32.4

Find two tan 1x6 tiles. Connect one above the ppp horizontally so that it covers the 8th through 13th studs on the second from the bottom row of the front face of the frame. Connect the second tile to the left of the ppp horizontally so that it covers the 2nd through 7th studs on the second from the bottom row of the front face of the frame.

Step 33

Find a dark brown 1x1 plate with a tooth and connect it to the 14th (last) stud on the bottom row of the front face of the frame so that the tooth sticks out to the right.

Step 34

Find a reddish brown 1L bar with a clip and slide the bar end into the open stud to the left of the ppp with the hand facing up and down. Then find a reddish brown 1x2 tile with 2 vertical teeth. Connect it to the left of the ppp horizontally with the larger tooth on the 12th stud and the smaller tooth on the 11th stud of the bottom row of the front face of the frame. Finally, find a reddish brown 1x8 plate and connect it to the left

of the ppp horizontally so that it covers the 3rd through 10th studs of the bottom row of the front face of the frame.

Step 35

You will be working on what is now the right face of the right column of the frame, so rotate the frame 90 degrees clockwise so that this face becomes the front face of the frame and the hinges are at the back of the frame. Find two dark tan 1x1 round plates with open studs, four orange 1x3 rounded plate with open studs, and a light blue 1x2 tile. Starting on the left side of the bottom row of the front face, connect a 1x3 rounded plate horizontally so that it covers the 1st through 3rd studs and butts up on the left against the underside of the tooth that extends from the left column of the frame. Connect a 1x1 round plate to the right of the ppp so that it covers the 4th stud. Connect a 1x3 rounded plate to the right of the ppp horizontally so that it covers the 5th through 7th studs. Skip a stud to the right and connect the 1x2 tile to the 9th and 10th studs so that it is centered horizontally. Skip a stud to the right and connect a 1x3 rounded plate horizontally so that it covers the 12th through 14th studs. Connect a 1x1 round plate to the right of the ppp so that it covers the 15th stud. Connect a 1x3 rounded plate horizontally to the right of the ppp so that it covers the 16th through 18th studs and butts up on the right against the underside of the tooth that extends from the right column of the frame.

Step 36

Find a tan 1x2 plate with rail on the long side and two tan 1x8 plates with rails on the long side. Starting on the left side of the top row of the front face, connect a 1x8 plate, with the rail on top, so that the 2nd through 8th anti-studs cover the 1st through 7th studs and the left edge of the plate is flush with the front left corner of the frame (there is no stud on the frame to connect to the leftmost anti-stud of the plate.) Connect the 1x2 plate to the right of the ppp horizontally with the rail on top so that it covers the 8th and 9th studs and is centered horizontally. Connect the second 1x8 plate to the right of the ppp horizontally with the rail on top so that it covers the 10th through 16th studs and the right edge of the plate is flush with the front right corner of the frame (there is no stud on the frame to connect to the rightmost anti-stud of the plate.)

Step 37

Find two tan 2x2 tiles with two studs and place them on the table with the studs at the front. Find two reddish brown 1x2 tiles each with 2 vertical teeth and connect one onto each of the tiles so that the taller tooth is on the left. Connect one assembly to the front face of the frame so that the teeth cover the 1st and 2nd studs of the bottom row and the tile covers the 1st and 2nd studs of the top row and the left edge is flush with the left corner of the frame. Connect the other assembly to the front face of the frame so that the teeth cover the 17th and 18th studs of the bottom row and the tile covers the 17th and 18th studs of the top row and the right edge is flush with the right edge of the frame.

Step 38

Find two reddish brown 1x4 rounded plates with an open stud on each end and place them on the table horizontally. Find two reddish brown 1x2 tiles with 2 vertical teeth and connect them horizontally onto the two center studs of the plates. Orient one of these assemblies so that the larger tooth is on the left and connect the assembly from the front onto the 3rd through 6th studs of the bottom row of the front face, directly to the right of the existing teeth. Orient the other assembly so that the larger tooth is on the right and connect the assembly from the front onto the 13th through 16th studs of the bottom row of the front face, directly to the left of the existing teeth.

Step 39.1

Find a red modified 1x2 plate with a bar handle and place it on the table. Find a tan 1x4 curved arch tile and connect the anti-studs under the middle of the arch to the two studs of the plate. Connect this

assembly to the front face of the frame horizontally with the bar handle at the top so that the curved arch covers the 3rd through 6th studs of the top row, above the first teeth placed in step 38.

Step 39.2

Find a tan 1x4 tile and connect it horizontally to the front face of the frame so that it covers the 13th through 16th studs of the top row, above the teeth placed last in step 38.

Step 40

Find two dark brown 1x1 slope tiles. Connect one to the front face of the frame so that it covers the 7th stud of the bottom row like a wedge with the tip down. Connect the other to the front face of the frame so that it covers the 12th stud of the bottom row like a wedge with the tip down.

Step 41

Find four reddish brown 1L bars with clips. Insert these into the open studs on the bottom row of the front face of the frame at the 3rd, 6th, 13th, and 16th stud positions with the hands facing up and down. You can now place this frame of the bottom cover of the Monster Book of Monsters aside to begin work on the top cover.

Bag 2 Group 6

Let's build the frame of the top cover of the Monster Book of Monsters. The basic rectangle of this frame will be the same as the basic rectangle of the bottom cover.

Step 42.1

Place a grey 1x14 brick with holes horizontally on the table.

Step 42.2

Find two yellow 1x2 plates with 1x2 upright side studs. Orient one plate vertically with the side studs facing left. Connect the left-most anti-stud of the 1x14 brick onto the back stud of the plate. Symmetrically, connect the right-most anti-stud of the 1x14 brick onto the back stud of the second plate with its side studs facing right.

Step 43

Find two more grey 1x14 bricks with holes. Connect one vertically onto the front stud of the right previously placed plate and one vertically onto the front stud of the left plate so that you have 3 sides of a rectangle.

Step 44

Find two more yellow 1x2 plates with 1x2 upright side studs. Connect the front anti-stud of the left previously placed vertical 1x14 brick onto the back stud of one plate, with the side studs facing left. Symmetrically, connect the front anti-stud of the 1x14 brick onto the back stud of the other plate, with the side studs facing right.

Step 45

Find the final grey 1x14 brick with holes and connect it horizontally onto the exposed studs of the plates on the left and right to form a rectangular frame.

Step 46

Find four reddish brown 1x2 plates with 1x4 downward-hanging side studs. Orient a plate vertically with the side studs facing left and connect the 1x2 plate onto the back two studs of the left column of the frame so that one side stud protrudes behind the frame. Place the other plates symmetrically: one with the 1x2 plate on the front two studs of the left column with the side studs facing left and one side stud protruding in front of the frame, one with the 1x2 plate on the back two studs of the right column with the side studs facing right and one side stud protruding behind the frame, and the last one with the 1x2 plate on the front two studs of the right column with the side studs facing right and one side stud protruding in front of the frame.

Step 47

Find two more yellow 1x2 plates with 1x2 upright side studs. Orient one plate vertically with the side studs facing right and slide it under the right column of the frame to connect from beneath to the 3rd and 4th anti-studs from the front. Symmetrically, orient the second plate vertically with the side studs facing right and slide it under the right column of the frame to connect from beneath to the 13th and 14th anti-studs from the front.

Step 48

Find two black 1x1 plates with 1x1 downward-hanging side studs. Connect one down onto the 4th stud from the front of the right column of the frame so that the side stud faces right. Symmetrically, connect the other down onto the 13th stud from the front of the right column of the frame so that the side stud faces right.

Step 49

Find two white 1x2 plates with 2x4 downward-hanging side studs. Orient these vertically. Connect one 1x2 plate onto the middle two studs (8th and 9th studs from the front) of the left column of the frame, with the side studs facing left. Connect the other plate symmetrically onto the middle two studs of the right column of the frame, with the side studs facing right.

Step 50.1

Find two light blue 1x2 plates with 2x2 upright side studs. Connect one plate from below, to the anti-studs under the 5th and 6th studs from the front of the left column of the frame, with the side studs facing left. These side studs should line up with the white 2x4 side studs previously placed in the middle of this column to form a 2x6 plate of side studs. Connect the other plate to the anti-studs under the 11th and 12th studs from the front of the left column of the frame, with the side studs facing left. These side studs should line up with side studs of the previously placed white and blue side studs to form a 2x8 plate of side studs.

Group 7

Step 50.2

Find two red 1x2 plates with 2x2 upright side studs. Symmetrical to the last step, connect one plate to the anti-studs under the 5th and 6th studs of the right column of the frame, with the side studs facing right. These side studs should line up with the white 2x4 side studs previously placed in the middle of this column to form a 2x6 plate of side studs. Connect the other plate to the anti-studs under the 11th and 12th studs from the front of the right column of the frame, with the side studs facing right. These side studs

should line up with side studs of the previously placed white and red side studs to form a 2x8 plate of side studs.

Step 51

Find four white 1x2 plates with 2x4 downward-hanging side studs. Connect the first 1x2 plate from above onto the 2nd and 3rd studs from the left of the front row of the frame with the side studs facing forward. Connect the other plates symmetrically: one with the 1x2 plate onto the 12th and 13th studs from the left of the front row of the frame with the side studs facing forward; one with the 1x2 plate onto the 2nd and 3rd studs from the left of the back row of the frame with the side studs facing backward; and the last one with the 1x2 plate onto the 12th and 13th studs from the left of the back row of the frame with the side studs facing backward.

Step 52

Find two white 1x1 plates with 2x1 downward-hanging side studs. Connect one plate to the 13th stud from the front of the left column of the frame with side studs to the left. Connect the other plate to the 4th stud from the front of the left column of the frame with the side studs to the left. The side studs should line up with the previously placed white and blue side studs to form a 2x10 plate of side studs.

Step 53.1

Flip the frame over so that the front row of the frame becomes the back row of the upside-down frame. Find a red 1x4 plate and connect the studs down onto the 7th through 10th anti-studs of the right column of the frame.

Group 8

Step 53.2

Find a light blue 1x4 plate and connect the studs down onto the 7th through 10th anti-studs of the left column of the frame.

Step 54

Find two red 1x2 plates with 2x2 upright side studs. Connect the studs of one plate down onto the 7th and 8th anti-studs from the left of the back row of the frame so that it is centered horizontally, with the side studs facing back. Symmetrically, connect the studs of the other plate down onto the 7th and 8th anti-studs of the front row of the frame with the side studs facing forward.

Step 55.1

Find a white 1x12 plate and connect it on the front face of the front row of the frame so that it covers the 3rd through 14th studs on the bottom row. The right edge of this plate will butt up against the plate that extends forward 1L from the right column of the frame.

Step 55.2

Find a tan 1x2 rounded plate with open studs and connect it on the front face of the front row of the frame so that it covers the 1st and 2nd studs on the bottom row. The left edge of this plate will butt up against the plate that extends forward 1L from the left column of the frame.

Step 56.1

Find a tan 1x2 plate with rail on the long side and connect it above the ppp horizontally, with the rail on top, so that it covers the 1st and 2nd studs on the top row of the front face of the frame.

Step 56.2

Find a dark tan 1x1 round plate with an open stud and connect it to the right of the ppp so that it covers the 3rd stud on the top row of the front face of the frame.

Step 56.3

Find a tan 1x8 plate with rail on the long side and connect it horizontally, with the rail on top, to the right of the ppp so that it covers the 4th through 11th studs on the top row of the front face of the frame.

Step 57.1

Find a tan 1x2 plate with rail on the long side and connect it horizontally, with the rail on top, to the right of the ppp so that it covers the 12th and 13th studs on the top row of the front face of the frame.

Step 57.2

Find a dark tan 1x1 round plate with an open stud and connect it to the right of the ppp so that it covers the 14th stud on the top row of the front face of the frame.

Step 58.1

In these next steps, you will add another layer onto the front face of the frame. Find two tan 1x2 plates. Connect one upright so that it covers the 1st studs of the two rows of the front face of the frame. Connect the other plate upright so that it covers the 14th(last) studs of the two rows of the front face of the frame.

Step 58.2

Find a black 1x10 plate. Connect it to the left of the ppp horizontally so that it covers the 4th through 13th studs on the bottom row of the front face of the frame.

Step 58.3

Find a tan 1x2 rounded plate with open studs and connect it to the left of the ppp horizontally so that it covers the 2nd and 3rd studs on the bottom row of the front face of the frame.

Step 58.4

Find two tan 1x6 tiles. Connect one above the ppp horizontally so that it covers the 2nd through 7th studs on the top row of the front face of the frame. Connect the second tile to the right of the ppp horizontally so that it covers the 8th through 13th studs on the top row of the front face of the frame.

Step 59

Find a dark brown 1x1 slope tile and connect it to the 1st stud on the bottom row of the front face of the frame so that it slopes down to the right.

Step 60

Find a reddish brown 1L bar with a clip and slide the bar end into the open stud to the right of the ppp with the hand facing left and right. Then find a reddish brown 1x2 tile with 2 vertical teeth. Connect it to the right of the ppp horizontally with the larger tooth on the 3rd stud and the smaller tooth on the 4th stud of the bottom row of the front face of the frame. Next, find a dark brown 1x1 slope and connect it to the right of the ppp on the 5th stud of the bottom row of the front face of the frame so that it slopes down to the right. Finally, find a reddish brown 1x8 plate and connect it to the right of the ppp horizontally so that it covers the 6th through 13th studs of the bottom row of the front face of the frame.

Step 61

Find a tan 1x2 rounded plate with open studs and a reddish brown 2x2 curved slope. Connect the plate to the anti-studs of the upper part of the slope to give the assembly a 2x2 flat bottom. Connect this assembly from the right to the middle of the right face of the right column of the frame to cover the studs

of the 9th and 10th rows of each column of the right face so that the curved slope slopes down to touch the table.

Step 62

Find two reddish brown 1x2 plates with 1x4 downward-hanging side studs. Connect the studs of one plate down onto the 5th and 6th anti-studs from the front of the right column of the frame with the side studs facing right. Connect the studs of the other plate down onto the 11th and 12th anti-studs from the front of the right column of the frame with the side studs facing right.

Group 9

Step 63.1

Let's make some hinges for the top cover of the book that will line up with the hinges on the bottom cover when we eventually connect the covers. Find 8 black 1x2 plates with one stud and one pin hole perpendicular to the long side, and find 4 reddish brown 2x2 curved slopes. Take 2 of the plates with pin holes and place them on the table vertically, with the pin holes in front, side by side so that their long sides are touching. Connect one of the slopes down onto the two studs so that it is sloping down towards the back. Make 3 more of these assemblies.

Step 63.2

You will be connecting these assemblies from the right to the right face of the right column of the frame so that the pin holes are flush with the top of the ppps and the curved slopes slope down to touch the table. Connect the first assembly to cover the 5th and 6th rows of the right face. Connect the second assembly to cover the 7th and 8th rows. Connect the third assembly to cover the 11th and 12th rows. And connect the final assembly to cover the 13th and 14th rows.

Step 64.1

Find 2 red 1x4 plates and 4 reddish brown 2x2 curved slopes. Place one of the plates on the table vertically and connect two of the slopes side by side down onto the studs to form a 2x4 curved slope. Make another of these assemblies.

Step 64.2

You will be connecting these assemblies from the right to the right face of the right column of the frame in between the assemblies you connected in step 27. Connect the first assembly to cover the 1st through 4th rows of the right face so that the curved slopes line up with the slopes behind and slope down to touch the table. Connect the second assembly in the same way to cover the 15th through 18th rows of the right face and to complete the column of slopes.

Step 65.1

We're now going to build the back face of the frame to mirror the front face, so rotate the frame 180 degrees on the table. The following steps will be like steps 55 through 57 but flipped left to right. Find a white 1x12 plate and connect it on the front face of the front row of the frame so that it covers the 1st through 12th studs on the bottom row. The left edge of this plate will butt up against the plate that extends forward 1L from the left column of the frame.

Step 65.2

Find a tan 1x2 rounded plate with open studs and connect it to the right of the ppp so that it covers the 13th and 14th studs on the bottom row. The right edge of this plate will butt up against the plate that extends forward 1L from the right column of the frame.

Step 65.3

Find a dark tan 1x1 round plate with an open stud and connect it to the 1st stud on the top row of the front face of the frame.

Step 66.1

Find a tan 1x2 plate with rail on the long side and connect it to the right of the ppp horizontally, with the rail on top, so that it covers the 2nd and 3rd studs on the top row of the front face of the frame.

Step 66.2

Find a tan 1x8 plate with rail on the long side and connect it horizontally, with the rail on top, to the right of the ppp so that it covers the 4th through 11th studs on the top row of the front face of the frame.

Step 67.1

Find a dark tan 1x1 round plate with an open stud and connect it to the right of the ppp so that it covers the 12th stud on the top row of the front face of the frame.

Step 67.2

Find a tan 1x2 plate with rail on the long side and connect it to the right of the ppp horizontally, with the rail on top, so that it covers the 13th and 14th studs on the top row of the front face of the frame.

Step 68.1

In these next steps, you will add another layer onto the front face of the frame. Find two tan 1x2 plates. Connect one upright so that it covers the 1st studs of the two rows of the front face of the frame. Connect the other plate upright so that it covers the 14th(last) studs of the two rows of the front face of the frame.

Step 68.2

Find a black 1x10 plate. Connect it horizontally so that it covers the 2nd through 11th studs on the bottom row of the front face of the frame.

Step 68.3

Find a tan 1x2 rounded plate with open studs and connect it to the right of the ppp horizontally so that it covers the 12th and 13th studs on the bottom row of the front face of the frame.

Step 68.4

Find two tan 1x6 tiles. Connect one above the ppp horizontally so that it covers the 8th through 13th studs on the second from the bottom row of the front face of the frame. Connect the second tile to the left of the ppp horizontally so that it covers the 2nd through 7th studs on the second from the bottom row of the front face of the frame.

Step 69

Find a dark brown 1x1 slope tile and connect it to the 14th (last) stud on the bottom row of the front face of the frame so that it slopes down to the left.

Step 70

Find a reddish brown 1L bar with a clip and slide the bar end into the open stud to the left of the ppp with the hand facing diagonally from the bottom left to the top right. Then find a reddish brown 1x2 tile with 2 vertical teeth. Connect it to the left of the ppp horizontally with the larger tooth on the 12th stud and the smaller tooth on the 11th stud of the bottom row of the front face of the frame. Next, find a dark brown 1x1 slope and connect it to the left of the ppp on the 10th stud of the bottom row of the front face of the frame so that it slopes down to the left. Finally, find a reddish brown 1x8 plate and connect it to the left of the ppp horizontally so that it covers the 2nd through 9th studs of the bottom row of the front face of the frame.

Group 10

Step 71.1

Let's start working on the right face of the right column of the frame. Find a black 1x1 plate with a side clip and connect it to the 1st stud of the bottom column of the right face of the right column of the frame so that the clip extends forwards with the hand facing left and right. Next, connect a tan 1x2 rounded plate with open studs behind the ppp so that it covers the 2nd and 3rd rows of the bottom column of the right face of the right column. Find a reddish brown 1x4 rounded plate with an open stud on each end and connect it behind the ppp so that it covers the 4th through 7th rows of the bottom column of the right face of the right column. Find a light blue 1x2 tile. Skip a stud from the ppp to the back and connect the tile to the 9th and 10th studs of the bottom column so that it is centered vertically.

Step 71.2

Continuing symmetrically, find a reddish brown 1x4 rounded plate with an open stud on each end. Skip a stud from the ppp to the back and connect the rounded plate to the 12th through 15th studs of the bottom column. Next, connect a tan 1x2 rounded plate with open studs behind the ppp so that it covers the 16th and 17th rows of the bottom column of the right face. Finally, find a black 1x1 plate with a side clip and connect it behind the ppp to the 18th (last) stud of the bottom column of the right face of the right column of the frame so that the clip extends backwards with the hand facing left and right.

Step 72

Find a tan 1x2 plate with rail on the long side and two tan 1x8 plates with rails on the long side. Starting at the front of the top column of the right face of the right column of the frame, connect a 1x8 plate, with the rail on top, so that the 2nd through 8th anti-studs cover the 1st through 7th studs and the left edge of the plate is flush with the front right corner of the frame (there is no stud on the frame to connect to the first anti-stud of the plate.) Connect the 1x2 plate behind the ppp vertically with the rail on top so that it covers the 8th and 9th studs and is centered horizontally. Connect the second 1x8 plate behind the ppp vertically with the rail on top so that it covers the 10th through 16th studs and the back edge of the plate is flush with the back right corner of the frame (there is no stud on the frame to connect to the last anti-stud of the plate.)

Step 73

Find two tan 2x2 tiles with two studs and place them on the table with the studs on the right. Find two reddish brown 1x2 tiles each with 2 vertical teeth and connect one onto each of the tiles so that the taller tooth is at the back. Connect one assembly to the right face of the frame so that the teeth cover the 1st and 2nd studs of the bottom column and the tile covers the 1st and 2nd studs of the top column and the front edge is flush with the front right corner of the frame. Connect the other assembly to the right face of the frame so that the teeth cover the 17th and 18th studs of the bottom column and the tile covers the 17th and 18th studs of the top column and the back edge is flush with the back right edge of the frame.

Step 74.1

Find two reddish brown 1x4 rounded plates with an open stud on each end and place them on the table vertically. Now find two reddish brown 1x2 tiles with 2 vertical teeth and connect them vertically onto the two center studs of the plates. Finally, find two dark brown 1x1 slope tiles. Connect one of these to each assembly on the stud beside the smaller tooth, sloping down towards the tooth.

Step 74.2

Orient one of these assemblies so that the slope tile is at the back and connect the assembly from the right onto the 3rd through 6th studs of the bottom column of the right face, directly behind the existing two teeth. Orient the other assembly so that the slope tile is at the front and connect the assembly onto the 13th through 16th studs of the bottom column of the right face, directly in front of the existing two teeth.

Step 75

Find two reddish brown 1L bars with clips and slide the bar ends into the open studs of the previously placed assemblies with the hands facing up and down, at the 3rd and 16th rows of the bottom column of the right face of the frame.

Step 76

Find two tan 1x4 tiles. Connect one vertically to the 3rd through 6th studs of the top column of the right face of the right column of the frame. Connect the other to the 13th through 16th studs of the same column.

Step 77

Find two white 2L bars with center stop rings. Insert one bar, up to the stop ring, into the open stud in the 7th row of the bottom column of the right face of the right column of the frame. Insert the other into the open stud in the 12th row of the same column.

Step 78

It's time to connect this frame of the top cover of the book onto the frame of the bottom cover you completed earlier! Place the frame of the bottom cover vertically on the table so that the hinges are on top on the right. Now flip the frame of the top cover so that the hinges are on the bottom on the right. Position the frame of the top cover so that its hinges drop into the space between the hinges on the bottom cover to form a solid line of hinge pieces along the right edge of the book. Now find a reddish brown 5L axle with a stop on one end and insert it from the front into the pin hole at the front opening of the hinge until you hit the stop.

Step 79

Find a reddish brown 3x3 round corner plate and connect it to the bottom right corner of the front face of the book so that it covers the 13th and 14th studs on the bottom row of the front face of the book and curves upwards to the right to cover the ppp in the front opening of the hinge. Now find a reddish brown 2x2 round corner tile and connect it above the ppp so that it curves up and to the left and covers the 14th stud of the top row of the front face of the book.

Step 80

Rotate the book 180 degrees on the table to complete the hinge. Find a black 8L axle and slide it into the pin hole at the front of the hinge and all the way into the hinge on the left side of the book. Now find a reddish brown 5L axle with a stop on one end to push the ppp further into the hinge until you hit the stop of the 5L axle.

Step 81

Find a reddish brown 3x3 round corner plate and connect it to the bottom left corner of the front face of the book so that it covers the 1st and 2nd studs on the bottom row of the front face of the book and curves upwards to the left to cover the ppp in the front opening of the hinge. Now find a reddish brown 2x2 round corner tile and connect it above the ppp so that it curves up and to the right and covers the 1st stud of the top row of the front face of the book. You should now be able to open and close the top cover of the book with a smooth hinge. Place this frame of the book aside.

Bag 3 Group 11

It's time to build the surface of the top cover of the book which, as you know, is also a monster!

Step 82

Find a reddish brown 4x6 plate to use in the next step.

Step 83

Find a tan 2x14 plate and a red 2x14 plate. The sorting instructions asked the sorter to attach three reddish brown 1x2 plates, each with 3 claws on the long side, to the tan 2x14 plate to distinguish the tan plate from the red plate. Set the reddish brown claw pieces to the side to distinguish them from the dark brown claw pieces of the same form you will use in future steps. Now place the tan plate vertically on the table then place the red plate, also vertically, to the right of the tan plate with 2L space between them. Connect the left column of the 4x6 plate you found in the previous step onto the 2nd through 7th rows of the right column of the tan plate. And connect the right column of the 4x6 plate onto the 2nd through 7th rows of the left column of the red plate.

Step 84

Find another reddish brown 4x6 plate and connect it behind the ppp so that it covers the 8th through 13th rows of the right column of the tan plate as well as the 8th through 13th rows of the left column of the red plate.

Step 85.1

Find a reddish brown 6x6 plate and one of the reddish brown 1x2 plates with 3 claws that you set aside. Connect the 1x2 plate, with the claws on the right, to the 5th and 6th studs of the right column of the 6x6 plate.

Step 85.2

Find a dark brown 1x2 plate with 3 claws on the long side. Connect it, with the claws on the right, onto the 3rd and 4th studs of the right column of the 6x6 plate in front of the ppp. Find a dark brown 1x2 curved slope and connect it, sloping down to the right, onto the 2nd stud of the right column of the 6x6 plate in front of the ppp. Finally, find a dark brown 1x1 quarter circle tile. Connect it directly to the left of the ppp on the 2nd stud of the 5th column of the 6x6 plate so that one flat edge of the quarter circle is flush with the ppp and the other flat edge is at the front.

Step 85.3

Now connect the first column of this assembly to the 2nd through 7th studs of the right column of the red 2x14 plate of the assembly from step 84 (the red plate is on the right side), with the claws and slope to the right.

Step 86.1

Find a reddish brown 6x6 plate and dark brown 1x2 plate with 3 claws on the long side. Connect the 1x2 plate, with the claws on the right, to the 1st and 2nd studs of the right column of the 6x6 plate.

Step 86.2

Find the remaining two reddish brown 1x2 plates each with 3 claws that you set aside. Connect one, with the claws on the right, onto the 3rd and 4th studs of the right column of the 6x6 plate behind the ppp, and connect the final one, with the claws on the right, onto the 5th and 6th studs behind the ppp.

Step 86.3

Find a dark brown 1x1 quarter circle tile and connect it directly to the left of the back stud of the ppp on the 6th stud of the 5th column of the 6x6 plate so that one flat edge of the quarter circle is flush with the ppp and the other flat edge flush with the back of the assembly.

Step 86.4

Now connect the first column of this assembly to the 8th through 13th studs of the right column of the red 2x14 plate of the assembly from step 84 (the red plate is on the right side), with the claws to the right so that you have an unbroken column of five claw pieces and a slope piece.

Step 87.1

You will now build out in an almost symmetrical way on the left side, but with a gap in the column of claw pieces. Find a reddish brown 6x6 plate and a dark brown 1x2 plate with 3 claws on the long side. Connect it, with the claws on the left, onto the 3rd and 4th studs of the left column of the 6x6 plate. Find a dark brown 1x2 curved slope and connect it, sloping down to the left, onto the 2nd stud of the left column of the 6x6 plate in front of the ppp. Finally, find a dark brown 1x1 quarter circle tile. Connect it directly to the right of the ppp on the 2nd stud of the 2nd column of the 6x6 plate so that one flat edge of the quarter circle is flush with the ppp and the other flat edge is at the front.

Step 87.2

Now connect the right column of this assembly to the 2nd through 7th studs of the left column of the tan 2x14 plate of the assembly from step 84 (the tan plate is on the left side), with the claws and slope to the left.

Group 12

Step 88.1

Find a reddish brown 6x6 plate and two reddish brown 1x2 plates each with 3 claws. Connect one, with the claws on the left, onto the 5th and 6th studs of the left column of the 6x6 plate. Connect the other, with the claws on the left, onto the 3rd and 4th studs in front of the ppp.

Step 88.2

Find a dark brown 1x1 quarter circle tile and connect it onto the 6th stud of the 2nd column of the 6x6 plate so that one flat edge of the quarter circle is flush with the back of the back claw and the other flat edge is flush with the back of the assembly.

Step 88.3

Now connect the right column of this assembly to the 8th through 13th studs of the left column of the tan 2x14 plate of the assembly from step 84 (the tan plate is on the left side), with the claws to the left, to complete the 12x16 rectangular base of the top cover of the book.

Step 89

Now flip this base upside down from front to back so that the right edge with the unbroken line of claws on the right. Find two white 1x6 plates, one of which has a dark brown 1x2 plate with 3 claws on the long side attached to it. Place this dark brown claw aside to be used in a future step. The 1x6 plates will be used to reinforce the bottom of the base. Connect the studs of one of the plates vertically down onto the 4th through 9th anti-studs of the left column of the base so that it is centered vertically. Connect the studs of the other plate vertically down onto the 4th through 9th anti-studs of the right column of the base so that it is centered vertically.

Step 90.1

It's time to add the title to the front cover of the book, so flip the base back upside right from front to back so that the right edge with the unbroken line of claws stay on the right. Find the 2x2 reddish brown tile with the text 'The' printed on top (a braille label may have been added, or use your favourite text-to-speech app) and connect it so that it reads from front to back (the book cover is laying sideways, 90 degrees counter clockwise to you) onto the 6th and 7th rows of the 1st and 2nd columns of the 12x16 base, centered vertically.

Step 90.2

Find the 2x6 reddish brown tile with the text 'Monster Book' printed on top and connect it vertically, so that it reads from front to back, onto the 4th through 9th rows of the 3rd and 4th columns of the base to the right of the ppp, centered vertically.

Step 90.3

Find the 2x2 reddish brown tile with the text 'of' printed on top and connect it, so that it reads from front to back, onto the 6th and 7th rows of the 5th and 6th columns of the base to the right of the ppp, centered vertically.

Step 90.4

Find the 2x6 reddish brown tile with the text 'Monsters' printed on top and connect it vertically, so that it reads from front to back, onto the 4th through 9th rows of the 13th and 14th columns of the base, centered vertically.

Step 90.5

And finally, find a reddish brown 1x1 tile with a clip on top and connect it, with the hand facing left and right, to the 6th stud of the 15th column of the base, to the right of the ppp.

Step 91

Find four dark brown 1x1 quarter circle tiles to form one of many embellishments to give texture to the book cover. Connect the first one to the 6th stud of the 12th column of the base, oriented as the bottom right quarter of a circle with the straight edges at the left and the back. Connect the next quarter circle tile behind the ppp on the 7th stud of the 12th column of the base to form the right half of a circle with the ppp. Connect the third quarter circle tile to the left of the ppp on the 7th stud of the 11th column of the base, but instead of continuing to form a circle, orient it with the straight edges at the right and the back. Connect the final quarter circle tile in front of the ppp on the 6th stud of the 11th column of the base with the straight edges at the right and front, symmetrical to the ppp.

Step 92.1

Find two more dark brown 1x1 quarter circle tiles and two reddish brown 2x2 round corner plates. Connect the first corner plate, oriented with the curved corner on the bottom left, to the 3rd and 4th studs of the 2nd column and the 3rd stud of the 3rd column of the base so that the inside square corner butts up against the front left corner of the 2x6 'Monster Book' plate. Connect a quarter circle tile to the 5th stud of the 2nd column of the base between the ppp and the 2x2 'The' plate, with the straight edges at the front and left.

Step 92.2

Symmetrically, connect the second corner plate, oriented with the curved corner on the bottom right, to the 3rd and 4th studs of the 15th column and the 3rd stud of the 14th column of the base so that the inside square corner butts up against the front right corner of the 2x6 'Monsters' plate. Connect a quarter circle tile to the 5th stud of the 15th column of the base between the ppp and the 1x1 tile with a clip, with the straight edges at the front and left.

Step 93.1

Find four reddish brown 1x3 jumper plates with 2 open studs and two dark tan 1x1 round plates with open studs. Connect the first jumper plate horizontally onto the 4th studs of the 5th through 7th columns of the base. Connect the next jumper plate horizontally in front of the ppp onto the 3rd studs of the 5th through 7th columns of the base. Connect the 1x1 round plate to the left of the ppp onto the 3rd stud of the 4th column of the base.

Step 93.2

Symmetrically, connect a jumper plate horizontally onto the 4th studs of the 10th through 12th columns of the base. Connect the next jumper plate horizontally in front of the ppp onto the 3rd studs of the 10th through 12th columns of the base. Connect the 1x1 round plate to the right of the ppp onto the 3rd stud of the 13th column of the base.

Step 94

Find a reddish brown 1x2 plate with 3 claws on the long side and connect its plate, with claws forward, onto the two ppps to cover the 3rd rows of the 13th and 14th columns of the base, with the claws covering the 2nd rows of the 13th and 14th columns of the base. Now find the dark brown 1x2 plate with 3 claws on the

long side that you set aside in step 89. Symmetrically, connect it to the 3rd rows of the 3rd and 4th columns of the base, with the claws covering the 2nd rows of the 3rd and 4th columns of the base.

Group 13

Step 95.1

Find two reddish brown 1x2 plates with end clips and four dark brown 1x1 quarter circle tiles. Connect a 1x2 plate vertically, with the clip at the back and the end facing up and down, to the two left open studs of the jumper plates to the right of the ppp, halfway between the 5th and 6th columns of the base. Connect a quarter circle tile onto the back right open stud of the jumper plates, to the right of the ppp, with the straight edges to the left and front. Connect another quarter circle tile onto the front right open stud of the jumper plates, in front of the ppp, with the straight edges to the back and right.

Step 95.2

Symmetrically, connect a 1x2 plate vertically, with the clip at the back and the end facing up and down, to the two right open studs of the jumper plates on the right, halfway between the 11th and 12th columns of the base. Connect a quarter circle tile onto the back left open stud of the jumper plates, to the left of the ppp, with the straight edges to the right and front. Connect another quarter circle tile onto the front left open stud of the jumper plates, in front of the ppp, with the straight edges to the back and left.

Step 96.1

Find a dark brown 2x4 plate with a dark brown 1x2 plate with 3 claws on the long side attached to it. Place the dark brown claw to the side until the next step and set the 2x4 plate horizontally on the table. Find a reddish brown 1x4 plate and connect it horizontally to the back row of the 2x4 plate.

Step 96.2

Connect the plate of the dark brown claw onto the middle two studs of the front row of the 2x4 plate, with the claws facing forward.

Step 96.3

Find a tan 1x2 rounded plate with open studs and two dark brown 1x2 curved slopes. Connect the 1x2 rounded plate to the two middle studs of the back row of the assembly. Connect one curved slope to the column on the left of the ppp so that it curves forwards and down. Symmetrically, connect the other curved slope to the right column of the assembly so that it curves forwards and down.

Step 96.4

Find a reddish brown 1x2 plate with 3 claws on the long side and connect its plate onto the 1x2 rounded plate in the middle of the back row of the assembly with the claws forward so that they cover the two studs of the dark brown claw piece underneath.

Step 96.5

Connect the 2x4 plate of this assembly onto the 5th and 6th rows of the 7th through 10th columns of the base with the claws in front.

Step 97.1

It's time to give the monster some eyes! Find two reddish brown 1x2 plates each with a single stud and a perpendicular pin hole and place them on the table to form a horizontal 1x4 plate with the two studs in the center and with pin holes on the left and right.

Step 97.2

Find a reddish brown 1x2 plate with 1x2 upright side studs. Connect it horizontally onto the two center studs of the ppps with the side studs at the front.

Step 97.3

Find two red half pins with friction ridges each with an open stud. Insert the pins with the studs in front, from the front into the pin holes of the assembly.

Step 97.4

Find 2 reddish brown 1x1 half cylinder tiles. Connect these onto the middle two studs of the assembly so that the cylinders each run vertically.

Step 97.5

Finally, find four black 1x1 round tiles with white circles to look like cartoon eyes and connect them onto the studs on the front face of the assembly.

Step 97.6

Now rotate the 12x16 base 180 degrees on the table so that the unbroken line of side claws is on the left. Connect the 1x4 eye assembly with the eyes facing forward onto the 6th studs of the 7th through 10th columns of the base so that it butts up at the back against the claw assembly from step 96.

Step 98

Find two dark brown 1x1 quarter circle tiles and two reddish brown 2x2 round corner plates. Connect a 2x2 round corner plate oriented with the round corner at the front left onto the 4th and 5th studs of the 6th column and the 4th stud of the 7th column of the 12x16 base. Connect a quarter circle tile to the right of the ppp onto the 4th stud of the 8th column of the base with the straight edges at the front and left. Connect the second quarter circle tile to the right of the ppp onto the 4th stud of the 9th column of the base with the straight edges at the front and right. Finally, connect the second 2x2 round corner plate oriented with the round corner at the front right to the right of the ppp onto the 4th stud of the 10th column and the 4th and 5th studs of the 11th column of the 12x16 base.

Step 99

Find two reddish brown 2x2 round corner tiles and two dark brown 1x1 quarter circle tiles. Connect a 2x2 round corner tile oriented with the round corner at the front left onto the stud in the 3rd row of the 7th column and the stud in the 2nd row of the 8th column of the 12x16 base. Connect a quarter circle tile to the stud in the 3rd row of the 8th column with the straight edges at the back and right so that the curved edge fits snug against the inner curve of the ppp. Connect the second 2x2 round corner tile oriented with the round corner at the front right onto the stud in the 2nd row of the 9th column and the stud in the 3rd row of the 10th column of the 12x16 base. Connect a quarter circle tile to the stud in the 3rd row of the 9th column with the straight edges at the back and left so that the curved edge fits snug against the inner curve of the ppp.

Step 100.1

Find four reddish brown 2x2 round corner plates, a dark brown 1x1 quarter circle tile, and a reddish brown 1x1 tile with a clip on top. Connect a 2x2 round corner plate oriented with the round corner at the back right onto the 3rd stud of the 4th column and the 2nd and 3rd studs of the 5th column of the 12x16 base. Connect a 2x2 round corner plate oriented with the round corner at the front left onto the 3rd and 4th studs of the 2nd column and the 3rd stud of the 3rd column of the base, to the left of the ppp and so that the square inner corner of the plate butts up against the front left corner of the 'Monsters' 2x6 plate. Now, connect the quarter circle tile onto the 5th stud of the 2nd column of the base behind the left side of the ppp, with the straight edges at the front and right.

Step 100.2

Symmetrically, except for replacing the quarter circle tile with the 1x1 tile with a clip on top, connect a 2x2 round corner plate oriented with the round corner at the back left onto the 2nd and 3rd studs of the 12th column and the 3rd stud of the 13th column of the base. Connect a 2x2 round corner plate oriented with the round corner at the front right onto the 3rd stud of the 14th column and the 3rd and 4th studs of the 15th column of the base, to the right of the ppp and so that the square inner corner of the plate butts up against the front right corner of the 'Monster Book' 2x6 plate. Now, connect the 1x1 tile with a clip on top with the hand facing left and right onto the 5th stud of the 15th column of the base behind the right side of the ppp.

Step 101

Find two reddish brown 2x2 round corner tiles. Connect a 2x2 round corner tile oriented with the round corner at the back right onto the 2nd stud of the 6th column and the 1st stud of the 7th column of the base. Symmetrically, connect the other 2x2 round corner tile oriented with the round corner at the back left onto the 1st stud of the 10th column and the 2nd stud of the 11th column of the base.

Step 102.1

Find a dark tan 1x2 plate with 3 teeth on the long side, two dark brown 1x1 plates each with a tooth, and a reddish brown 2x2 round corner plate. Place the 1x2 plate vertically on the table with the teeth on the right. Orient a round corner plate with the round corner at the back right and connect its front anti-stud onto the back stud of the plate with teeth.

Step 102.2

Orient the other round corner plate with the round corner at the front right and connect its back anti-stud onto the front stud of the plate with teeth so that the two round corner plates form the right half of a rounded square.

Step 102.3

Connect one of the 1x1 plates, with the tooth on the right, from below onto the anti-stud of the round corner of the ppp. Symmetrically, connect the other 1x1 plate, with the tooth on the right, from below onto the anti-stud of the round corner at the back of the assembly so that you have a column of teeth at the right of the assembly with the front and back teeth being larger than the three middle teeth. Connect the two left anti-studs of this assembly onto the 5th and 8th studs of the 16th column of the 12x16 base so that the teeth fill in the gap between the claws that protrude to the right of the base, protruding slightly further than the claws.

Step 103

Find two reddish brown 3L cattle horns and two reddish brown spines. Clip the bar of one cattle horn into the clip on the 7th stud of the 2nd column of the base with the horn pointing forward. Clip the bar of the other cattle horn into the clip on the 5th stud of the 15th column of the base with the horn pointing backward. Now clip the bar of one spine into the clip at the 8th row of the space between the 5th and 6th columns of the base, so that the spine curves forward in the shape of an 's'. Symmetrically, clip the bar of the other spine into the clip at the 8th row of the space between the 11th and 12th columns of the base, so that the spine curves forward in the shape of an inverted 's'.

Step 104

It's time to put this front cover onto the book! Place the book frame you set aside earlier vertically on the table with the hinge on the left so that it opens like a book. Rotate the 12x16 base 90 degrees counterclockwise so that the eyes are looking to the right and the text is right side up. Connect the anti-studs of the plates that stick out from underneath the left side of the base onto the 6th and 7th studs and the 10th and 11th studs on the top of the left column of the frame so that the anti-studs of the plates that stick out from underneath the right side of the base connect onto the 6th and 7th studs and the 10th and 11th studs on the top of the right column of the frame. The base should now be secure atop the frame.

Group 14

Step 105

Find two reddish brown 1x8 plates with rails on the long side, one of which will have 4 dark brown claw pieces attached. Set these dark brown claw pieces aside so that you can distinguish them from the reddish brown claw pieces in future steps. Connect one vertically, with the rail on the left, from above onto the 2nd through 9th rows (note that there is no stud on the 1st row) of the 1st column of the top face of

the book so that it forms a smooth edge with the hinge on the left and butts up against the previously placed assembly on the right. Connect the second 1x8 plate vertically, with the rail on the left, from above onto the 10th through 17th rows of the 1st column of the top face of the book behind the ppp.

Step 106.1

Now to add some texture, you'll be starting at the front left corner of the top face of the book and working backwards along the previously placed pieces. Find one of the dark brown 1x2 plates with 3 claws on the long side that you set aside. Connect its 1x2 plate from above with claws in front onto the 1st stud in the 1st and 2nd columns of the top face of the book. Note that the 1st studs are in the 2nd row, so the claws will cover the plate in the 1st row of the 1st and 2nd columns, in line with the row of claws along the front rows of the top face of the book.

Step 106.2

Find two reddish brown 2x2 round corner tiles. Place one behind the ppp so that it connects to the stud in the 3rd row of the 2nd column and the stud in the 4th row of the 1st column with the curve to the back right. Connect the second round corner tile behind the ppp so that it connects to the stud in the 5th row of the 1st column and the stud in the 6th row of the 2nd column with the curve to the front right.

Step 106.3

Find a reddish brown 2x6 plate rounded on two corners. Connect it behind the ppp, with the rounded corners on the left, so that it covers the 8th through 11th rows of the 1st column and the 7th through 12th rows of the 2nd column and is centered vertically.

Step 106.4

Find two more reddish brown 2x2 round corner tiles. Symmetrically to the previously placed round corner tiles, place one behind the ppp so that it connects to the stud in the 13th row of the 2nd column and the stud in the 14th row of the 1st column with the curve to the back right. Connect the second round corner tile behind the ppp so that it connects to the stud in the 15th row of the 1st column and the stud in the 16th row of the 2nd column with the curve to the front right.

Step 106.5

Finally, find a reddish brown 1x2 plate with 3 claws on the long side and connect its 1x2 plate from above with claws in front onto the 17th stud in the 1st and 2nd columns behind the ppp in line with the row of claws along the back rows of the top face of the book.

Step 107.1

Now to add claws along the right side of the top face of the book. Find a dark brown 1x1 plate with tooth and a reddish brown 1x2 plate with 3 claws on the long side. With the claws forward, connect the right anti-stud of the claw piece onto the stud of the tooth piece with the tooth to the right.

Step 107.2

Find a light green 1x8 plate and place it horizontally on the table. With the claws forward, connect the left anti-stud of the claw and tooth assembly onto the right stud of the plate.

Step 107.3

Find three more reddish brown claw pieces. Connect one to the left of the ppp with claws forward. Now connect one of the dark brown claw pieces you set aside to the left of the ppp with claws forward. Connect another reddish brown claw to the left of the ppp with claws forward. Connect the next reddish brown claw to the left of the ppp onto the leftmost of the plate with claws forward.

Step 107.4

Find a second light green 1x8 plate and place it horizontally to the left of the assembly. Connect the left anti-stud of the leftmost claw piece of the ppp onto the rightmost stud of the new plate, extending the original plate leftwards.

Step 107.5

Connect one of the dark brown claw pieces you set aside to the left of the previously placed claw piece with claws forward. Connect a reddish brown claw to the left of the ppp with claws forward. Connect the last of the dark brown claws you set aside to the left of the ppp with claws forward.

Step 107.6

To complete the symmetry with the right end of the assembly, find a dark brown 1x1 plate with tooth and a reddish brown 1x2 plate with 3 claws on the long side. With the claws forward, connect the left anti-stud of the claw piece onto the stud of the tooth piece with the tooth to the left. Connect the right anti-stud of this assembly onto the leftmost stud of the 1x8 plate with claws forward to complete the row of nine claw pieces.

Step 107.7

Rotate the book 90 degrees clockwise so that the hinge is at the back. Connect the row of claw pieces from above onto the 1st row of studs on the top face of the book so that it is centered horizontally and level with columns of claws on the left and right sides of the top face of the book.

Step 108

Now let's give this monster book a tongue! Find a dark red 2x1 right wedge plate and a dark red 2x1 left wedge plate and a red 1x2 plate with 2 clips on the long side. Place the 1x2 plate horizontally with the clips at the back. Connect the right wedge plate onto the right stud of the 1x2 plate with the point pointing forward on the right edge. Connect the left wedge plate onto the left stud of the 1x2 plate with the point pointing forward on the left edge forming a forked tongue. Snap the clips onto the bar on the front face of the book in the 4th and 5th rows.

Step 109.1

Now let's add some spiky claws to make the monster more frightening. Find twelve dark beige 2L bar holders with handles and twelve dark tan 2L claws. Insert the bar ends of the claws into the bar holders to form twelve claws with handles. Attach the handle of one of these claw assemblies to the clip that protrudes from beneath the tongue to the left at the 3rd column and one to the clip that protrudes from beneath the tongue to the right at the 6th column. Attach a handle to the clip that protrudes above the tongue to the left at the 3rd column. Symmetrically to these first three claws, attach a handle of one claw to the clip that protrudes from the bottom row of the front face of the book at the 13th column and one to the clip that protrudes from the bottom row of the front face of the book at the 16th column. Attach another handle to the clip that protrudes from the top row of the front face of the book at the 16th column.

Step 109.2

Around the corner from the ppp, attach a handle to the clip at the top front corner of the right face of the book. Skip a row behind the ppp and attach a handle to the clip in the 3rd row at the top of the right face of the book. Attach a handle to the clip beneath the ppp at the bottom of the right face of the book.

Step 109.3

Symmetrically to these last three claws, attach a handle to the clip at the top front corner of the left face of the book. Skip a row behind the ppp and attach a handle to the clip in the 3rd row at the top of the left face of the book. Attach a handle to the clip beneath the ppp at the bottom of the left face of the book.

Remember, this book is a monster, so handle it with care!

Bag 4 Group 15

Step 110.1

You're now going to give this monster some white teeth and pink gums. Find a tan 1x6 plate and place it horizontally on the table. Find two tan 1x2 hinge bases with upright 1x2 side plates on the long edge. Connect one horizontally with side plate at the back onto the 2nd and 3rd studs of the 1x6 plate, and the other to the right of the ppp with the side plate at the back onto the 4th and 5th studs of the 1x6 plate.

Step 110.2

Find two tan 1x1 slope tiles. Connect one to the right of the ppp so that it slopes down to the right. Connect the other onto the 1st stud of the 1x6 plate so that it slopes down to the left.

Step 110.3

Find two tan 2x2 hinge plates with open studs. Push the hinges of these hinge plates down onto the hinge bases.

Step 110.4

Push both hinge plates down so that their front edges touch the table forming an angled 2x4 hinge plate.

Step 110.5

Find a white 1x2 plate with 3 claws on the long side. Connect the anti-studs of the claw piece onto the middle two studs of the top row of the 2x4 hinge plate with the claws pointing upwards to the back.

Step 110.6

Find two white 1x1 plates each with a tooth. Connect one to the right of the ppp onto the top right stud of the 2x4 hinge plate with the tooth pointing upwards to the back. Connect the other onto the top left stud of the 2x4 hinge plate with the tooth pointing upwards to the back.

Step 110.7

Find two dark pink 2x2 curved slopes. Connect one onto the left half of the studs and the other onto the right half of the studs with the slopes sloping downwards to the front. These are the bottom teeth, so connect the anti-studs on the bottom of this assembly with the teeth pointing upwards to the front (the undersides of the teeth will be on top) from the front onto the row of 6 exposed studs in the middle of the bottom jaw of the front face of the book, to the right of the forked tongue.

Now for the top teeth, repeat steps 110.1. through 110.4. as follows:

Step 111.1

Find a tan 1x6 plate with two 1x1 slope tiles attached. These sloped tiles are dark pink so set them aside to distinguish them from the tan 1x1 slopes you will also be using. Place the 1x6 plate horizontally on the table. Find two tan 1x2 hinge bases with upright 1x2 side plates on the long edge. Connect one horizontally with side plate at the back onto the 2nd and 3rd studs of the 1x6 plate, and the other to the right of the ppp with the side plate at the back onto the 4th and 5th studs of the 1x6 plate.

Step 111.2

Find two tan 1x1 slope tiles. Connect one to the right of the ppp so that it slopes down to the right. Connect the other onto the 1st stud of the 1x6 plate so that it slopes down to the left.

Step 111.3

Find two tan 2x2 hinge plates with open studs. Push the hinges of these hinge plates down onto the hinge bases.

Step 111.4

Push both hinge plates down so that their front edges touch the table forming an angled 2x4 hinge plate.

Step 111.5

Find two white 1x2 plates with 3 claws on the long sides. Connect the anti-studs of one claw piece onto the two left studs of the top row of the 2x4 hinge plate with the claws pointing upwards to the back. Connect the anti-studs of the other claw piece to the right of the ppp onto the two right studs of the top row of the 2x4 hinge plate with the claws pointing upwards to the back.

Step 111.6

Find a dark pink 2x2 curved slope. Connect it onto the middle two columns of studs with the slope sloping downwards to the front.

Step 111.7

Find the two dark pink 1x1 slope tiles you set aside and two dark pink 1x1 quarter round tiles. Connect a 1x1 slope tile onto the bottom left stud of the 2x4 hinge plate to the left of the ppp so that it slopes down to the front. Connect a quarter round tile above the ppp so that its curve is at the top left and its straight edges but up against the ppp and the curved slope. Symmetrically, connect the second 1x1 slope tile onto the bottom right stud of the 2x4 hinge plate so that it slopes down to the front. Connect a quarter round tile above the ppp so that its curve is at the top right and its straight edges but up against the ppp and the curved slope. These are the top teeth, so connect the anti-studs on the bottom of this assembly with the teeth pointing downwards to the front from the front onto the row of 6 exposed studs in the middle of the top jaw of the front face of the book, above the bottom teeth.

Step 112

For a final frightening touch to the monster's appearance, let's add a curved claw to either side of the top teeth. Find two dark tan cylindrical 90-degree elbows (these resemble elbow macaroni), two dark tan 2L claws, and four dark tan 1x1 round plates with open studs. Connect the open studs of the 1x1 round

plates into the open ends of the elbows. Fit the bar end of a claw into one of the open studs of each elbow. Connect the other open stud of one elbow from the front onto the protruding bar to the left of the upper teeth and connect the other elbow onto the protruding bar to the right of the upper teeth.

Step 113

Now let's give this monster book some mechanical action and some wheels! Find the grey 6x3x5 pullback motor and two blue 3L pins with friction ridges. Place the motor horizontally on the table so that the integrated 2L lift-arm is on top to the left and the integrated 5L lift-arm is on the bottom. Push a 3L pin, with the stop ring at the back, from the back into the rightmost pin hole of the 5L lift-arm, so that it extends 1L to the front and 1L to the back of the lift-arm. In the same way, push the second 3L pin from the back into the hole to the left of the ppp.

Step 114

Find a white 5x3 L-shaped thick lift-arm and orient it like a backwards capital letter 'L'. Push the two left holes of the short arm of the L from the front onto the two previously placed pins that extend forwards of the 5L lift-arm on the bottom of the motor. The long arm of the L shaped lift-arm should be upright along the right face of the motor.

Step 115

Find a grey axle and pin connector with two 1L axle connectors on opposite sides, and a perpendicular pin hole between them. Place this piece in front of you, with the axle connectors at the left and right and the pin hole facing forwards. Find a blue pin hole with a perpendicular axle and push the axle, with its pin hole facing up, from the right into the right axle connector.

Step 116

Find a red 6L axle and push it from the left into the left axle connector.

Step 117

Find a black 2L pin with friction ridges and a lime green 3x2 T-shaped thick lift-arm, with an axle-hole parallel to its long axis. Place the T-shaped lift-arm horizontally on the table with the axle hole on top. Push the pin from the back into the rightmost pin hole of the lift-arm. Now slide the axle of the assembly from the last step, with the rightmost pin hole facing up, from the right into the axle hole on top of the T-shaped lift-arm until the axle connector hits the axle hole.

Step 118

Find a white round 2L pin joiner with a slot and slide it, slot up, from the left onto the axle of the assembly. It will be loose. Then find a black bushing and slide it from the left onto the axle of the assembly so that it pushes the ppp against the axle hole of the T-shaped lift-arm.

Group 16

Step 119

Find a grey axle and pin connector with two 1L axle connectors on opposite sides, and a perpendicular pin hole between them. Place this piece in front of you, with the axle connectors at the left and right and the pin hole facing forwards. Find a red pin hole with a perpendicular axle and push the axle, with its pin

hole facing up, from the left into the left axle connector. Now slide this assembly from the left onto the remaining 1L of axle from the previous assembly.

Step 120

Find a grey 2L pin and push it from the front into the middle pin hole of the T-shaped lift-arm at the bottom of the assembly.

Step 121

Find a grey gear ring, this is like a thick pin hole with gear teeth on one end. Push it with the gears at the front, from the front, onto the previously placed pin.

Step 122

Now push the pin that protrudes from the back of this assembly, from the front, into the corner pin hole of the L shaped lift-arm attached to the motor.

Step 123.1

Find a black 8L axle, an orange 3L pin/bushing combo, and a dark pink thin bushing. Holding the axle vertically, slide the bushing of the pin/bushing combo from the front onto the axle.

Step 123.2

Now slide the thin bushing from the back onto the back of the axle all the way forward until it butts up against the ppp. Push this axle assembly with the pin/bushing combo at the front, from the front into the pin hole on the motor assembly that is 3L from the right end of the assembly and runs vertically.

Step 124

Rotate the motor assembly 180 degrees on the table. Find a lime green 1L thick lift-arm (which is a hollow cylinder) and slide it from the front onto the axle of the ppp which now extends forwards on the left of the motor assembly, all the way back until it hits a stop.

Step 125

Find a black technic cam. This piece is egg-shaped with a technic axle hole at the narrow end and three $\frac{1}{2}$ axle holes running from the middle to the wide end. Orient the cam with the narrow end to the left and slide the left $\frac{1}{2}$ axle hole, which is in the middle of the cam, onto the axle of the motor assembly. Push the cam all the way back until it hits the ppp.

Group 17

Step 126

You're now going to build out the front of the motor assembly to be symmetrical to the back. Find a white technic cam the same shape as the black cam from the last step. Orient this cam with the narrow end to the left and slide the left $\frac{1}{2}$ axle hole, which is in the middle of the cam, onto the axle of the motor assembly. Push the cam all the way back until it hits the previously placed cam, forming a 1L thick cam.

Step 127

Find a white 5x3 L-shaped thick lift-arm and orient it like a backwards capital letter 'L'. Push the two left holes of the short arm of the L from the front onto the two pins that extend forwards from the 5L lift-arm on

the bottom of the motor. The long arm of the L shaped lift-arm should be upright along the left face of the motor.

Step 128

Find a grey axle and pin connector with two 1L axle connectors on opposite sides, and a perpendicular pin hole between them. Place this piece in front of you, with the axle connectors at the left and right and the pin hole facing forwards. Find a blue pin hole with a perpendicular axle and push the axle, with its pin hole facing up, from the left into the left axle connector.

Step 129

Find a red 6L axle and push it from the right into the right axle connector.

Step 130

Find a black 2L pin with friction ridges and a lime green 3x2 T-shaped thick lift-arm, with an axle-hole parallel to its long axis. Place the T-shaped lift-arm horizontally on the table with the axle hole on top. Push the pin from the back into the leftmost pin hole of the lift-arm. Now slide the axle of the assembly from the last step, with the leftmost pin hole facing up, from the left into the axle hole on top of the T-shaped lift-arm until the axle connector hits the axle hole.

Step 131

Find a white round 2L pin joiner with a slot and slide it, slot up, from the right onto the axle of the assembly. It will be loose. Then find a black bushing and slide it from the right onto the axle of the assembly so that it pushes the pin against the axle hole of the T-shaped lift-arm.

Group 18

Step 132

Find a grey axle and pin connector with two 1L axle connectors on opposite sides, and a perpendicular pin hole between them. Place this piece in front of you, with the axle connectors at the left and right and the pin hole facing forwards. Find a red pin hole with a perpendicular axle and push the axle, with its pin hole facing up, from the right into the right axle connector. Now slide this assembly from the right onto the remaining 1L of axle from the previous assembly.

Step 133

Find a grey 2L pin and push it from the front into the middle pin hole of the T-shaped lift-arm at the bottom of the assembly.

Step 134

Find a grey gear ring, this is like a thick pin hole with gear teeth on one end. Push it with the gears at the front, from the front, onto the previously placed pin.

Step 135.1

Find a lime green 1L thick lift-arm (which is a hollow cylinder) and slide it from the front onto the axle which extends forwards on the left of the motor assembly, all the way back until it hits a stop.

Step 135.2

Now push the pin that protrudes from the back of the assembly with the gear ring from the previous step, from the front, into the corner pin hole of the L shaped lift-arm attached to the motor. While you do this, line up the axle that extends forwards on the left of the motor assembly so that it slides through the pin hole of the left axle and pin connector. For reference, this will be symmetrical to the back of the motor assembly.

Step 136

Find a dark pink thin bushing and slide it from the front onto the axle that extends forwards on the left of the motor assembly. Push it back until it butts up against the ppp. Now find an orange 3L pin/bushing combo and slide the bushing from the front onto the axle until it butts up against the ppp.

Step 137

Find two black 2L pins with friction ridges. Push these pins down into the two upward facing pin holes on the left edge of the motor assembly.

Step 138.1

Find a black 8L axle and hold it vertically. Find a yellow straight axle connector and slide it from the front onto the front 1L of the axle.

Step 138.2

Find a dark pink thin bushing and slide it from the back onto the back of the axle. Push it all the way forward until it touches the axle connector. Now push this axle with the axle connector at the back, from the front through the vertical pin hole 3L from the front right of the motor assembly and continuing through the axle hole at the bottom right of the motor and right through the vertical pin hole 3L from the back right of the motor assembly. You may need to adjust the horizontal axle assemblies in order to line up the pin holes and axle hole.

Step 139

Find a dark pink thin bushing and slide it from the back onto the axle of the ppp that extends to the back of the motor assembly. Push it forwards until it hits a stop. Now find a yellow straight axle connector and slide it from the back onto the back 1L of the axle so that it touches the ppp.

Step 140

Find two black tires and two white wheel rims with pin holes. Push the wheel rims into the tires then push one wheel from the front onto the 2L pin end of the pin/bushing combo that extends forwards at the front left of the motor assembly. Push the other wheel from the back onto the 2L pin end of the pin/bushing combo that extends backwards at the back left of the motor assembly.

Group 19

Step 141.1

Find two white 3L axle and pin combos and two lime green 1L thick lift-arms. Snap a 1L lift-arm onto the pin of each axle and pin combo.

Step 141.2

Find two black wheel rims with axle holes and slide one onto each axle of the axle and pin combos so that the hub cap side of the wheel rim butts up against the stop and the ppp.

Step 141.3

Find two black tires and push one wheel rim assembly into each tire. Then orient one of these wheel assemblies with the exposed 1L of axle in the inner rim facing backwards and slide this axle from the front into the axle connector that extends forwards at the front right of the motor assembly. Add the fourth wheel by orienting it with the exposed 1L of axle in the inner rim facing forwards and sliding it from the back into the axle connector that extends backwards at the back right of the motor assembly. You've built the motor assembly, so try it out! Pull the motor assembly to the right while applying downward pressure to keep the tires on the table, then release. Your motor assembly should propel itself to the left!

Step 142

Let's fit the motor assembly into the bottom frame of the book by first placing the book on the table with the top cover down and the hinge in front. Now flip the motor assembly upside down so that the end with the cams is at the back with the pins on either side of the cams pointing down. Lower the motor assembly snugly into the open frame of the bottom of the book so that the two downward pins of the motor assembly snap into the two upward facing pin holes on the front face of the back row of the book frame. You might want to open the hinge to lift the bottom half of the book so that you can brace the bottoms of the pin holes as you push in the pins.

Step 143

Find two orange 3L pin/bushing combo and insert them from above with the bushings on top into the upward facing pin holes on the back face of the front row of the book frame, opposite to the pin holes from the last step.

Step 144.1

Now let's make use of the cams to add the chomping action. Find a blue Technic ball, which is a sphere with an axle hole, and a yellow 3L axle. Position the axle horizontally and push the ball onto the left end of the axle.

Step 144.2

Find a blue pin hole with a perpendicular axle. Slide the pin hole with its axle to the back from the right onto the right side of the axle until it touches the ball.

Step 144.3

Find another blue Technic ball and slide it from the right onto the right side of the axle until it touches the ppp.

Step 144.4

Find a black axle and pin connector with a 90-degree angle. With one axle connector pointing forwards and the other pointing up, slide the forward pointing axle connector from the back onto the axle of the assembly.

Step 144.5

Find a second blue pin hole with perpendicular axle and insert it, axle down and pin hole horizontal, from above into the axle connector of the assembly.

Step 145

Flip the book over so that the wheels are on the table and the hinge is at the back. Open the mouth so that you can add the final pieces to the motor assembly inside the book. Position the assembly from the previous step so that the horizontal pin hole lines up with the pin holes at the top of the lift-arms on either side of the cams on the motor assembly to form a row of three pin holes. Find a 3L pin with a stop on one end and slide it with the stop to the right, from the right into the row of three pin holes. The assembly from the last step will now be able to rotate around this pin, moving up and down with the action of the cams.

Step 146

You did it! Close the book, pull it backwards while exerting light but firm pressure down on the wheels, then release to send the book chomping forwards!

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