

76429 Talking Sorting Hat

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Immerse yourself in a spellbinding build with this Hogwarts™ Talking Sorting Hat™ (76429), the first-ever LEGO® Harry Potter™ set with a sound brick to bring this display model to life. Tip the top of the hat or place it on your head to activate the voice of the Sorting Hat and find out which Hogwarts house it selects for you. Listen out for the Sorting Hat Song every now and then, too.

Place the hat on the stand, which features Gryffindor™, Slytherin™, Hufflepuff™ and Ravenclaw™ crest decorations. This unique LEGO set also includes a Harry Potter character minifigure wearing a Sorting Hat to complete a special display.

This buildable adventure movie-themed set makes a magical treat for yourself, a present for moms or dads who are into the Wizarding World and the best gift for other adult Harry Potter movie-lovers.

Adventure movie-themed gift for adults – Escape to the magical Wizarding World with this buildable Lego Harry Potter Hogwarts Talking Sorting Hat display model... which actually speaks!

Randomized sound brick (batteries included) – Tip the top of the hat or place it on your head to activate 1 of 31 randomized sounds and find out which Hogwarts house the hat selects for you.

Display stand with Harry Potter character minifigure – The display stand features Gryffindor, Slytherin, Hufflepuff and Ravenclaw crest decorations, and Harry wears a Sorting Hat element.

Dimensions – This 561-piece model measures over 9.5 inches (24 centimeters) high and 7.5 inches (19 centimeters) in diameter.

The front of the box shows the completed Sorting Hat model on a display stand and an exclusive Harry Potter minifigure which wears the Sorting Hat. The Sorting Hat is a battered brown witch's hat with a drooping peak and a brim showing multiple patches. The hat has a face formed from creases and folds and features a grumpy expression with downturned mouth and thick eyebrows. The display stand is a round black pedestal upon which the hat can be perched. Around the base are tiles showing the seals of the four Houses of Hogwarts. In front of the pedestal stands the Harry Potter minifigure, who has short legs and nondescript robes representing those seen at the beginning of the first movie when Harry has yet to be sorted. On his head sits the Sorting Hat, which is thinking hard about which house to put Harry in. Harry's eyes are shut as he wishes not to be put in Slytherin. The box's top panel shows a life-size picture of the minifigure which reveals that he has an alternate face print showing his relief and happiness at being sorted into Gryffindor. The rear of the box shows the Sorting Hat from a slightly different angle alongside a wireframe schematic that proclaims the hat to be 19 centimeters (7.5 inches) wide and, when placed on the stand, 25 centimeters (9.5 inches) tall. Below, a panel shows that the hat's play feature can be activated by tilting the sorting hat's drooping peak down, which animates the mouth and eyes and activates an exclusive sound brick to play one of 31 sounds at random. To the side is a still frame from The Philosopher's Stone showing Harry wearing the Sorting Hat.

The build is 561 pieces in total spread across 7 bags and 134 steps and is aimed at builders ages 18+.

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

- In Front of/Front: towards you.
- Behind/Back: away from you.
- Up: towards the ceiling.
- Down: towards the floor.
- Stud: the bump on a LEGO brick. Example: A 2x1 brick has two studs on it.
- Vertically: with the longest side going from front to back

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

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 [\[https://www.lego.com/en-us/service/building-instructions/76429\]](https://www.lego.com/en-us/service/building-instructions/76429): 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.

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 (3 groups of bricks)

Group 1 – Harry Potter minifigure, steps 1-5
 Group 2 – steps 6-10
 Group 3 – 11-14

Bag 2 (4 groups of bricks)

Group 1 – steps 1-7
 Group 2 – steps 8-15
 Group 3 – step 16
 Group 4 – steps 17-19

Bag 3 (4 groups of bricks)

Group 1 – steps 20-23
 Group 2 – steps 24-27
 Group 3 – steps 28-29 and red pieces for step 30
 Group 4 – green pieces for step 30 plus parts for steps 31-33

Bag 4 (4 groups of bricks)

Group 1 – steps 34-39 – please connect the 1x3 brown plates to assist in identification. Stacking is not recommended, as stacked plates can be hard to separate.
 Group 2 – steps 40-43 except two black 1x2 sloped tiles
 Group 3 – two black 1x2 sloped tiles for step 43 plus parts for steps 44-46. Please stack the gold 1x1 round plates in step 46 to distinguish them from the black 1x1 plates with open stud.
 Group 4 – pearl gold 1x1 round plates for step 46 plus parts for steps 47-51
 Group 5 – steps 52-56

Bag 5 (3 groups of bricks)

Group 1 – steps 57-61

Group 2 – steps 62-66

Group 3 – steps 67-73

Bag 6 (3 groups of bricks)

Group 1 – steps 74-79 plus a brown 1x1 technic brick with axle hole for step 80

Group 2 – steps 80-86

Group 3 – steps 87-95

Bag 7 (4 groups of bricks)

Group 1 – steps 96-100

Group 2 – steps 101-105

Group 3 – steps 106-111 – please put the trans-blue 1x1 round tile on the stud of the light grey 1x2 half-round jumper tile.

Group 4 – steps 112-119

The print instructions begin with a short introduction given by the set designer: “Your sorting ceremony will begin shortly: Do you belong in Gryffindor, Hufflepuff, Ravenclaw or Slytherin? In a few moments, you will turn the page and start the process of building your Lego Sorting Hat, after which you may be properly sorted into your Hogwarts house. Prepare to uncover some of the inner workings, hidden secrets and magical enchantments of this ancient object while you build. Tip the top of the hat or activate it by placing it on your head (you may also help a fellow witch or wizard complete this step) and discover the spells that make the hat come alive with curious moves and reflective expressions. PS: if at any point the Sorting Hat should break into song, please feel free to sing along. – George Gilliatt, Lego Designer.”

The following page gives some background on the Sorting Hat's place in the wizarding world:

- “In the early years, Hogwarts founders Godric Gryffindor, Helga Hufflepuff, Rowena Ravenclaw and Salazar Slytherin would sort students into houses to match each house's respective values.”
- “The Sorting Hat was sewn 1000 years ago for Godric Gryffindor. The four Hogwarts founders later decided to enchant the hat with their combined knowledge so that students could still be sorted long after they were gone.”
- “If the Sorting Hat takes longer than five minutes to sort someone, that student is known as a ‘Hatstall’. Professor Minerva McGonagall was a famous Hatstall, as the Sorting Hat took five minutes to decide whether she should be placed in Gryffindor or Ravenclaw.”
- “Every year, the Sorting Hat sings a new song to introduce its role to the first-year students before the Sorting ceremony begins. If you're lucky, you may hear one of its songs from this Lego brick version.”
- “When the time came to sort Harry Potter in his first year, the Sorting Hat took a while to decide. The hat ultimately chose Gryffindor but remarked the following year that he would have done well in Slytherin!”
- “The Sorting Hat possesses the power to allow any worthy Gryffindor student to conjure the Sword of Gryffindor. We know it was conjured in this way on at least two occasions: once by Harry Potter in the Chamber of Secrets and once by Neville Longbottom at the Battle of Hogwarts.”
- “The first ever Lego Harry Potter set, released in 2001, was 4701 The Sorting Hat. The set included a disc that builders could spin to sort themselves. Now you can sort yourself with the aid of a brand-new electronic sound brick element!”

Bag 1 contains the parts necessary to construct the Harry Potter minifigure and a stand for the hat. Let's begin by building the Harry Potter minifigure! Take the first group of parts and find the black short minifigure legs, the black minifigure torso, light nougat minifigure head, and brown sorting hat. 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, Harry's eyes are squeezed tightly shut as he waits for the Sorting Hat's judgement, while the other shows a smile of surprise and relief at the outcome. Orient the head with the eyes-closed expression facing

forward – you may wish to ask for assistance with this. Finally, place the Sorting Hat element on top of the head so that the tip of the hat tilts forward.

The Harry Potter minifigure shows the iconic protagonist as he appears at the start of *The Philosopher's Stone*, with short legs to indicate his youth and plain black robes – after all, he hasn't been sorted into a house yet, so he has no house colors! Under his robes he wears a dark grey jersey and a white shirt with a black tie. Upon the tie is a tiny gold badge shaped like the crest of Hogwarts. Both of Harry's faces feature his lightning scar and black round glasses.

The rest of the pieces in the first bag will be used to build a display stand.

Start Building

Step 1

Take a black 8x8 plate and a pearl gold 2x2 plate and place the 2x2 plate in the middle of the 8x8 plate, four rows in from the front and four columns in from the right.

Step 2

Collect the stack of four 2x2 bricks, which consists of a red brick at the bottom, a yellow brick above the red, a blue brick above the yellow, and a green brick on top. They have been arranged in this way to help with their placement in this step. Take the green brick from the top of the stack and place it to the left of the 2x2 plate placed previously, then put the blue brick behind the 2x2 plate. Connect the yellow brick to the right of the 2x2 plate. Finally, add the red 2x2 brick in front of the 2x2 plate. The bricks are in the signature colors of the Hogwarts houses: red for Gryffindor at the front, yellow for Hufflepuff to the right, green for Slytherin to the left, and blue for Ravenclaw at the back. The bricks will be covered up soon, so this detail is for you alone to enjoy!

Step 3

Gather four black 6x6 round corner slopes – these parts have a 6x6 footprint and a sloped face that arcs round to form a quarter circle. It also has a stepped cutaway. Orient a corner slope with the cutaway in the back left corner, then place it so its left column sits on the right column in front of the red brick at the front. The rear stud of the corner slope should sit to the right of the yellow brick in the middle right. Add the other corner slopes symmetrically at the back right and left and at the front left of the base so that their curved edges come together to form a full circle.

Step 4

Locate four black 3x6 half-circle plates. Take one and orient it horizontally with the curved face in front. Center it horizontally at the front of the model then connect its rear two rows under the corner slopes that meet there – its rear edge should meet the front edge of the 8x8 plate. Place the remaining plates symmetrically at the right, left and rear of the model.

Step 5

The last pieces in the first group are four black 2x3 plates. Orient one vertically and put it on top of the 2x2 brick in the front middle of the build so its front row connects to the front row of the corner slopes. The plate should not overhang behind the 2x2 brick. Place the other plates symmetrically at the right, left and rear.

Step 6

Bring the second group of pieces and find four black 2x2 bricks. Place the first on the back two rows of the front 2x3 plate placed previously, then put the rest of the bricks symmetrically on the other three 2x3 plates.

Step 7

Next, collect four black 2x2 facet bricks and four pearl gold 2x2 round corner tiles. The facet bricks are similar to 2x2 corner bricks, but the outside corner is cut at a 45-degree angle so that the brick has only two studs on top. Use them to make four identical parts:

Step 7.1

Orient a brick with its cut corner in the back left, then take a corner tile and orient it with its flat edges facing front and right respectively. Place the tile on top of the facet brick.

Step 7.2

Repeat the previous step three times to obtain four parts. Place the first part behind the left 2x2 brick, then add the rest symmetrically to the back right, front right and front left corners.

Step 8

Get the black 6x6 round plate and put it on top of the build so it is horizontally and vertically centered. It should cover the hole in the middle of the assembly.

Step 9

Find four pearl gold 1x1 round plates. Put one on the rightmost stud of the second row from the front of the 6x6 round plate, then put a second at the left end of the same row. Place the other two plates on the left and right studs of the second row from back of the plate. Taken together, the studs sit at the corners of a 4x4 square.

Step 10

The remaining pieces of the second group should be four black 2x2x3 slope bricks. Orient the first with the sloped face in front and place it on the front two rows between the front pair of 1x1 round plates placed previously. Connect the other slopes symmetrically to the left, right and rear of the 6x6 round plate.

Step 11

Retrieve the third and final group of bricks for bag 1 and obtain four black 1x2 hinge brick bases, four black 2x2 hinge brick top plates, a red 2x2 tile decorated with the crest of Gryffindor, a green 2x2 tile decorated with the crest of Slytherin, a dark azure 2x2 tile decorated with the crest of Ravenclaw, and a yellow 2x2 tile decorated with the crest of Hufflepuff. We will use these pieces to create four parts to place around the display stand:

Step 11.1

Take a hinge brick base and orient it horizontally with the flat wall in the rear and hold a hinge top plate with the bumpy part of the underside horizontal in the front. Connect the two parts of the hinge by pressing the protrusion under the top plate into the gap in the base brick. Then, put the red 2x2 tile decorated with the crest of Gryffindor on the top plate. The crest shows a lion rampant, depicted in profile on its hind legs with forepaws raised, rendered in bronze against a patterned background of red and dark red squares. Next, swing the hinge plate up and forward so that the crest faces you and place in front of the front slope brick placed previously.

Step 11.2

Collect a hinge brick base and top plate and combine them as in the previous step. Put the yellow 2x2 tile decorated with the crest of Hufflepuff on the top plate, then swing the plate up so the crest faces toward you. The crest of Hufflepuff is a silver badger on a yellow and bright light orange pattern of squares. The badger is stood on its hind legs with its forepaws raised while it looks over its shoulder to the right. Reorient the part so the crest faces right and put it to the right of the right slope brick.

Step 11.3

Use a hinge brick base and top plate as before to create a third hinge, then take the dark azure 2x2 tile decorated with the crest of Ravenclaw and put it on the hinge top plate. Swing the top plate up so the crest faces you. The crest of Ravenclaw is a raven in flight cast in copper against a background of dark azure and blue squares, its wings spread and talons outstretched. Turn the part so the crest faces away from you and connect it behind the rear slope brick.

Step 11.4

Make another hinge using a hinge brick base and top plate as in the previous steps, then place the bright green 2x2 tile with the crest of Slytherin on the top plate. Tilt the top plate up so the crest faces you. The crest of Slytherin is a silver serpent on a background of bright and dark green squares. Its tail is coiled and its head raised, its tongue flicking out menacingly. Now turn the part so the crest faces left and connect it to the left of the left slope brick.

Well done, the display stand is nearly complete! The crests surrounding the stand add a much-needed pop of color and remind us of the purpose of the Sorting Hat: to choose a house for every student of Hogwarts.

Step 12

Let's continue by finding four black 2x2 facet bricks. Orient one with its cut corner in the rear left and place it over the rear left corner at the top of the slope bricks – the studs should connect to the rear and left slope bricks. Place the other facet bricks symmetrically in the other three corners.

Step 13

Take a black modified 4x4 plate with 2x2 open center and put it on top of the previously placed facet bricks. The hole in the plate should align with the gap in the middle of the build.

Step 14

The final pieces of the third group, and of bag 1, are four pearl gold 1x2 jumper plates and two 1x2 ingot elements. Orient the jumpers horizontally and place two on the front row of the modified 4x4 placed previously, then place the other two on the back row. Put the ingots vertically on the studs on the left and right of the central hole.

You have reached the end of the first bag and have completed the display stand. Set it aside – we will not need it again until the end! Next, we can start on the sorting hat itself.

Step 1

Open bag 2 and take out the first group of parts. Collect a black 4x8 plate and orient it horizontally.

Step 2

Take two brown 2x3 bricks and orient them vertically. Place one three columns in from the left end of the plate so its front aligns with the front of the plate, then place the second brick to the right.

Step 3

Find two black 1x3x2 arches and orient them vertically overhanging to the rear. Place the first arch on the rear row of the plate four studs in from the left, then add the second to the right.

Step 4

Locate a pearl gold 2x2 plate and connect its back row to the front studs of the pair of arches placed previously, locking the arches and 2x3 bricks together.

Step 5

Retrieve two black 1x2x1 inverted slope bricks and two pearl gold 1x1 round plates. Make a pair of parts: hold a slope vertically overhanging to the rear and put a round plate on the rear stud. Add them on either side of the arches so they overhang to the rear of the assembly.

Step 6

Get two more black 1x2x1 inverted slopes and two more black 1x3x2 arches. Orient the parts vertically overhanging to the rear. Navigate to the right inverted slope placed previously, then put a

1x3x2 arch to the right followed by an inverted slope. Add the other slope and arch to the left side of the build symmetrically.

Step 7

The last two pieces in the group are two brown 2x3 bricks. Orient them horizontally. Place the first in front of the pieces placed previously at the right of the assembly – the brick should overhang to the right of the plate by one stud – then put the second symmetrically at the left.

Step 8

Bring the second group of pieces and extract two medium lavender 1x2 plates and a brown 2x2 curved slope. Stack the 1x2 plates horizontally and put them on the rear row of the 2x2 plate in the middle of the assembly. Then, orient the curved slope with the higher end in the rear and connect its back row to the front row of the same 2x2 plate.

Step 9

Take two brown 1x4 slope bricks and orient them vertically with their studs in the rear. Put them on either side of the parts placed previously.

Step 10

Find a medium lavender 1x2 plate and two medium nougat modified 1x2 plates with bar handle at one end. Orient the lavender 1x2 plate horizontally and connect it to the rear row of the central pair of arches. Then, orient the modified plates vertically with the handles in front and place them in front of the 1x2 plate. The bar handles should hang above the 2x2 curved slope.

Step 11

Next, take two black 4x4 corner plates and two purple 2x2 corner bricks. Use them to make two of the following part: orient a corner plate with the sloped edge on the front right, then place a corner brick in the back left corner so its studs form the Braille letter F. Add the first part to the model by connecting the front two studs on the left column of the part under the overhang of the 2x3 brick at the right side of the build. Then, place the second symmetrically at the assembly's left end.

Step 12

Bring the two brown 10x10 round corner slopes. These pieces have a stepped edge opposite the sloping curved surface. Orient one of the corner slopes with the stepped edge in the back left, then connect it to the right side of the assembly so that the front left right-angled corner sits in the corner formed between the horizontal 2x3 brick and the vertical 1x4 slope. Place the second corner slope symmetrically at the left end of the build. The round corner parts are great for creating the brim of the hat!

Step 13

Locate a black 2x6 double round corner plate and a brown 3x4 slope brick. Orient the plate horizontally with the flat edge in the back and hold the slope with the studs horizontal and in the rear. Center the slope horizontally on the plate and connect them so the back row of the slope sits on the back row of the plate – there should be one free stud on either side of the slope. Add the part to the main assembly by slotting it into the space between the round corner slopes placed previously. The front edge of the slope should align with the edges of the corner slopes.

Step 14

Take a brown 2x2 tile and two 2x2 corner tiles. Place the square tile so its front row sits on the middle two studs of the 3x4 slope placed previously. Then, orient a corner tile so its cutout is in the back left and place it to the right of the square tile. Put the other corner tile symmetrically to the left of the square tile.

Step 15

Turn the build 180 degrees so that the sloped surfaces face away from you. Then, collect the final two pieces of the group, which are two brown 2x3 bricks, and orient them vertically. Navigate to the front left corner of the build and move along the front edge of the curved slope, then follow it in to find a horizontal 1x2 of recessed studs. Connect the back row of a 2x3 brick to the indicated 1x2. Place the other brick symmetrically at the right end of the assembly.

Step 16

The third group contains only the parts for this step, which requires you to build two copies of a large part. The pieces you will need are: four brown 2x3 bricks, two black 4x8 plates, eight black 1x2 inverted slopes, and eight black 1x3x2 arches. Build the parts as follows:

Step 16.1

Orient a black 4x8 plate horizontally.

Step 16.2

Take two brown 2x3 bricks and orient them vertically. Place the first brick three columns in from the left so its front aligns with the front of the plate, then place the second to the right of the first.

Step 16.3

Orient a black 1x3x2 arch vertically and overhanging in the rear, then place it on the back row four studs in from the left. Put a second arch to the right of the first. Put a black 1x2 inverted slope vertically on either side of the arches so that they overhang to the rear of the plate.

Step 16.4

Put another arch piece to the right of the right inverted slope, again overhanging to the rear, then place another inverted slope on the rightmost stud of the row so the part overhangs to the rear. Add another arch and inverted slope symmetrically at the left end of the part.

Step 16.5

The parts are complete! To add the first part to the main model, begin by rotating it so the arches and slopes overhang to the right, then connect the horizontal 2x3 of studs at the back left of the part under the overhang of the bricks at the left side of the model. Connect the second part symmetrically to the right side of the model.

Step 17

Open the fourth group of bricks and find two more brown 2x3 bricks. Take one and orient it vertically. Locate the left part placed previously and navigate to the front. Place the brick to the left of the arch and inverted slope so the brick overhangs one row in front. Place the second brick symmetrically on the right side of the build.

Step 18

Gather two black 2x6 double round corner plates and two brown 3x4 slopes. Create two of the following part:

Step 18.1

Orient a plate horizontally with the flat edge in front, then orient a slope with the studs horizontally at the front. Center the slope on the plate and connect them so the slope overhangs the plate by one row in the rear.

Step 18.2

Reorient one of the parts so the slope's studs are vertical and lie to the left, then connect the rear stud of the plate under the right curved corner brick so the sloped faces align.

Step 18.3

Before placing the second part, we must apply a sticker to the slope. Take the sticker marked 2 and apply it horizontally to the sloped surface of the 3x4 slope. The sticker shows a dark brown patch, stitched on with dark tan string, suggesting age and disrepair. Once applied, reorient the part so the studs of the slope are vertical and lie to the right, then connect the rear stud of the plate under the left curved corner brick so the sloped faces align.

Step 19

The last parts of the group, and the bag, are two black 4x4 corner plates and two purple 2x2 corner bricks. Use them to make two of the following part: orient a corner plate with the sloped edge on the front right, then place a corner brick in the back left corner so its studs form the Braille letter F. To add the first part to the model, connect the right two studs of the back row under the overhang of the 2x3 brick at the front right of the model. Place the second part symmetrically to the left side of the build.

You have reached the end of the second bag. The third bag contains the pieces necessary to finish the brim and build more layers.

Step 20

Grab the first group of parts and extract two medium nougat bar holders with clip and two medium nougat tail ends. Before we place the parts, locate the bar handles in the middle of the build four studs back from the gap. Attach the clip end of a bar holder with clip to each handle and orient them so the bar holders are toward the back. Then, orient a tail end with the thick end facing you and the thin end curving away to the right and insert the bar at the thick end of the piece into the right bar holder. Add the second symmetrically to the left.

The medium nougat parts represent a band of string tied round the hat to separate the brim from the cone, with the tail ends acting as the loose ends of the string. We will later add more medium nougat parts to extend the loop of string.

Step 21

Gather the following elements: a black 4x8 plate, four brown 2x3 bricks, four black 1x3x2 arches, four black 1x2 inverted slopes, and two pearl gold 1x1 round plates. We will use them to build the missing section of the hat's brim.

Step 21.1

Lay the black 4x8 plate horizontally in front of you.

Step 21.2

Orient two brown 2x3 bricks vertically. Place the first three columns in from the left so the front row sits on the front row of the plate, then put the second brick to the right of the first.

Step 21.3

Take two black 1x3x2 arches and orient them vertically with the overhangs in the rear. Place one behind the left column of the right 2x3 brick and the other to the left of the first.

Step 21.4

Collect two black 1x2 inverted slopes and orient them vertically with the overhangs in the back. Place them on either side of the arches. Then, get the two pearl gold 1x1 round plates and put one on the rear stud of each inverted slope.

Step 21.5

Find two more arches and orient them vertically overhanging in the rear. Put the first to the right of the right inverted slope placed previously, then place the second to the left of the left inverted slope. Next, get the remaining two inverted slopes and hold them vertically overhanging in the rear. Put the first on the left stud of the back row and the second on the right stud of the same row.

Step 21.6

Take the last two brown 2x3 bricks and orient them horizontally. Connect the first two rows from the front to the right side of the part so the brick overhangs to the right by one row. Add the second symmetrically to the left side of the part.

Step 21.7

To add the part to the build, slot the part into the gap at the front of the main assembly between the 4x4 corner plates – the overhanging sections of the 2x3 bricks placed previously should connect to the front two studs of the inner columns of the plates.

Step 22

We have nearly finished the brim of the hat! Take two brown 10x10 round corner slopes and orient one so its curved edge forms the front right quarter of a circle. Place it so its left three columns sit in front of the right horizontal 2x3 brick which connects the part to the corner plate – the slope at the rear

of the part should align with the 3x4 slope to the rear. Place the second corner slope symmetrically on the left side of the build.

Step 23

There is only one gap left to fill in the brim. Collect the remaining parts of the first group, which are a black 2x6 double round corner plate and a brown 3x4 slope. Orient the plate with the flat edge in the rear and hold the slope with the studs horizontal in the back. Center the slope horizontally on the plate and connect the pieces so their rear edges align. Slot the part into the gap between the curved corner slopes from below so the sloped surfaces align to create one continuous sloping surface.

Step 24

Get the second group of parts and take out four brown 6x6 round corner slopes. Orient one so that the curved edge forms the front left quarter of a circle, then place it so its rightmost column sits in front of the leftmost vertical arch at the front of the hat. Add the second symmetrically to the rear left and the third to the rear right but hold onto the final corner slope for a moment. Orient it so its curved edge forms the front right quarter of a circle. Then, apply the sticker marked 1 to its curved surface. The sticker shows another dark brown patch, scratched and weathered, stitched to the hat with tan string. Place the curved corner slope at the front right of the build, symmetric with the other curved corner slopes.

Step 25

Locate three brown 3x4 slope bricks. Hold the first with the studs horizontal and in the back, then place it between the front pair of 6x6 round corner slopes placed previously so that their sloped surfaces align. Put the other two slopes in the gaps between the left and right pairs of corner bricks, again ensuring the sloped surfaces align.

Step 26

Obtain three brown 2x2 tiles and six brown 2x2 wedge plates with a cut corner. Take one tile and put it on the middle two columns in front of the front 3x4 slope placed previously. Orient a wedge plate so the studs form the Braille letter F and place it to the right of the tile, then add another symmetrically to the left. The remaining plates and tiles should be placed symmetrically on the left and right of the brim.

Step 27

Find a dark tan 1x1 quarter round tile and two dark tan 2x2 round corner tiles with stitch decoration. The corner tiles are printed with a pattern of tan stitches across a brown tear – yet more repairs made to the battered Sorting Hat. Locate the left stud of the front left wedge plate placed previously and navigate three columns left and one row back. Put the 1x1 tile here with the round edge in the back right. Next, orient a 2x2 tile so its flat edges are facing right and back respectively, and place it so that its right-facing flat edge meets the left edge of the 1x1 tile. Orient the second 2x2 tile with its flat edges facing front and left respectively and place it so its front-facing flat edge meets the back-facing flat edge of the first corner tile. The stitched tear snakes back across the left front corner of the hat, repaired but not forgotten.

Step 28

Set the main build to the side. Get the next group of pieces and gather the following parts: six black 1x10 plates, two black modified 4x4 plates with 2x2 open center, six medium lavender 1x2 plates, and eight 1x3 magenta plates. We will use them to construct a lattice to occupy the empty center of the hat. Proceed as follows:

Step 28.1

Take the modified 4x4 plate and place a 1x2 plate vertically and vertically centered on the left and right columns.

Step 28.2

Obtain two 1x10 plates and place them horizontally and horizontally centered on the front and back rows of the modified 4x4 plate.

Step 28.3

Collect two more 1x10 plates and orient them vertically, then vertically center them over the right and left columns of the modified 4x plate.

Step 28.4

Find two 1x2 plates and four 1x3 plates and orient them all horizontally. Place the first 1x2 plate on the front row of the central 4x4 between the two vertical 1x10 plates, then place a 1x3 on the right overhang of the front horizontal 1x10 and another on the left overhang. Add the remaining parts symmetrically to the rear row of the central 4x4.

Step 28.5

Get two more 1x10 plates and place them horizontally over the parts placed in the previous step.

Step 28.6

Gather two more 1x2 plates and four more 1x3 plates and orient them all vertically. Place the 1x2 plates vertically in the gaps between the front and back 1x10 plates placed previously, then put the 1x3 plates on the front and back overhangs of the same 1x10 plates.

Step 28.7

Finish the part by putting another modified 4x4 plate with 2x2 open center over the middle of the part so that the holes align.

Step 28.8

Add the lattice to the main build by slotting it into the gap in the middle. The plates should slot between the arches and connect to the inverted slopes.

Step 29

Collect three medium nougat 2x3 plates and four medium nougat 5x5 round corner plates. Navigate to the row of studs at the top of the 3x4 slope in front of the previously placed lattice. Orient a 2x3 plate vertically and connect its front row to the middle two studs of the 3x4 slope. Then, hold a round corner plate so its curve forms the front right quarter of a circle and connect it to the right of the 2x3 plate – the curve of the plate should match the curve of the 6x6 curved corner slope beneath. Place another round corner plate symmetrically to the left of the 2x3 plate. Next, orient another 2x3 plate horizontally and place it so its left column aligns with the back of the round corner plate just placed. Put another symmetrically on the right side of the model. Take the remaining round corner plates and place them to the rear of the horizontal 2x3 plates so they are symmetrical with those placed in front. Together, the medium nougat pieces form a band of light brown around the brim of the hat, separating it from the cone – which we will soon build!

Step 30

You should now be left with four red 2x2 wedge plates with cut corner. Orient two so that the studs form the Braille letter H. Navigate to the modified 4x4 with open center in the middle of the hat, then back three rows to find the vertical 2x3 of studs.

Navigate to the tails at the back of the build, then move forward two rows and shift one column to the right. Place the first wedge plate so its rear sits on this stud, then position the second wedge plate two rows forward and two columns to the right. Orient the remaining wedge plates so that their studs form the Braille letter J and place them symmetrically to the left of the model. Next, find the fourth and final group of pieces for bag 3 and take out four green 2x2 wedges with cut corner. Put them symmetrically at the front of the center section. The red and the green are, of course, the house colors of Gryffindor and Slytherin – their inclusion here may simply represent their historic opposition or could be a reference to the Sorting Hat's internal conflict over which house to sort Harry into.

Step 31

Obtain six white 1x1 round tiles. Note that the central modified 4x4 plate is separated from the wedge plates previously placed by a border of empty spaces and studs which sit one plate lower than the surrounding parts. In fact, there are eight such recessed studs – two on each side of the modified 4x4 plate. Put the round tiles on the recessed studs to the left, to the right, and behind the modified 4x4 plate.

Step 32

Flip the model upside down so the studs face down and the tails are in front. Get eight black 2x2 round plates with rounded bottoms and orient them with their studs down. Note that there is a level of plates that sit above the curved corner slopes and feel for the front where you will find a horizontal 2x6 double-round corner plate. Place the first round plate in the middle of the double-round corner plate so its front row connects to the corner plate's back row, strengthening its connection to the plate behind it. Place three more of the round plates symmetrically at the right, left and rear of the model where the other 2x6 double-round corner plates are located. Next, navigate to the front right corner of the hole in the middle of the model. Note there is a stud that protrudes into the hollow, disrupting what would otherwise be a perfect square. Place a round plate here so its back left stud sits on this protrusion. Put the remaining round plates symmetrically at the front left, rear left, and rear right of the hollow.

Step 33

Flip the model again so the studs face up and the tails are at the back. Gather the remaining pieces of the group, which are a green 1x4 tile, two red 2x2 corner tiles, a medium lavender 1x4 plate, two white 1x2 round plates, and a white 1x4 double-round curved slope. Locate the modified 4x4 plate in the center of the model, then put the lavender 1x4 plate horizontally in front of it so it sits on the recessed studs. Next, put the 1x4 double-curved slope horizontally on top of the 1x4 plate, followed by the green 1x4 tile horizontally behind it. Then, orient a red 2x2 corner tile so it feels like a smooth Braille letter F and put it on the back left corner of the 4x4 plate. Orient the second like a smooth Braille letter D and connect it to the back right corner. Finally, place the 1x2 round plates horizontally two rows behind the corner plates to form a 1x4 of studs. The left and right ends of the row of round plates should align with the left and right edges of the modified 4x4 plate.

The third bag is now done! The brim of the hat is now complete, and we can get going building the cone – but not before we work on the internal mechanisms for triggering the sound brick.

Step 34

Open bag 4 and collect the first group of bricks. Gather two medium lavender 1x2 plates, two magenta 1x3 plates, two black modified 1x2 plates with pin hole on top, and two dark grey Technic pins with bar and tow ball. (The pins are 3 modules in length.) Use the pieces to make two parts, which are mirror images of one another:

Step 34.1

Orient a 1x3 plate horizontally and put a 1x2 plate horizontally on its left two studs. Then hold a modified 1x2 horizontally with the pin hole to the right and stack it on top of the 1x2 plate. Finally, take the Technic pin and insert the pin end into the pin hole from the back – the rest of the piece should extend behind the part. To add the part to the model, locate the empty stud two rows behind the left end of the double-curved slope placed previously and put it so the right stud of the part sits in the empty stud.

Step 34.2

Create the second part as a mirror image of the first: hold a 1x3 plate horizontally and place a 1x2 plate horizontally on its right two studs. Then, orient a modified 1x2 horizontally with the pin hole to the left and stack it on top of the 1x2 plate. Lastly, take the Technic pin and insert the pin end into the pin hole from the rear so the rest of the pin extends behind the part. Place the part so that its left stud sits three columns to the right of the first part.

Step 35

Locate two red 1x3 bricks and a black 2x6 tile. Orient the tile horizontally, then center it horizontally in front of the 1x4 double-curved slope. Next, orient the bricks vertically. Put the first to the left of the 2x6 tile and back one row so its rear abuts one of the parts placed in the previous step. Add the second symmetrically to the right side of the tile.

Step 36

Find a brown 1x4 brick and two brown 4x4 facet bricks (these parts have a 4x4 footprint but only four studs arranged diagonally, with a smooth angled face on one side and a stepped edge on the other). Put the 1x4 brick horizontally in front of the 2x6 tile placed previously so that one stud remains unoccupied to the left and right. Orient a facet brick with the studs proceeding diagonally from front left to back right, then connect its front left stud sits to the right of the 1x4 brick. Place the second facet brick symmetrically to the left of the 1x4 brick.

Step 37

Collect two brown 1x3 plates (they have been connected to distinguish them from the magenta 1x3s), a brown 1x6 tile, and two brown 2x2 modified facet tiles – these latter pieces feel like 2x2 corner tiles but have a corner cut at 45 degrees. Begin by placing the 1x6 tile horizontally on the row of studs formed by the 1x4 brick and facet bricks from the previous step. Next, orient a 1x3 plate vertically and connect it one column to the right and one row back from the right end of the 1x6 tile. Put the other 1x3 plate symmetrically at the left side of the tile. Then take a facet tile and hold it with the cut corner in the front right. Place it with its front left on the stud one back and to the right of the front stud of the right 1x3 plate so the facet tile covers the remaining exposed studs of the facet brick underneath. Add the second tile symmetrically to the left side.

Step 38

Get two black 1x2x2 bricks and two black modified 1x1x1 2/3 bricks with 1x2 vertical side studs. Orient a modified brick with the side studs facing right and put it on the back stud of the right 1x3 plate placed previously, then put a 1x2x2 brick vertically behind it. Place the other parts symmetrically on the left.

Step 39

The remaining pieces in the group are two brown 1x2 slope bricks and two magenta 1x3 plates. Place a 1x3 plate vertically on top of each set of bricks placed previously, then put the 1x2 slope bricks vertically in front of them with the studs in the rear.

Step 40

Find the second group of bricks – we will use them to construct part of the mechanism for activating the sound brick. To start, find a yellow 2x6 plate and a purple 2x4 plate and orient them horizontally. Connect the 2x4 plate to the right end of the 2x6 plate so it does not overhang to the right.

Step 41

Get another purple 2x4 plate and place it vertically centered on the left two columns of the 2x6 plate.

Step 42

Gather the following pieces: a white 7L lifarm, three yellow half-bushes, a brown 5L axle with stop, and two brown modified 1x2 plates with pin hole at the end. Use them to make a part:

Step 42.1

Hold a modified 1x2 plate vertically with the pin hole at the front. Take the 5L axle and orient it horizontally with the stop to the left, then insert it all the way into the pin hold of the modified plate from the left.

Step 42.2

Slide a half-bush onto the axle from the right all the way to the left so it sits to the right of the modified plate's pin hole.

Step 42.3

Orient the 7L lifarm vertically and the pin holes facing left and right. Thread the rear pin hole onto the axle and slide it along to sit beside the half-bush. Then take a second half-bush and slide it onto the axle to sit beside the lifarm.

Step 42.4

Orient the remaining modified 1x2 plate vertically with the pin hole in front and slide it onto the axle via the pin hole. The axle will protrude one row to the right. Take the last half-bush and slip it onto the axle to sit to the right of the modified plate's pin hole.

Step 42.5

Take a moment to test that the modified plates and the liftarm can swing easily. If there is too much friction from the bushes, move them very slightly along the axle so the pieces can rotate. When you are happy with the part, rotate it so the liftarm lies to the left and the modified plates are to the right. Connect it to the rest of the assembly by attaching the modified plates to the front and back rows of the vertical 2x4 plate at the left end of the assembly.

Step 43

The final pieces of the group are two white 1x2 sloped tiles and the sound brick. The sound brick is a unique piece, occupying a 4x4x1 volume and having a medium lavender top but a purple bottom. In the center of the front face is a white button with a small triangular 'play' symbol, and at the back is a grille of narrow vertical lines that mimic the shape of a sound wave. Pressing the button will cause the brick to randomly select and play one of 31 unique sounds. The piece is programmed specifically for this set! To add it to the build, first orient it with the button facing left, then orient a white sloped tile horizontally with the flat face in the rear and place it on the left two studs of the front row of the brick. Connect the second white slope symmetrically to the rear. Next, get the third group of pieces and extract two black 1x2 sloped tiles. Place a black sloped tile horizontally to the right of the front white sloped tile so its flat face is in the rear, then put the other symmetrically at the rear of the brick. Attach the sound brick to the rest of the subassembly by connecting the horizontal 2x4 at the right of the subassembly to the horizontal 2x4 space between the sloped tiles.

Step 44

Get the following parts: four black modified 2x3 plates with hole, a black 2x10 plate, a black 2x6 brick, a black 2x4 tile, and a pearl gold 1x2 jumper plate. Assemble them into a subpart as follows:

Step 44.1

Orient the 2x10 plate horizontally and place the 2x6 brick horizontally at its right end. The brick should not overhang the plate.

Step 44.2

Take two modified 2x3 plates and stack them so the holes align. Orient them vertically with the hole in front and connect the back row of the stack to the front row of the plate to the left of the 2x6 brick. Connect the other pair of modified 2x3 plates symmetrically in the rear.

Step 44.3

Place the 2x4 tile horizontally at the right end of the 2x6 brick – it should not overhang the part. Then, add the 1x2 jumper plate vertically to the tile's left.

Step 44.3

Attach the subpart to the assembly by slotting its left 2x2 of studs in the gap to the right of the liftarm at the left end of the assembly. The part will overhang the right of the assembly by four columns.

Step 45

Take a purple 2x4 plate and place it vertically to the right of the liftarm.

Step 46

Gather the remaining pieces of the group, which are: two white 1x1 round tiles, two pearl gold 1x1 round plates (stacked to help distinguish them), two black 1x1 round plates with open stud, two red modified 1x1x2/3 plates with open stud, a purple 2x4 plate, a purple 1x4 double-curved slope, two medium lavender 1x4 plates, a magenta 2x6 plate, and a magenta 1x6 plate. Use them to construct another part:

Step 46.1

Orient the 2x6 plate vertically and the 2x4 plate horizontally. Connect the left two columns of the 2x4 plate to the middle two rows of the 2x6 plate so their left edges align. The 2x4 plate will overhang the 2x6 plate by two columns.

Step 46.2

Locate the 1x4 double-curved slope and place it over the left column of the 2x4 plate so it connects to the rows in front and behind the 2x4 plate. Then, take a pearl gold 1x1 round plate and put it to the right of the front part of the double-curved slope, and place the other three rows behind the first.

Step 46.3

Find the 1x4 plates and hold them horizontally. Connect the first to the front row of the 2x6 plate so it overhangs to the left by two columns, then add the second symmetrically to the rear row.

Step 46.4

Collect the 1x6 plate and place it vertically on the right column of the 2x6 plate.

Step 46.5

Put a 1x1 round tile on the second stud from the left of the front 1x4 plate, then add a modified 1x1x2/3 plate to the right and put a 1x1 round plate with hollow stud on top. Place another round tile, modified plate and round plate symmetrically on the rear 1x4 plate.

Step 46.6

The part is complete! To add it to the assembly, center the vertical 2x6 vertically over the 2x4 to the right of the liftarm. The 2x2 overhang to the right of the part will sit on the middle two rows of the column of stacked modified 2x3 plates.

Step 47

Retrieve the fourth group of parts. Put the sound brick assembly to the side while we build another part. Find a light grey 1x6 brick and three black modified 2x2 plates with 1x2 horizontal side studs. Orient the 1x6 brick horizontally and the modified plates with the side studs facing forward. Align the modified plates in a row, then put the brick across the back row to connect them.

Step 48

Grab two black modified 1x1 bricks with single side stud, a white modified 1x2 brick with 1x2 horizontal side studs, and two red modified 1x1x2/3 plates with open stud. Orient the bricks with the side studs facing forward. Place the first 1x1 brick on the front left stud of the part, then put the first modified plate to the right followed by the 1x2 brick, then the other modified plate, and finally the remaining 1x1 brick.

Step 49

Collect a red 2x3 plate, two black modified 1x2 plates with pin hole on top, a black 2x3 curved slope, two brown modified 1x2 plates with pin hole on end, and two light grey 2L frictionless Technic pins. Use them to make a subpart as follows:

Step 49.1

Orient the 2x3 plate horizontally and place a modified 1x2 plate with pin hole on top horizontally on the right two studs of the back row with the pin hole to the right.

Step 49.2

Put the second modified plate with pin hole on top horizontally in front of the other with the pin holes aligned.

Step 49.3

Take the 2x3 curved slope and hold it horizontally with the thick end to the right. Connect its right column to the middle column of the part.

Step 49.4

Orient the 2L frictionless pins vertically. Insert one into the front pin hole from the front and the other into the back pin hole from the rear.

Step 49.5

Orient the modified 1x2 plates with pin hole at one end horizontally with the pin holes to the left. Slide the pin holes over the protruding sections of the frictionless pins placed in the previous step.

49.6. The subpart is complete. To add it to the assembly, first rotate it so the modified plates placed previously are at the front, then attach them to the assembly on the second columns in from the right and left ends.

Step 50

Locate two pearl gold 1x1 round plates and a medium lavender 1x2 plate. Put the 1x1 plates at the ends of the back row of the part, then place the 1x2 plate horizontally in the middle of the same row.

Step 51

The last piece in the group is a black 2x6 tile. Place it horizontally over the 2x6 of studs at the front of the part.

Step 52

Get the final group of bricks and take out a dark brown 1x2 plate, three brown 2x2 curved slopes, three brown 1x2 inverted brackets with 1x2 horizontal side studs, and two 1x3 curved slopes. Assemble them into a part according to the following:

Step 52.1

Orient a bracket horizontally with the side studs in front and hold a 2x2 curved slope with the thick end in front. Connect the front row of the slope to the bracket.

Step 52.2

Take the 1x2 plate and place it horizontally on the side studs of the bracket.

Step 52.3

Rotate the part 180 degrees so the side studs face back. Orient a 1x3 curved slope horizontally and on its side so the anti-studs face you, with the thick end to the right. Connect its right end to the part's left side stud. Take the second 1x3 curved slope and add it symmetrically to the right.

Step 52.4

Bring the two remaining brackets and orient them horizontally with the side studs facing away. Connect one via the side studs to the overhang of the left 1x3 curved slope and put the other symmetrically on the right.

Step 52.5

Orient the two remaining 2x2 curved slopes with the thin ends in front and connect their back rows to the studs of the brackets placed previously.

Step 52.6

The part is complete! To add it to the assembly, first reorient it horizontally upright with the anti-studs facing away and the pair of 1x3 curved slopes at the top. Connect the bottom two rows of the part to the side studs on the front of the assembly.

Step 53

Retrieve the sound brick assembly and orient it horizontally with the liftarm to the left. Also orient the just-completed assembly with the 2x3 curved slope to the left. Combine the assemblies by connecting the left column of the 2x3 curved slope to the middle two studs of the vertical 1x6 of studs two columns to the right of the liftarm. The right side of the top assembly will be pushed up to sit at an angle.

Step 54

Reorient the combined assembly to be vertically upright with the anti-studs facing you and the liftarm at the top – the sound brick should be in front. Locate the pin holes behind the sound brick, which face you. Then, find two red Technic pins with tow ball and orient them vertically with the tow balls in front. Insert the pin ends into the pin holes from the front.

Step 55

Bring back the main model and orient it with the tails in front. Locate the 2x2 open center in the middle of the build and insert the base of the sound brick assembly into the hole. The assembly is able to move up and down. Flip the liftarm so it points away from you.

Step 56

The last pieces of the fourth bag are two small white rubber bands. Take one and loop it around the pair of tow balls to the right of the sound brick – one is vertically above the other. Add the second rubber band similarly to the left side. Note that the sound brick assembly protrudes down through the hole and beneath the hat slightly. Pressing the protrusion up towards the hat causes the assembly to move upward and will return to its initial position by the force exerted by the elastic bands.

You have now reached the end of bag four. The fifth bag contains the parts to build the Sorting Hat's face.

Step 57

Collect the first group of bricks and take out two purple 2x2 corner bricks and two medium nougat 1x1 round bricks. To the left of the left rubber band is a vertical 1x3 of studs. Place a 1x1 round brick on the rear stud, then put the corner brick in front so that its studs form the Braille letter J. Put the other pieces symmetrically on the right side of the model.

Step 58

Gather four red 1x3 bricks and two magenta 1x3 plates. Create two identical parts: stack a pair of bricks vertically and put a plate vertically on top. Place them vertically on top of the parts placed in the previous step.

Step 59

Rotate the model 180 degrees so the tails lie in the back. Take two brown 1x3x2 arch pieces. Note that on either side of the sound brick assembly is a column of studs, and in front of each column is a stud that sits a brick lower. Orient an arch horizontally overhanging to the right and connect it to the left stud. Add the other symmetrically to the right stud. The arches form the Sorting Hat's upper lip.

Step 60

Collect together two red 1x3 bricks, two brown 1x6 bricks, and four medium lavender 1x4 plates. Use them to construct two identical parts:

Step 60.1

Orient a 1x6 brick horizontal and connect a 1x4 plate horizontally across its right four studs.

Step 60.2

Stack another 1x4 plate on top of the first.

Step 60.3

Put a 1x3 brick horizontally on the right three studs of the stacked plates.

Step 60.4

Repeat the above steps to obtain a second part, then orient the parts vertically with the thin ends in front. Place one of the parts so its front connects to the left stud of the left arch placed previously. Place the other symmetrically on the right.

Step 61

The last parts in the first group are two brown 2x4x6 rock panels. Orient one with the textured side facing left and put it to the left of the left part placed in the previous step – their rear edges should align. Put the second symmetrically on the right side of the hat.

Step 62

Retrieve the second group of bricks. Take two brown 1x2 Technic bricks with pin hole and orient them horizontally. Place one so its left stud sits on the front row of the left rock panel placed previously and add the second symmetrically to the right side.

Step 63

Bring together a brown 1x6 brick, two brown 1x3 plates, and a brown 1x8 plate. Use them to construct a part:

Step 63.1

Hold the 1x8 plate horizontally, then center the 1x6 brick horizontally on the plate and connect them. There should be one free stud on either side of the brick.

Step 63.2

Place a 1x3 plate on the left three studs of the 1x6 brick, then put the other on the right three studs of the brick.

Step 63.3

To add the part to the model, first move the liftarm so it points away from you, then place the part horizontally across the row in front of the Technic bricks placed previously.

Step 64

Find two brown 1x4 slope bricks and a brown 1x2 triple slope. Hold a 1x4 slope horizontally with the stud to the right and connect it to the left studs of the row in front of the previously placed part so it overhangs to the right. Add the second slope symmetrically to the right. Next, orient the triple slope horizontally with its flat face in the rear and put it on the studs of the 1x4 slopes. Together, the slopes make up the Sorting Hat's nose.

Step 65

We will now make two parts that will provide connection points for the eyebrows, which will be able to move when the hat is 'talking'. First, gather the following pieces: two brown 1x1 Technic bricks with axle hole, two 1x2 Technic bricks with pin hole, two brown 3L axles with stop, two black axle connectors with perpendicular axle hole, and two light grey 1x1 round tiles with upright bar. Start with the first part:

65.1.1. Orient a 1x1 brick with the axle hole facing you, then position a 3L axle vertically with the stop in the rear and insert it into the axle hole from the rear.

Step 65.1.2

Take a 1x2 brick with pin hole and hold it horizontally. Slip the pin hole onto the axle.

Step 65.1.3

Bring an axle connector. The connector has a blocked axle hole at one end and an open axle hole at the other, perpendicular to the first. Orient it horizontally with the blocked hole to the left and the open axle hole facing you. Connect the piece by pushing the right end of the connector onto the axle. Then take a 1x1 round tile with vertical bar and insert the bar into the left end of the axle connector.

Step 65.1.4

To add the completed part to the model, first rotate it 180 degrees so the 1x1 brick is in front, then connect the 1x2 brick horizontally two columns in from the right end of the row behind the triple slope.

Step 65.2.1

Orient the other 1x1 brick with the axle hole facing you, then position a 3L axle vertically with the stop in the rear and insert it into the axle hole from the rear.

Step 65.2.2

Take a 1x2 brick with pin hole and hold it horizontally. Slip the pin hole onto the axle.

Step 65.2.3

Get the remaining axle connector and orient the part horizontally with the blocked hole to the right and the open axle hole facing you. Connect the piece by pushing the right end of the connector onto the axle. Then take a 1x1 round tile with vertical bar and insert the bar into the right end of the axle connector.

Step 65.2.4

To add the completed part to the model, first rotate it 180 degrees so the 1x1 brick is in front, then connect the 1x2 brick horizontally to the left of the first part.

Step 65.3

To finish, push down on the ends of the axle connectors to set the 1x1 bricks in front at an angle.

Step 66

The final two pieces of the group are two magenta 1x1 round cones. Note that there is a single stud facing you that stands behind the end of each axle connector. Orient the cones on their sides with their studs facing you and connect one to each of the indicated studs. The cones loosely hold the axle connectors in place so that when the sound brick assembly is pushed up the 1x1 bricks turn in place.

Step 67

Obtain the third and final group of bricks from the fifth bag. Take out two brown modified 1x1 bricks with single recessed side stud and two brown 1x1 sloped tiles. Make two identical parts by orienting the slopes with the anti-studs facing away and the thick ends at the top and connecting them to the side studs of the modified 1x1 bricks. Place the parts in front of the cones placed previously.

Step 68

Find a brown 1x6 brick and two 2x2x2 slope bricks. Take the 1x6 brick and place it horizontally across the row in which the previous parts were placed. Then, navigate one row back and two columns to the left to find the left edge. Orient a slope brick with the sloped face to the left and place it here. Put the other symmetrically on the right side of the hat.

Step 69

Collect four brown modified 1x1 bricks with 1x2 vertical side studs. Stack two of the parts with the side studs facing in the same direction, then place it in front of the left slope brick placed previously with the side studs facing left. Put the other pair of modified bricks symmetrically at the right.

Step 70

Locate a brown 2x8 plate and place it horizontally with its front row on the front row of the top of the hat.

Step 71

Gather two brown 1x1 sloped tiles, a brown 2x4 triple right wedge and a brown 2x4 triple left wedge. To tell the left from the right wedge, orient the parts vertically with the flat faces in front. The left wedge has its vertical flat face to the right and the vice versa for the right wedge. Keep the wedges in their present orientation. Orient the 1x1 slopes with the thick ends facing you and put one on the stud of each wedge. Next, take the left wedge and orient it vertically upright with the 1x1 slope to the right and the anti-studs facing left. Navigate to the right side and locate the rocky panel – it should be easily identifiable by its texture. In front of the rock panel you will find a vertical 1x2 of side studs. Connect the part to the side studs. Put the right wedge part symmetrically on the left side of the model.

Step 72

Take two brown 1x3 curved slopes and two brown 1x2 slopes with cutout. Orient the 1x2 slopes with the studs to the left and the 1x3 curved slopes with the thick ends to the right. Connect the right end of each curved slope to the stud of a 1x2 slope to create two parts. Take one and orient it vertically upright with the curved slope below and the anti-studs facing left. Connect it to the vertical 1x4 of side studs above the right part placed previously, then add the other part symmetrically to the left side of the model.

Step 73

The final four pieces of the fifth bag are two brown 1x3x2 curved arches, a brown 1x2 right curved wedge slope, and a brown 1x2 left curved wedge slope.

Step 73.1

Take an arch piece and hold it horizontally with the stud to the right. Then, collect the right curved wedge and orient it horizontally with the pointed end to the right and connect its left end to the stud of

the arch. Locate the 1x1 brick above and to the right of the 'nose' of the Sorting Hat – the stud should be tilted to the right – and connect the part to the stud of the brick.

Step 73.2

Get the other arch piece and orient it horizontally with the stud to the left, then hold the left curved wedge with the pointed end to the left. Connect the right end of the wedge to the stud of the arch. Attach the part to the left of the previous part.

You have reached the end of the fifth bag! The Sorting Hat's face is complete, consisting of a mouth with downturned corners at the bottom, then a wide nose that leads into thick folds suggestive of eyebrows. The Hat does not have actual eyes, but the slopes under the eyebrows create shadows and contrast that give the impression that the Hat can see whatever is before it. Pushing the sound brick assembly up from under the hat causes the mouth to open and close and the eyebrows to wiggle.

The back of the model is incomplete, revealing the colorful bricks used to support the external structure as well as the mechanism for animating the face and triggering the sound brick, which is not quite complete. Bag 6 contains the parts we need to enclose the mechanism.

Step 74

Open the sixth bag and collect the first group of pieces. Find four black modified 1x2 plates with clip on top and orient them vertically with the clips in front. Orient the model with the tails and sound brick in front and flip the liftarm up so it points upward and away from you. Place the first two plates on the columns behind the tails, then put another to the right and the last to the left of the first pair of plates.

Step 75

Find a red 1x4 tile, two purple 2x2 corner bricks, and two pearl gold 1x1 round plates. Place the 1x4 tile horizontally across the studs of the modified plates placed previously. Then, make two identical parts by taking the corner bricks and putting a 1x1 round plate on the corner stud of each. Orient one of the parts so its studs form the Braille letter F and connect the back left stud one column to the right and one row back from the right end of the 1x4 tile. Add the other part symmetrically at the left end of the tile.

Step 76

Get two brown 4x4 facet bricks (as a reminder, these pieces have four studs arranged in a diagonal line with an angled face on one side and a stepped edge on the other). Orient one with the angled edge in front and the studs proceeding backward from left to right, then put it so its front left stud sits in front of the left column of the right corner brick placed previously. Add the second part symmetrically to the left.

Step 77

Collect two brown 1x1 quarter round tiles and two brown 2x2 round corner tiles. Orient a 1x1 tile with its curved edge in the front right and place it one row behind the front left stud of the right facet brick. Next, orient a 2x2 corner tile so its outer curved edge forms the front right quarter of a circle and place it in front of the 1x1 tile. The two tiles should form a smooth surface in the shape of a circle's front right quadrant. Add the remaining parts symmetrically to the left.

Step 78

Obtain two brown 1x2x2 slope bricks and two dark brown 1x2 plates. Orient the plates horizontally and connect a slope horizontally on top of each with the sloped faces to the right. Place the first part so that its right end sits on the rear right stud of the right facet brick. Rotate the second part 180 degrees so its sloped face lies to the left and connect it symmetrically to the left side of the model.

Step 79

Take two brown 1x2 bricks, two dark brown 1x1 plates and two dark brown 1x2 plates and orient them horizontally. Use them to construct two identical parts: stack a brick on top of a 1x2 plate, then place a 1x1 plate on the left stud of the brick. Put the first part so its left end connects to the stud of the left part placed previously. Turn the second part 180 degrees so the 1x1 plate lies to the right and add it symmetrically to the right side of the hat.

Step 80

There is one piece left over from the first group, a black 1x1 Technic brick with axle hole. Set it to one side, as you will need it in this step, then bring the second group of parts and extract two brown 1x1 Technic bricks with axle hole, two red 9L liftarms, a red 8L axle, two light grey bushes, two yellow half-bushes, a light grey modified 1x1 round tile with upright bar, and a pearl gold 1x1 round plate. Use them in the construction of a subassembly which will act as a trigger for the sound brick:

Step 80.1

Orient a brown 1x1 brick with the axle hole facing left and right, then take the 8L axle and insert it into the axle hole from the right. The axle should not protrude to the left.

Step 80.2

Hold the 9L liftarm vertically upright with the pin holes oriented facing left and right. Thread the uppermost pin hole onto the axle, then slide the liftarm all the way to the left so it sits next to the 1x1 brick.

Step 80.3

Slide a bush all the way along the axle to sit beside the liftarm, then do the same with a half-bush.

Step 80.4

Make a subpart: take the 1x1 round plate and stack the black 1x1 brick with axle hole, then put the 1x1 round tile with upright bar on top of the brick. Next, orient the part so the bar points down and the axle hole faces left and right. The orientation of the part is crucial to making the trigger work properly! When you are happy, slide the subpart onto the axle all the way to the left.

Step 80.5

Slip another half-bush onto the axle followed by another bush.

Step 80.6

Hold the remaining 9L liftarm vertically upright with the pin holes facing left and right and thread its uppermost pin hole onto the axle. Cap off the axle with the remaining brown 1x1 brick.

Step 80.7

To integrate the subassembly with the main model, first locate the sound brick and note that there is a 1x1 gap on each side. Insert the lower ends of the liftarms into these gaps and move the subassembly down until the bricks at either end of the axle connect to the studs.

Step 81

Find two brown 1x2 slope bricks and two dark brown 1x1 plates. Put the plates on top of the 1x1 bricks at the left and right ends of the subassembly placed in the previous step. Then, orient the slopes vertically with the studs in the rear. Put the first so its stud sits one column to the right and one row behind the right 1x1 plate and the other symmetrically at the left. The slopes should not overhang in front.

Step 82

Take two brown 1x2x2 slope bricks and two black modified 1x1 bricks with 1x2 vertical side studs. Navigate to the row in front of the right set of parts placed previously. Locate the round 1x1 plate at the left end of the row and put the 1x1 brick on top with the side studs facing forward. Place a slope horizontally to the right with the stud to the left. Add the other parts symmetrically to the left side of the model.

Step 83

Get two brown 1x2 bricks and two brown 1x2x2 slope bricks. Orient a 1x2 brick horizontally and stack a slope on top horizontally with the stud to the left. Place the stack on the studs of the right set of parts previously placed. Then, make another part and place it symmetrically on the left.

Step 84

Next, find two brown 2x2 slope bricks and two brown 2x2 round corner bricks. Find the liftarm at the top of the model and locate the axle to which it's attached, then follow it along to the right to find a column of three studs then a column of two studs. Place a slope brick on the back two rows so its studs are vertical and to the left. Then orient a round corner brick so its outer curve forms the front right quarter of a circle and connect its rear stud in front of the studs of the slope brick. The front stud will then sit on the stud at the top of a 1x2x2 slope brick placed in the previous step. Add the other parts symmetrically to the left.

Step 85

Collect two dark brown 1x1 plates and two brown 3x3 round corner plates. Put a 1x1 plate on the back stud of the right 2x2 slope brick placed previously. Next, orient a corner plate so its curve again forms the front right quarter of a circle, then place it with its rear stud in front of the 1x1 plate. Its curve should match the curve of the corner brick placed previously, and the plate will overhang the brick to the left by one stud. Add the other plates symmetrically to the left.

Step 86

Gather the remaining pieces from the group, which are a brown 1x4 plate, two brown 2x2 round corner tiles, and three dark brown 1x2 plates. Orient two of the 1x2 plates vertically and put them so their rear studs sit on top of the 1x1 plates placed previously. Next, hold a corner tile with its curve forming the front left quarter of a circle and connect it in front of the 1x2 plate placed on the left side. Take the second corner tile and add it symmetrically in front of the right 1x2 plate. Finally, orient the remaining 1x2 plate and the 1x4 plate horizontally, then center the 1x4 plate on the 1x2 and connect them – the 1x4 plate will overhang the smaller plate by one stud on each side. Connect the part between the curved corner tiles.

Step 87

Set the model to one side while we build a panel to enclose the back of the build. Obtain the third and final group of bricks, then find a brown 4x6 plate and two brown modified 1x2 plates with bar handle. Orient the 4x6 plate horizontally, then put the first 1x2 plate vertically on the left column's front two studs so the bar handle overhangs to the left of the plate. Put the second behind the first, again with the bar handle to the left.

Step 88

Find two brown 2x2 curved slopes and orient them with their thin ends to the right. Place the first so its left column connects to the studs of the front modified plate placed previously, then put the second behind the first.

Step 89

Get a brown 1x4 plate and connect it vertically under the rightmost column of the 4x6 plate. The 1x4 plate should lie wholly beneath the 4x8 plate.

Step 90

Gather the following pieces: two brown 1x2 slope tiles, a brown 2x2 curved slope, a brown modified 1x2 plate with rail, a brown 1x2 bracket with 1x4 horizontal side studs, and two dark brown 1x1 plates. Use them to construct the following part:

Step 90.1

Orient the bracket horizontally, then connect the rail plate horizontally to the middle two side studs with the rail below.

Step 90.2

Put the 1x1 plates to the left and right of the rail plate.

Step 90.3

Place a 1x2 slope tile horizontally across the left two side studs with the flat side at the top, then put the second slope tile to the right in the same orientation.

Step 90.4

Lastly, hold the 2x2 curved slope with its thick end at the front and connect the front row to the upright studs of the bracket.

Step 90.5

Rotate the part 90 degrees so the curved slope lies to the left, then attach it to the subassembly by connecting the curved slope to the middle two rows of the right two columns.

Step 91

Get two brown 1x1 quarter round tiles. Orient one with its curved edge on the front left and place it on the rightmost stud of the front row. Place the other symmetrically on the back row.

Step 92

The panel subassembly is complete. To join it to the main model, first orient it vertically upright with the studs facing you and the bar handles at the bottom, then find the row of four clips behind the tails at the front of the model and push the bar handles into them. The panel can be opened to reveal the sound brick, which is ideal for maintenance!

Step 93

Find two brown 1x1 slope tiles, a brown 2x4 left wedge slope and a brown 2x4 right wedge slope. Orient the wedges vertically with the studs in front and place a slope tile on each so their narrow ends face away from you. Take the right wedge part and connect it vertically upright to the pair of vertical side studs to the right of the panel previously placed and put the left wedge part symmetrically to the left of the panel.

Step 94

The final pieces of bag 6 are two black 2L Technic pins and two dark tan 2L liftarms with axle hole at one end. Take a liftarm and hold it horizontally with the pin hole upright at the right end, then insert a pin into the hole from above. Repeat to obtain a second part. Then, take the main model and flip it upside down so the tails face away from you. Navigate to the center of the model and identify the 4x4 modified plate with open 2x2 center, which is now blocked, then move back one row. In this row are the lower ends of two liftarms which are presently not secured in place. Focus on the left liftarm: take one of the liftarm and pin assemblies and orient it vertically upright with the pin at the bottom pointing left, then insert the free end of the pin into the pin hole at the end of the left liftarm from the left. Connect the other part symmetrically to the end of the right liftarm.

Step 95

Lastly, push the upper ends of the parts previously placed forward to fold them into the hat and secure the liftarms further. Once done, flip the hat back to its upright position with the tails in front.

You have come to the end of bag 6 and are now ready to tackle the final bag – bag 7! Curiously, the set is built from seven bags of parts, and there are also seven Harry Potter books – is it merely a coincidence, or a cheeky reference left by the designer? The final bag contains the pieces required to finish the top of the Sorting Hat and complete the build.

Step 96

Collect the first group of pieces and retrieve a brown 2x6 brick and two brown 1x1 slope tiles. Navigate to the horizontal 2x8 plate placed at the back of the top of the hat's cone and place the brick horizontally two columns in from the left – there should be one free column of studs to the right and left of the brick. Next, orient a slope tile with its narrow end to the right and put it on the back row to the right of the brick. Place the second slope symmetrically at the left end.

Step 97

Take a brown 1x8 plate and put it horizontally in front of the brick so its left and right edges align with those of the 2x8 plate under the brick.

Step 98

Find two brown 1x2 bricks and orient them vertically, then put them in front of the 1x1 slope tiles placed previously.

Step 99

Locate a brown 2x4 plate and two brown 2x2 corner tiles. Position the plate horizontally on top of the 2x6 brick and two columns in from the left so the plate is centered on the brick. Next, hold a corner tile so it feels like a smooth version of the Braille letter J and place it to the left of the 2x4 plate. Orient the other corner tile so it feels like a smooth version of the Braille letter H and connect it to the right of the plate.

Step 100

Gather two brown 1x1 bricks, a dark brown 1x2 plate, and a medium nougat modified 1x2x1 2/3 brick with 2x2 side studs. Navigate to the back row of the 2x4 plate placed previously and put a 1x1 brick on the left stud. Put the 1x2 plate horizontally to the right, then orient the modified brick with the side studs in the rear and stack it on top of the plate. Finish the row by putting the other 1x1 brick on the right stud.

Step 101

Collect the second group of pieces and retrieve two more brown 1x1 bricks and two black modified 1x1x1 2/3 bricks with 1x2 vertical side studs. Stack a 1x1 brick on each of the 1x1 bricks placed previously. Next, orient a modified brick with its side studs facing left and put it in front of the left stack of 1x1 bricks. Add the second modified brick symmetrically to the right.

Step 102

Find another pair of brown 1x1 bricks, two pearl gold 1x1 round plates, and two black modified 1x1x1 2/3 bricks with 1x2 vertical side studs. Make a part by putting a round plate on top of a modified brick and orient it with the side studs in front, then put the part one row in front and one column to the right of the right modified brick placed in the last step. On the stud to the right put a 1x1 brick. Place the other parts symmetrically to the left.

Step 103

Locate four medium nougat 1x1 round bricks and two medium nougat modified 1x1 bricks with vertical clip. Orient a modified brick with the clip in front, then stack two round bricks on top to form a part. Repeat the process to obtain a second part. Place the first part to the right of the left modified 1x1 brick placed previously, then put the second to the left of the right modified 1x1 brick.

Step 104

Get two medium lavender 1x2 plates and orient them vertically. Place one so its front stud sits on top of the left stack of round bricks, then put the other symmetrically on the right stack.

Step 105

Retrieve a brown 2x4 plate, two brown 1x2x2 slope bricks, and a brown 1x2 slope tile. Begin by placing the 2x4 plate horizontally so its front row sits on the back row of the 1x2 plates placed previously. Next, hold the slope tile horizontally with the narrow end in front and center it on the back row of the 2x4 plate. Then orient a slope horizontally with the stud to the right and put it to the left of the left stack of round bricks. Place the other slope symmetrically on the right.

Step 106

Open the third group of parts. Gather the following pieces with which to make a part: a black 4L axle, two red 2L axles, a light grey bush, two 4L thin liftarms with axle holes at both ends, a black axle connector with perpendicular axle hole, and two black 1x1 Technic bricks with axle hole. Construct the part as follows:

Step 106.1

Hold a 1x1 brick with the hole facing left and right and insert the 4L axle into the hole from the right.

Step 106.2

Make a subpart: Orient a 4L thin liftarm vertically with the holes facing left and right and insert a red 2L axle into the rear axle hole from the right, then put another into the front axle hole from the left. The axles should not penetrate beyond the liftarm's thickness. Next, take the axle connector with perpendicular axle hole and hold it vertically with the open axle hole facing left and right, then slide the part via the axle hole onto the front axle. Reorient the part so the axle connector faces away from you and lies to the right of the liftarm, then add the subpart to the part by inserting the 4L bar into the hole in front of the connector from the left.

Step 106.3

Take the bush and slide it along the 4L so it secures the liftarm assembly against the 1x1 brick.

Step 106.4

Hold the remaining thin liftarm vertically with the holes facing left and right and slide its rear pin hole onto the axle so the rear axle hole connects to the exposed end of the 2L axle protruding from the axle connector.

Step 106.5

Lastly, connect the remaining 1x1 brick to the right end of the 4L axle.

Step 106.6

Connect the part between the slope bricks placed in the last step – the axle connector will naturally angle up as it is pressed against the slope tile behind it.

Step 107

It's finally time to secure the top end of that pesky liftarm! Swing the liftarm to the upright position, then tilt the liftarms of the part placed in the last step until the thick liftarm sits between the axle holes. When the parts are aligned, push the 2L axle protruding to the left all the way in so the liftarm is pinned in place. This connects the top of the hat to the rest of the mechanism distributed throughout the hat which animates the Sorting Hat's expressions and activates the sound brick.

Step 108

Find two brown 1x2 curved slopes and orient them vertically with their studs in front. Place them so their studs sit on top of the 1x1 Technic bricks to the sides of the liftarms.

Step 109

Get two more brown 1x2 curved slopes. Hold one horizontal with the stud to the left and put it so its stud sits on top of the front of the right-hand curved slope placed previously. Connect the other symmetrically to the left.

Step 110

Locate two brown 1x3x2 curved arches and orient them vertically with their studs in front. Put them so the studs sit on the studs of the curved slopes placed previously.

Step 111

Now we will hide some treasure inside the Sorting Hat! The remaining pieces in the group are a pearl gold 1x1 round plate, a trans-green 1x1 round tile, a trans-blue 1x1 round tile, a light grey 1x2 half-round jumper tile, a pearl gold minifigure goblet element, and a purpose-molded minifigure-scale flat silver Sword of Gryffindor with trans-red jewels molded into the hilt and cross guard. Note that the

trans-blue 1x1 round tile has been connected to the half-round jumper. Take the pearl gold 1x1 round plate and place the trans-green 1x1 round tile on top. You now have four parts, representing four important objects from the Wizarding World: The Lost Diadem of Ravenclaw is represented by the half-round jumper with trans-blue tile; Hufflepuff's Cup is aptly referenced by the goblet; the Sword of Gryffindor is present in minifigure scale and features; and the pearl gold 1x1 round plate topped with trans-green tile stands in for Slytherin's Locket. The items each represent one of the four Hogwarts Houses. As you may already know, the diadem, cup and locket are all horcruxes, but the sword has the power to destroy them! To place the items, proceed as follows:

Step 111.1

Locate the upright liftarm in the center of the interior and move back and to the left to discover a vertically upright pair of side studs. Orient the half-round jumper tile upright with the round tile facing you and the flat edge of the jumper to the right and connect it to the side studs.

Step 111.2

Hold the goblet element upright with anti-stud at the base and clip it into the clip to the right of the previously placed part.

Step 111.3

Locate the other clip to the right of the upright liftarm. Hold the sword element upright with the blade above and attach the hilt to the clip.

Step 111.4

Take the final part, Slytherin's Locket, and put it on the lower of the two side studs to the right of the sword.

Step 112

Open the final group of bricks for the set and take out the brown 8x4x6 half-cone. Orient the cone with the curved face toward you, then put it in front of the parts previously placed, hiding them from view. They are an Easter egg for the builder alone!

Step 113

Find a brown 1x2 slope tile and a 3x4 curved wedge. Orient the wedge horizontally with the studs in the rear and place it with its back row on the studs of the curved slopes at the rear. Then place the slope tile on the studs of the wedge horizontally with the thick end toward you.

Step 114

Rotate the model 180 degrees so the face is in front, and the tails lie in the rear. Retrieve two brown 1x1 slope tiles, a brown 2x4 left wedge slope, and a brown 2x4 right wedge slope. Orient the wedges vertically with the studs in front and orient the slope tiles with the thick ends towards you. Place a slope tile on the stud of each wedge slope. Next, locate the 1x2 of vertical side studs on the right side of the model above the Sorting Hat's eyebrows. Hold the left wedge vertically upright with the anti-studs facing left and the slope tile at the bottom and connect the part's rear column to the side studs. The part neatly fits in the corner, smoothing it out substantially. Place the other part symmetrically on the left side of the hat.

Step 115

Take a brown 2x2 curved slope and a brown 3x4 curved wedge. Make a part: Orient the wedge horizontally with the studs in the rear and hold the slope with the thick end in front. Connect the front row of the slope to the studs of the wedge. Next, pick up the part and orient it upright with the slope at the top and the anti-studs facing away from you. Locate the 2x2 of side studs in the middle of the front of the hat and place the part so the top row of the slope sits on the top row of side studs.

Step 116

Find a black 4L axle. Navigate to the top of the hat and locate the Technic connector, which is facing out from the peak, then insert one end of the axle into the connector.

Step 117

Gather a dark brown 4x4 round plate, a purple 2x2 round brick, a red 2x2 round tile with hole in center, and a brown 4x4x2 hollow cone with no studs. Use them to make a part:

Step 117.1

Put the 2x2 round brick on the center of the 4x4 round plate.

Step 117.2

Next, stack the 2x2 round tile on top of the round brick.

Step 117.3

Finally, place the cone on the part so the brick and tile in the middle enter the hollow center of the cone.

Step 117.4

Add the part to the build by sliding it onto the axle placed previously. Push the part all the way down the axle so its end aligns with the top of the cone.

Step 118

The last two pieces of the set are a brown modified 1x1 tile with upright bar and a brown horn section. Insert the bar of the modified tile into the axle hole at the thin end of the horn piece. Connect the part to the hat by inserting the axle inside the hollow cone into the thick end of the horn piece so the horn curves forward and down. The horn and cone create the effect of a drooping peak, true to the version of the Sorting Hat that we see in the movies. Pushing down on the drooping peak animates the face, opening the mouth and arching the eyebrows, and pushing it down far enough activates the sound brick. The other way to activate the Sorting Hat is to put it on! Placing it on your head pushes the protruding block in the center of the hat's underside up, activating the sound brick and animating the Hat's features.

Step 119

The only thing left to do is to place the hat on the stand! Retrieve the stand and note that the top has an open center. Align the 2x2 protrusion in the center of the bottom of the hat with the hole in the stand and lower the hat. The hat can be loosely connected to the stand via the studs of the jumper plates on top, which both prevents the hat from being easily knocked over and allows it to be separated from the stand with ease.

Congratulations, you have completed the Sorting Hat! The model is an impressive display piece, and its fun functions make it a great toy to play with or show off to friends.

Thank you for building this set – we hope you enjoyed it!

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