

11040 Magical Transparent Box

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The Magical Transparent Box LEGO® set includes colorful bricks, many of them transparent. This build-and-display set inspires kids' creativity with enchanting models and endless imaginative play.

The set includes instructions to build heart, ghost, mermaid, star and unicorn toys.

Many ways to play and display – four hanging-brick elements let kids decorate their rooms and homes with fun toys, fantasy creatures and many other creations.

The unicorn toy measures over 3 in. (8 cm) wide, the mermaid toy stands over 3 in. (8 cm) tall, and the ghost stands over 2.5 in. (6 cm) tall.

The front of the box features the unicorn, ghost and mermaid sets. The unicorn is mostly transparent and has a multicolored mane and heart-shaped eyes. The ghost is attached to a hanger brick and has squinting happy eyes. The mermaid has a transparent light blue bow in her yellow hair; she is smiling, and squiggly lines drawn next to her tail indicate it is swishing. The sets are displayed next to colorful transparent bricks of various shapes and sizes arranged in a rainbow pattern. From left to right, the rainbow has groups of bricks that are transparent (clear), white, transparent light blue, aqua, transparent yellow, yellow and transparent medium reddish violet (pink).

The top of the box features the heart set and a smiling transparent light blue and pink penguin. The left side of the box displays the star set, attached to a hanger brick, and is next to some loose bricks.

On the back of the box, numerous sets are displayed: a smiling multicolored rain cloud, a shooting star with star-shaped eyes and a multicolored tail, a multicolored rocket ship, a transparent blue narwhal with a pink tail, a smiling multicolored flat ice pop on a stick, a wide transparent ghost, a small transparent ghost, a merman with a transparent yellow and light blue tail and a crown, and a mermaid with heart eyes, transparent yellow hair and a transparent pink tail.

Please note that the instructions for building some of the creations depicted on the box are not included; they are showing examples of ways that builders can creatively arrange the included bricks to make new builds. There are also customization options for swapping in different colors of bricks, using different eye shapes, and rearranging the bricks from included sets to make something new.

The set has 340 bricks and is for ages 5 and up.

The box contains five bags. Bag 1 contains the bricks for the heart, mermaid and star sets. Bag 2 contains the bricks for the ghost and unicorn. In bag 1, there are 38 total steps in the building instructions across three sets: The heart set has eight steps, the mermaid has 22 steps, and the star has eight steps. In bag 2, there are 26 total steps in the building instructions across two sets: The ghost set has 11 steps and the unicorn has 15 steps.

Welcome to text-based instructions from Bricks for the Blind. Before you start building, here are some terms we'll 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/11040>. 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. Note that where there are multiple colors of the same brick in a step, the colors will be split into two groups to make telling the difference easier for the builder!

Bag 1: Parts for the heart, mermaid and star.

Group 1: Heart set, steps 1-4 (pages 6-8).

Group 2: Heart set, steps 5-8 (pages 8-10).

Group 3: Mermaid set, steps 1-4 (pages 11-12).

Group 4: Mermaid set, steps 5-8 (pages 13-15).

Group 5: Mermaid set, steps 9-12 (pages 13-17).

Group 6: Mermaid set, steps 13-22 (pages 18-22).

Group 7: Star set, steps 1-8 (pages 23-27).

There will be several leftover pieces: a transparent yellow 1x1 slope tile, a transparent light blue 1x1 slope tile, a flat white 1x1 tile with a smiling mouth on it, a flat white 1x1 tile with a round eye on it and a 1x1 transparent plate. LEGO includes a few spare parts in case you lose something. Set these into their own group away from the rest, in case you need them later.

Bag 2: Parts for the ghost and unicorn.

Group 8: Ghost set, steps 1-11 (pages 28-33).

Group 9: Unicorn set, steps 1-8 (pages 34-37).

Group 10: Unicorn set, steps 9-15 (pages 38-41).

There will be several leftover pieces: a flat white 1x1 tile with a heart on it, a flat white 1x1 tile with a V that can be used as a squinting eye, one transparent 1x1 slope tile, and a gold conical horn. Set these aside in case you need them later.

There are three additional bags with bricks to facilitate building more sets. Please set these aside.

The building instructions show builders which page each build starts on, in case they want to skip right to building a particular set. The heart set instructions begin on page six, the mermaid on page 11, the star on page 23, the ghost on page 28, the unicorn on page 34 and inspiration for additional builds on page 42.

Let's build!

Bag one, groups 1 and 2 (the heart set).

Group 1 — center of the heart set.

1. Build the center of the heart. Locate a transparent light blue 2x2 brick and place it in front of you.
2. Locate one transparent medium reddish violet 2x4 brick. Place it centered horizontally on top of the 2x2 you just placed.
3. Locate two transparent light blue 2x2 inverted slope bricks. Place both bricks under the 2x4: Place one to the left of the 2x2 brick, with the sloped part facing left. Place the other to the right of the 2x2 brick, with the sloped part facing right.
4. Locate two 1x2 transparent medium reddish violet bricks. Place one vertically to the left of the 2x4 brick, on top of the 2x2 brick's sloped part. Place the other vertically to the right of the 2x4 brick, on top of the other 2x2's sloped part.

Group 2 — the curved top and base of the heart set.

5. Build the rest of the heart. Locate one transparent 1x2 quarter cylinder brick. Place it vertically on top of the 1x2 brick on the rightmost column of the build. The curved part should face the right side.
6. Locate one transparent 1x2 brick and one transparent 1x2 quarter cylinder brick. Place the transparent 1x2 brick vertically to the left of the previous piece. Place the transparent 1x2 quarter cylinder brick vertically to the left of the transparent 1x2 brick, with the flat side facing the brick you just placed.
7. Locate one transparent 1x2 brick and two transparent 1x2 quarter cylinder bricks. Place one of the quarter cylinder bricks vertically to the left of the previously placed piece, with the curved side of this brick facing the curved side of the previously placed piece. Place the 1x2 brick vertically to the left of the previous piece. Place the other quarter cylinder brick vertically to the left of the previous piece, with the curved part facing left.
8. Make the base of the heart. Locate one 2x2 white plate and two transparent yellow 2x2 inverted slope bricks. Place the plate in front of you. Place one slope brick on the two left-side studs of the plate, with the sloped part facing the left and overhanging the plate. Place the other slope brick on the two remaining studs of the plate, with the sloped part facing the right and overhanging the plate. Attach the base to the underside of the main build, with the transparent yellow bricks lining up evenly with the transparent light blue bricks at the bottom of the main build.

Congratulations, you built the heart!

Bag 1, groups 3-6 (the mermaid set).

Group 3 — the mermaid's lower body.

1. Build the lower body. Locate one 2x4 aqua plate and one 1x2 transparent medium reddish violet brick. Place the plate horizontally in front of you. Place the 1x2 brick vertically on the rightmost column of the plate.
2. Locate one 2x2 transparent medium reddish violet brick and one transparent 2x2 medium reddish violet inverted slope brick. Place the 2x2 brick to the left of the previous brick, centered horizontally on the plate. Place the slope brick to the left of the previously placed brick, with the sloped part facing left and hanging over the plate.
3. Locate one 2x2 transparent medium reddish violet slope brick. Place it on the two rightmost columns of the build, with the sloped part facing left.
4. Locate one 2x2 transparent medium reddish violet brick and one 2x2 transparent medium reddish violet inverted slope brick. Place the 2x2 brick to the left of the previously placed piece. Place the slope brick to the left of the last placed brick, with the sloped part facing left and hanging over the edge.

Group 4 — the mermaid's tail and part of her torso.

5. Sub-build: Make the end of the mermaid's tail. Locate four transparent yellow 1x1 slope tiles and one 2x2 transparent yellow inverted slope brick. Place the 2x2 slope brick in front of you with the sloped part facing to the right. Place one 1x1 slope tile on the stud of the previously placed piece in the back right corner; the sloped part of the newly placed brick should be facing left. Place another slope brick symmetrically to the left of the previously placed piece. Place another slope brick in the same orientation as the first slope brick you placed, on the stud in the front right of the slope brick. Place the last slope brick symmetrically opposite it. Attach this sub-build to the rest of the body: Place the transparent yellow brick on the two studs of the 2x2 slope brick on the right side of the main body.

6. Sub-build: Make the torso. Locate one 2x4 aqua plate and place it horizontally in front of you.

7. Locate one transparent light blue 2x2 brick. Place it centered horizontally on the previously placed plate.

8. Locate two 1x2 transparent bricks with a stud on one side. Place one of them vertically with the stud facing left, to the left of the 2x2 brick. Place the other brick symmetrically on the right side.

Group 5 — the rest of the mermaid's torso and arms.

9. Continue the torso sub-build. Locate one transparent 2x2 brick. Place it in the center of the sub-build, on top of the already placed 2x2 brick.

10. Locate two 1x2 transparent quarter cylinder bricks. Place one to the left of the previously placed piece, with the flat side of the new piece facing that piece. Place the other symmetrically on the right side.

11. Make the mermaid's arms. Locate two transparent 1x1 plates and two transparent 1x2 curved slope tiles. Place one 1x1 plate in front of you. Place one curved slope tile on top of that plate, with the previously placed plate attached to the 1x1-wide cutout part of the curved slope tile. Repeat these steps to make a second plate and curved slope tile combination. Attach the mermaid's arms. Place one of these combined plates and curved slope tiles on the previously placed brick with a stud on one side; on the stud, attach the narrow side of the combined plate and curved slope tile. Repeat: Attach the combined plate and curved slope tile to the remaining previously placed brick with a stud on one side; on the stud, attach the narrow side of the combined plate and curved slope tile. The wider part of the arms should be facing you.

12. Attach the arm sub-build to the lower body of the mermaid: Place the 2x4 plate of the sub-build horizontally, with the arms of the body facing you, on the 2x4 remaining studs on the left side of the body.

Group 6 — the mermaid's head.

13. Make the mermaid's head. Locate one 2x4 double inverted curved slope with a smiling mouth and place it horizontally in front of you. (You can ask someone to identify that the mouth is facing you.)

14. Locate one cool yellow 1x2 brick. Place it centered horizontally in the back row.

15. Locate two cool yellow 1x2 inverted arch bricks. Place one horizontally to the left of the previously placed piece, with the curved part facing left and overhanging. Place the second one symmetrically on the right side.

16. Locate two 1x2 transparent bricks with a stud on one side. Place one horizontally on the left two studs of the double inverted curved slope, with the stud facing you. Place the other one horizontally on the right two studs of the double inverted curved slope, with the stud facing you.

17. Locate one 2x2 cool yellow brick. Place it centered horizontally on top of the rest of the build.

18. Locate two 1x2 cool yellow quarter cylinder bricks. Place one vertically to the left of the previously placed piece with the curved side facing left. Place the other symmetrically on the right side.

19. Locate two cool yellow 1x2 inverted arch bricks. Place one horizontally on the back left corner stud of the previously placed 2x2 brick, with the curved part facing left. Place the other horizontally on the back right corner stud of that 2x2 brick, with the curved part facing right.

20. Give the mermaid a hair bow. Locate two transparent light blue 1x1 slope tiles. Place one on the left stud in front of the two inverted slopes you just placed (on top of the 2x2 brick), with the slope going from the top left to the bottom right. Place the other symmetrically opposite that tile.

21. Attach the eyes. Locate two flat white 1x1 tiles with circular accents. Place one tile on the left-most previously placed 1x2 brick with a stud on one side. Place the other tile on the remaining 1x2 brick with a stud on one side. (You can ask someone to determine if the eyes are facing the same way.)

22. Attach the head to the body. Place the head, with its eyes facing you, horizontally on the 2x2 brick on the body, with the arms facing you.

Congratulations, you built the mermaid!

Group 7 — the star set.

1. Build the star. Locate a cool yellow 2x4 plate and a transparent yellow 1x2 brick. Place the plate in front of you horizontally. Place the brick centered horizontally in the back row of studs.

2. Locate two transparent yellow 2x2 inverted slope bricks. Place one of them to the left of the previously placed piece, with the sloped part facing the left side. Place the other one to the right of the previously placed 1x2 brick, with the sloped part facing the right side.

3. Locate two cool yellow 1x1 bricks with a stud on one side. Place one of them on the left stud of the 2x4 plate, with the stud facing you. Place the other one next to the 1x1 you just placed, with the stud facing you.

4. Locate a 2x4 cool yellow plate. Place it centered horizontally on top of the existing build.

5. Locate four transparent yellow 1x1 slope tiles. Place one each on the two left-side studs of the 2x2 slope brick on the left side of the build, with the sloped parts pointing downward to the left. Place one each on the two right-side studs of the 2x2 slope brick on the right side of the build, with the sloped parts pointing downward to the right.

6. Locate two 2x1 transparent yellow slope bricks. Place one on the four studs on the left side of the 2x4 plate, with the sloped part facing downward to the left. Place one on the remaining four studs of the plate, with the sloped part facing downward to the right.

7. Locate two transparent yellow 2x2 inverted slope bricks. Place one on the underside of the build, with its four studs attaching to the four left-side studs of the 2x4 plate, with the slope facing right. Place the other next to it symmetrically on the remaining studs of the 2x4 plate.

8. Attach the eyes and a hanging brick. Locate two flat white 1x1 tiles with curved lines (acting as eyes) and a 2x2 white plate with ring. Place one tile on the previously placed 1x1 brick with a stud on one side on the left side. Place the other tile on the remaining 1x1 brick with a stud on one side (next to the tile you just placed). (You can ask someone to determine if the eyes are facing the same way.) Attach the plate with ring centered horizontally on top of the build, with the ring positioned horizontally.

Congratulations, you built the star!

Bag 2, group 8 (the ghost set).

1. Build the ghost's body. Locate a transparent 2x4 brick and place it in front of you horizontally.

2. Locate a transparent 2x2 brick. Place it centered horizontally on top of the 2x4 brick.

3. Locate two transparent 1x2 bricks with studs. Place one vertically to the left of the 2x2 you just placed, with the stud facing left. Place the other vertically to the right of the 2x2, with the stud facing right.

4. Locate two 1x1 transparent slope tiles. Place one on the stud on the left side of the build, with the sloped part pointing downward and to the right. Place the other one on the stud on the right side of the build, with the sloped part pointing downward to the left.

5. Locate one 1x4 transparent brick and one transparent 1x2 brick with a stud on one side. Place the 1x4 centered horizontally on the back row. Place the 1x2 centered horizontally in the front row of studs, with the stud facing you.

6. Locate two 1x1 white bricks with studs. Place one to the left of the 1x2 brick you just placed, with the stud facing you. Place the other one symmetrically on the right side.

7. Locate one 2x2 transparent brick. Place it centered horizontally on top of the build.

8. Locate two 1x2 transparent quarter cylinder bricks. Place one vertically on the left side of the build, on top of the stud of the white 1x1 and the stud in the back left corner of the 1x4, with the curved part facing left. Place the other symmetrically on the right side.

9. Place the eyes. Locate two 1x1 flat white 1x1 tiles with the letter V. Place one on the stud of the 1x2 brick on the left side of the build. Place the other on the stud of the 1x2 brick on the right side of the build. (You can ask someone to determine if the eyes are positioned correctly.)

10. Finish the ghost's body. Locate two 2x4 transparent inverted quarter cylinder bricks. Rotate the build 90 degrees counterclockwise. Place one quarter cylinder brick horizontally under the build on the side farther from you, with the four studs on its right side attached to the bottom of the build. Place the other horizontally under the build on the side closer to you, with the four studs on its right side attached to the bottom of the build.

11. Attach a hanging brick. Locate one 2x2 white plate with ring. Rotate the build 90 degrees clockwise. Place it centered horizontally on top of the build, with the ring positioned horizontally.

Congratulations, you built the ghost!

Bag 2, groups 9 and 10 (the unicorn set).

Group 9 — the unicorn's legs and part of its head.

1. Build the unicorn's legs. Locate one 1x6x2 transparent arch brick. Place it horizontally in front of you.
2. Locate two 1x2 transparent light blue plates. Place one vertically under the left side of the arch's base, attaching to the arch the stud that is further away from you. Place the other vertically under the right side of the arch's base, attaching to the arch the stud that is further away from you.
3. Locate one 1x6x2 transparent arch brick. Attach it horizontally on the remaining studs of the plates you previously placed.
4. Locate one 2x4 transparent brick and one transparent 2x2 brick. Place the 2x4 horizontally on top of the build, flush with the left edge of the arches. Place the 2x2 on the remaining four studs of the arches.
5. Sub-build: Make the unicorn's head and the top of its body. Locate one white 2x8 plate and place it in front of you horizontally.
6. Attach the head and eyes. Locate two transparent 1x2 bricks with studs and two 1x1 flat white tiles with hearts. Place one 1x2 horizontally in front of you, with the stud facing you. Place the 1x1 tile on the stud of that brick. (You can ask someone to determine if the eye is positioned correctly.) Place one brick with stud horizontally on the first two studs on the left side of the plate on the front row, with the stud facing you. Repeat these steps: Place the other 1x2 horizontally in front of you, with the stud facing you. Place the 1x1 tile on the stud of that brick. (You can ask someone to determine if the eye is positioned correctly.) Place the brick with stud horizontally directly behind the brick you just placed, with the stud facing away from you.
7. Locate one transparent medium reddish violet 2x2 slope brick. Place it immediately next to the two bricks you just placed, with the sloped part facing right.
8. Locate one 1x2 transparent light blue plate and two transparent light blue 1x2x1 quarter cylinder bricks with cutouts. Place the 1x2 plate vertically in front of you. Place one quarter cylinder brick horizontally on the back stud of the plate, with the curved part attached to the plate and the cutout hanging over. Place the other quarter cylinder brick horizontally on the remaining stud of the plate, with the curved part attached to the plate and the cutout hanging over. Attach the cutout parts of those bricks to the left column of the head, with the curved parts hanging over the front of the head.

Group 10 — the rest of the unicorn's head and body.

9. Locate one white 1x2 plate with a stud on one side and one transparent yellow 2x2 slope brick. Place the 1x2 vertically on top of the two studs of the transparent light blue quarter cylinder bricks. Place the slope brick to the right of the plate you just placed, with the slope of the newly placed slope brick facing right.
10. Make the ears. Locate two 1x1 transparent slope tiles. Place one on the front stud of the previously placed slope brick, with the slope of the newly placed piece facing away from you. Place the other on the back stud of that slope brick, with the slope of the newly placed piece facing you.
11. Make the unicorn's horn. Locate one transparent yellow 1x1 cone and one gold conical horn. Place the cone in front of you with the wider part on the building surface. Place the base of the unicorn horn in the top of the cone. Place the cone on the stud of the previously placed plate.

12. Attach the unicorn's mouth. Locate one transparent 2x2 inverted bow. Place it under the 2x8 plate on the two leftmost columns (under the head), with the curved part facing right.

13. Attach the head to the body and legs: Place the 2x8 plate horizontally, with the head facing left, on top of the 2x4 and 2x2 of the lower body build, with the 2x2 on the right side.

14. Make and attach the tail. Locate one transparent light blue 1x2 plate and two transparent light blue 1x2x1 quarter cylinder bricks with cutouts. Place the plate vertically in front of you. Place one of the quarter cylinder bricks horizontally on the back stud of the plate, with the curved part attached to the plate and the cutout hanging over facing left. Place the other horizontally on the plate, with the curved part attached to it and the cutout hanging over facing left. Place the two cutouts of this build on the rightmost column on the 2x8 plate of the main body, with the curved part hanging over to the right.

15. Locate two transparent yellow 1x2 curved slope tiles. Place one horizontally with its cutout on the cutout of the back-row previously placed quarter cylinder brick and the other part of the new piece attached to the plate. Place the other one horizontally with its cutout on the cutout of the other previously placed quarter cylinder brick and the other part of the new piece attached to the plate.

Congratulations, you built the unicorn!

Pages 42-46 include images, but not instructions, as creative inspiration for making additional sets. Some of these images appear on the back and top of the box as well. The sets are a transparent blue narwhal with a pink tail; a shooting star with star-shaped eyes and a multicolored tail; a multicolored rocket ship, a smiling multicolored rain cloud; a multicolored whale tail coming out of the water; a smiling multicolored ice pop on a stick; a smiling transparent blue and pink penguin; a multicolored castle with a solid gold flag on top; a transparent pink, aqua and transparent blue dragon; three sizes of transparent ghosts; a merman with a transparent yellow and blue tail and a crown; and a mermaid with heart eyes, transparent yellow hair and a transparent pink tail.

Congratulations on finishing your build! Would you like to inspire other blind people to build LEGO sets? Let's feature your build on our [Builders page](#). It's easy and we will do all the work! Just contact us at info@bricksfortheblind.org and together we will make it happen!

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