

## **60439 Space Science Lab**

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Imaginative Play Without Limits LEGO City playsets take kids to the heart of the action with realistic vehicles, feature-rich structures and a diverse range of inspiring characters. From fire truck toys and fire station playsets to police stations with cool police car toys, these sets make great Christmas and birthday gifts for boys, girls and fans of creative play. And with an extensive variety of play themes, including LEGO City Trains, Airports, Space, Vehicles, Construction and Formula 1® building sets, there's a whole world for kids to create and explore. Set contains 560 pieces.

LEGO® City space-themed toy playset for ages 6 and up – This LEGO City Space Science Lab folds out to reveal a detailed space base with a series of rooms for futuristic space play and storytelling.

What's in the box? – This LEGO® City building set includes everything kids need to build a toy space science laboratory with a detailed interior and a planet exploration vehicle that accommodates a minifigure wheelchair, plus 2 space crew minifigures and an alien figure for imaginative role play and storytelling.

Outer space toy for kids who love creative play – Fold out the laboratory to unveil a botanical tower with alien plants, a control room with 2 workstations, sleeping quarters and a kitchen.

Dimensions – The space laboratory in this 560-piece set measures over 5 in. (13 cm) high, 8.5 in. (21 cm) wide and 5.5 in. (15 cm) deep.

The front of the box shows the space station! There are 2 astronauts outside examining a crystal and researching an alien!

The back of the box shows the interior of the space station! There is a large tree in the middle and the astronauts are researching the planet and the alien lifeforms!

The top of the box shows a real size image of an alien figure!

The build is 560 pieces in total and is for ages 6+.

Bag 1 includes the pieces for a minifigure, vehicle, and space station.

Bag 2 includes the pieces for the space station.

Bag 3 includes the pieces for a minifigure and the space station.

Bag 4 includes the pieces for an alien and the space station.

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).

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

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

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

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

**Lift-arms** - A lift-arm is a basic structural element, similar to a brick or a plate, but usually without any studs. It is a beam with rounded ends and with holes in it, with the same spacing as the studs on a LEGO brick. lift-arms come in a variety of lengths, including a 1x1 lift-arm which looks like a cylinder. Thick lift-arms are as wide as a LEGO brick, and thin lift-arms are half as wide as a LEGO brick, but not the same

thickness as a LEGO plate! The holes in a lift-arm arm may accept axles or pins. They also come in a variety of shapes, including tees, els and triangles.

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

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

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

For builders with low vision, or a sighted building partner may want to follow along with the printed visual instructions that come with each kit, or PDF versions are always online at LEGO.com for each set: (<https://www.lego.com/en-us/service/buildinginstructions/60439>) As low vision users may benefit from viewing the instructions on a personal device where they can zoom in on content and use assistive technologies to enhance the visuals.

Sorting the pieces:

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

This LEGO set comes with 4 bags labeled 1 to 4, 4 sets of instructions, and some loose pieces. Sort the pieces into groups or piles as described below. Note that where there are multiple colors of the same brick in a step, the colors will be split into 2 groups to make telling the difference easier for the builder! LEGO includes a few spare parts in case you lose something. Set these into their own group away from the rest, in case you need them later.

Bag 1 - Astronaut, Wheelchair, Vehicle, and Space Station

Group 1 - Page 5 and 1 black 1x2 slope tile from Step 1.

Group 2 - Rest of Step 1 and Steps 2-9.

Group 3 - Steps 10.

Group 4 - Steps 1-13.

Group 5 - Steps 14-29.

Group 6 - Steps 30-33 and 1 light grey 1x1 tile printed with a keypad from Step 34.

Group 7 - Rest of Step 34, Steps 35-39, and 1 white 1x1 tile from Step 40.

Group 8 - Rest of Step 40, Steps 41-47, and 8 light grey 2x2 triangle tiles from Steps 48-52.

Group 9 - Rest of Step 48-52 and Steps 53-57.

## Bag 2 - Space Station

Group 10 - Steps 1-12.

Group 11 - Steps 13-23.

Group 12 - Steps 24-27.

Group 13 - Steps 28-29.

Group 14 - Steps 30-34.

Group 15 - Steps 35-47.

Group 16 - Steps 48-54.

Group 17 - Steps 55-61.

## Bag 3 - Astronaut and Space Station

Group 18 - Page 3.

Group 19 - Steps 1-19.

Group 20 - Steps 20-32.

Group 21 - Steps 33-37.

Group 22 - Steps 38-44.

## Bag 4 - Alien and Space Station

Group 23 - Page 2.

Group 24 - Steps 1-7.

Group 25 - Steps 8-20.

Group 26 - Steps 21-32.

Group 27 - Steps 33-37 and 2 dark orange 1x2 plates from Step 38.

Group 28 - Rest of Step 38 and Steps 39-58.

Let's get to building!

Building Instructions (Bag 1, Book 1):

### Group 1 - Astronaut and Wheelchair

Sub-build 1.1. Locate a white pair of legs printed with a dark blue and gold belt and sand blue shoes, 1 white torso printed with sand blue and dark blue armor and green arms, 1 yellow head printed with eyes, lips, and a scar. Assemble your minifigure then put him in front of you.

Sub-build 1.2. Let's make a part! Place a green helmet in front of you so the opening faces the front. Then attach a transparent visor to the front. Now place it on top of your minifigure.

Sub-build 1.3. Let's make a part! Let's make a wheelchair! Place a dark grey wheelchair base in front of you so the handles face the back. Now horizontally attach a black bar with 2 wheels to the front bottom-facing clips. Then attach a black and silver wheel to the left-facing pin. Then repeat symmetrically to the right. Now sit your minifigure on top of the wheelchair! Then put them away while we make the next part!

You will have an extra black 1x2 slope tile. Save it for later!

### Group 2 - Vehicle

1. Horizontally place a black 2x6 plate in front of you. Then vertically place a black 1x2 slope tile from group 1 on the rightmost column so it slopes to the right.
2. Place a dark grey 2x2 plate to the left of the ppp. Now place a gold 2x2 tile with a stud on top of the ppp.
3. Vertically place a 1x2 plate with 2x2 upright side studs on the leftmost column so the side studs face the left. Then vertically place a black 1x2 plate to the right of the ppp.
- 4.1. Let's make 2 identical parts! Horizontally place a dark grey 1x2 brick with a pinhole in front of you. Now attach a black 3L pin axle into the front-facing hole so the 2L axle faces the front. Now attach a light grey 1L bushing to the front of the axle so it goes all the way in.
- 4.2. Now you should have 2 identical parts! Horizontally place 1 on the front left corner so the axle faces the front. Then repeat symmetrically to the back.
5. Horizontally place a black 1x2 plate with a stud and a clip on the front left corner so the clip is on the right. Then repeat symmetrically to the back.
- 6.1. Vertically place a white 1x2 slope tile with a sticker on the leftmost column so it slopes to the left.
- 6.2. Skip this step if you have already placed your sticker! Ask a helper to place sticker 4 on the white 1x2 slope tile. This sticker has an orange globe with a blue arrow around it. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.
7. Vertically attach a transparent 1x2 panel with a bar to the 2 top-facing clips so it is upright and centered vertically.
- 8.1. Let's make a part! Horizontally place a dark grey 1x2 rounded plate in front of you. Then place a transparent aqua 1x1 round tile on the right column. Then place the bar of a dark grey 1x1 round tile with an upright bar on the left column so the anti-stud faces up.
- 8.2. Vertically place your part upright on the back column of left-facing side studs so the 1x1 round tile is on top.
9. Vertically place a light grey 1x2 jumper plate with a rounded side upright on the front column of left-facing side studs so the round side faces the front. Then place a transparent aqua 1x1 round tile upright on the ppp.

### Group 3 - Vehicle

- 10.1. Let's make 2 identical parts! Horizontally place a dark grey 1x2 rounded plate in front of you. Then horizontally place a white 1x2 brick with an axle hole on top.
- 10.2. Place a transparent orange 1x1 round plate underneath the left column. Then repeat symmetrically to the right.
- 10.3. Horizontally place a dark orange 1x2 plate on top. Then horizontally place a light grey 1x2 grill slope tile on top so it slopes to the left.

10.4. Now you should have 2 identical parts! Attach 1 to the front-facing axle of the main build so the slope tile faces the left and slopes down. Then repeat symmetrically to the back.

10.5. Now place your wheelchair minifigure on top of the 2x2 tile with a stud that is on the 2nd and 3rd columns from the right, then put it away while we make the next part!

#### Group 4 - Space Station

1. Horizontally place a black 2x4 plate in front of you.
2. Horizontally place a black 2x4 plate on the front row so it is centered horizontally and overhangs 1 row to the front.
3. Place a black 2x2 sloped curved tile on the back left corner so it slopes to the back. Then repeat symmetrically to the right.
4. Horizontally place a dark grey 4x6 plate underneath the front row so it is centered horizontally and 3 rows are exposed to the front.
5. Horizontally place a dark grey 1x6 brick on the back row of the leftmost column so it overhangs 5 columns to the left. Then repeat symmetrically to the right.
6. Place a dark grey 2x2 plate underneath the 4th and 5th columns from the left so 1 row is exposed to the front. Then repeat symmetrically to the right.
7. Horizontally place a dark grey 2x16 plate on the 2nd and 3rd rows from the front so it is centered horizontally.
8. Place 2 black 2x2 sloped curved tiles, 1 to the right of the other, on the front 2 rows so they are centered horizontally and slope to the front. Now horizontally place a black 1x4 tile behind the 2 ppp.
9. Place a dark grey 2x2 plate with a cutoff corner underneath the front row of the 3rd and 4th columns of the 3rd row from the back so 1 row is exposed to the front and the cutoff corner faces the front left. Then repeat symmetrically to the right.
10. Place a black 4x4 round plate underneath the back right corner so 1 row is exposed to the back and 1 column is exposed to the right. Now horizontally place a light grey 1x2 jumper plate with a round side on the back row of the ppp so the round side faces the back. Then vertically place another 1 on the rightmost column of the previous 4x4 round plate so the round side faces the right.
11. Repeat the previous step symmetrically to the left.
12. Vertically place a dark grey 1x2 plate with a vertical clip on the short side on the front 2 rows of the 2nd column from the left so the clip faces the front. The vertical clip is the one with the clip hands facing up and down! Then vertically place a dark grey 1x2 rounded plate on top of the ppp. Now repeat both parts symmetrically to the right but this time, use a light grey 1x2 plate with a horizontal clip on the short side.

13. Place a light grey 1x1 slope tile on the leftmost column, on top of the 1x2 jumper plate with a round side so it slopes to the left. Then place another 1 on the back row on the leftmost 1x2 jumper plate with a round side so it slopes to the back. Now repeat both parts symmetrically to the right.

#### Group 5 - Space Station

14. Horizontally place a dark orange 1x2 plate on the back left corner. Then horizontally place a dark orange 1x4 plate to the right of the ppp. Now vertically place a dark orange 1x2 plate on the front 2 rows of the 2nd column from the left so it sits on the 1x2 rounded plate. Now repeat everything symmetrically to the right.

15. Place a white 1x2x5 curved panel on the back right corner so the curve faces the back right. Then place a white 1x1x3 brick with 2 clips in front of the right column of the ppp so the clips face the left.

16.1. Let's make a part! Place a white 2x2 inverted slope brick in front of you so it slopes to the back. Then horizontally place a gold 1x2 jumper plate on the back row. Now horizontally place a white 1x2 brick in front of the ppp.

16.2. Place your part on the back row to the left of the 1x2x5 curved panel so it slopes and overhangs 1 row to the back.

17.1. Let's make a part! Horizontally place a white 1x2 brick with 2 side studs in front of you so the side studs face the front. Then horizontally place a white 1x2x2 brick on top of the ppp. Now place a black 2x2 tile with a sticker upright on the front-facing side studs so 1 row overhangs to the top.

17.2. Skip this step if you have already placed your sticker! Ask a helper to place sticker 2 on the black 2x2 tile. This sticker has a dark blue intercom to talk to other astronauts! Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

17.3. Horizontally place your part on the 1x2 brick that is to the left of the back row of the 1x2x5 curved panel that is in the back right corner so the upright tile faces the front.

18. Horizontally place a white 1x2 inverted slope brick on the front row of the 2nd column from the right so it sits on the 1x1x3 brick with 2 clips and slopes and overhangs to the left. Now place a white 1x1 brick on the left column of the ppp. Then place a white 1x1 brick with a clip to the right of the ppp so the clip faces the front.

19. Place a white 3x3 quarter circle plate on the back right corner so the curve faces the back right and aligns with the curve of the 1x2x5 curved panel.

20. Place a white 1x2x5 curved panel on the back left corner so the curve faces the back left. Then place a white 1x1x3 brick with 2 clips in front of the left column of the ppp so the clips face the left.

21.1. Let's make a part! Horizontally place a white 1x2x2 brick in front of you. Then horizontally place a white 1x2 brick with 2 side studs on top so the side studs face the front. Then horizontally place a white 1x2 brick on top of the ppp.

21.2. Place a black 2x2 tile with a sticker upright on the front-facing side studs so 1 row overhangs to the top.

21.3. Skip this step if you have already placed your sticker! Ask a helper to place sticker 2 on the black 2x2 tile. This sticker has a dark blue computer with a folder with a green leaf on it. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

21.4. Horizontally place your part on the back row to the right of the 1x2x5 curved panel that is in the back left corner so the upright tile faces the front.

22. Horizontally place a white 1x2 brick with 2 side studs on top of the previous part so the side studs face the back. Now place a white 2x2 tile printed with an orange globe with a blue arrow around it upright on the side studs of the ppp so 1 row hangs down.

23. Horizontally place a white 1x2 inverted slope brick on the 2nd row from the front on the 2nd column from the left, on top of the 1x1x3 brick with 2 clips so it slopes and overhangs to the right. Now horizontally place a white 1x2 brick on top of the ppp.

24. Place a white 3x3 quarter circle plate on the back left corner so the curve faces the back left and aligns with the curve of the 1x2x5 curved panel.

25. Place a white 1x1x5 brick on the back row on the 5th column of studs from the left. Then repeat symmetrically to the right.

26. Rotate your build 180 degrees. Now stack 3 white 1x1x2/3 bricks with 2 side studs, on the front row of the 6th column of studs from the left so the side studs face the front. Then repeat symmetrically to the right.

27. Horizontally place a black 1x4x6 door frame in between the 2 previous stacks so the ridge faces the back.

28. Horizontally place the front row of a white 2x10 plate on top of the ppp so it is centered horizontally.

29. Place a sand blue 1x1 tile on the back left corner of the leftmost 3x3 quarter circle plate. Then place a sand blue 1x2 curved tile in front of the ppp so the curve faces the front left. Then repeat both parts symmetrically to the right.

#### Group 6 - Space Station

30. Horizontally place a black 1x6 plate on the front row of studs so it is centered horizontally. Then horizontally place a sand blue 1x3 tile to the left and right of the ppp. Now horizontally place a white 1x12 plate behind the 3 ppp so it is centered horizontally.

31.1. Let's make a part! Horizontally place a white 1x2 plate in front of you. Then place 2 magenta 1x1 round bricks, 1 to the right of the other, on top. Now horizontally place a white 1x2 tile printed with pink battery and blue bars on top.

31.2. Horizontally place your part on the front left corner so it sits on the 1x2 jumper plate and is centered horizontally on it.



32. Let's make a part! Place a black 1x1 plate in front of you. Then horizontally place a white 1x2 tile with a 1x1 slope tile on top so it slopes to the left and overhangs 1 column to the right.

33. Horizontally place a black 1x4 brick with a rail groove underneath the right column so the rail groove faces the front and 3 columns are exposed to the right.

You will have an extra light grey 1x1 tile printed with a keypad. Save it for later!

#### Group 7 - Space Station

34. Place a light grey 1x1 tile printed with a keypad on the 2nd column from the right. Then place a white 1x1 tile to the left of the keypad.

35. Horizontally place a white 1x4 tile on the rightmost column so 3 columns overhang to the right.

36. Horizontally place a black 1x4 brick with a rail groove underneath the 3 rightmost columns so the rail groove faces the front and 1 column is exposed to the right.

37. Vertically place your part upright on the left front-facing side studs so it slopes and hangs 2 rows to the bottom.

38. Let's make a part! Place a black 1x1 plate in front of you. Then horizontally place a white 1x2 tile with a 1x1 slope tile on top so it slopes to the right and overhangs 1 column to the left.

39. Horizontally place a black 1x4 brick with a rail groove underneath the left column so the rail groove faces the front and 3 columns are exposed to the left.

40.1. Place a white 1x1 tile on the 3rd column from the left.

#### Group 8 - Space Station

40.2. Place a transparent aqua 1x1 tile on the 2nd column from the left.

41. Horizontally place a white 1x4 tile on the leftmost column so 3 columns overhang to the left.

42. Horizontally place a black 1x4 brick with a rail groove underneath the 3 leftmost columns so the rail groove faces the front and 1 column is exposed to the left.

43. Vertically place your part upright on the right front-facing side studs so it slopes and hangs 2 rows to the bottom.

44. Horizontally place a white 1x6 tile upright on the top 2 front-facing side studs so it is centered horizontally.

45. Let's make a part! Horizontally place a black 4x8 plate in front of you. Then vertically place a dark grey 1x2 plate with an upright bar on the long side on the rightmost column so it is centered vertically and the bar faces the right.

46. Vertically place a black 1x2 plate on the leftmost column so it is centered vertically. Then horizontally place a tan 2x6 plate to the right of the ppp so it is centered vertically.

47. Horizontally place a dark grey 1x8 plate with a rail on the front row so it is centered horizontally and the rail faces the front. Then repeat symmetrically to the back.

You will have 8 extra light grey 2x2 triangle tiles. Save them for later!

#### Group 9 - Space Station

48.1. Place a light grey 2x2 triangle tile from group 8 on the back right corner so the right angle faces the back right.

48.2. Place a black 2x2 triangle tile on the back 2 rows to the left of the ppp so the right angle faces the back right. Then place another 1 to the right so the right angle faces the front left. Now place 1 on the front right corner so the right angle faces the back right.

49. Place a light grey 2x2 triangle tile to the front left of the ppp so the right angle faces the front left. Now place another 1 to the left of the ppp so the right angle faces the back right. Then place 1 behind the ppp so the right angle faces the front left. Now place another 1 on the back 2 rows to the left of the ppp so the right angle faces the back right. It should make a diagonal pattern.

50. Repeat the previous step to the left of the 4 ppp in the same pattern.

51. Place a black 2x2 triangle tile on the front left corner so the right angle faces the front left. Then fill in the rest of the studs that are to the back right of the ppp using 3 light grey 2x2 triangle tiles.

52. Vertically place your part upright behind the 1x6 tile and in between the 1x4 bricks with a rail groove by inserting it from the top down so the tiles face the front and the bar is on top. You can lift up the door by lifting on the bar!

53. Vertically attach a gold 4L bar to the 2 right-facing clips on the right side of the build so it is centered vertically on them.

54. Vertically place 2 black 1x2 plates with a stud and a clip, 1 to the right of the other behind the top-facing bar that is centered horizontally so they are centered horizontally and the clips are in the front.

55. Horizontally place a white 1x4 sloped curved tile on the back row of the 2 ppp so it is centered horizontally.

56. Horizontally place a sand blue 1x2 slope brick to the left of the 2 top-facing clips so it slopes to the left. Then repeat symmetrically to the right.

57. Attach the longer side of a transparent black quarter dome windshield to the 2 top-facing clips so the shorter part is on top and it slopes to the front. Make sure the top bar faces the back! Put your build away now while we make the next part!

Building Instructions (Bag 2, Book 2):

## Group 10 - Space Station

1. Horizontally place a dark grey 4x6 plate in front of you.
2. Horizontally place a dark grey 1x2 rounded brick with a gap on the back row so it is centered horizontally.
3. Horizontally place a black 1x2 tile on the back left corner so it overhangs 1 column to the left. Then place a black 1x1 slope tile to the right of the ppp so it slopes to the left. Then repeat both parts symmetrically to the right.
4. Place a dark grey 2x2 tile with a cutoff corner underneath the overhang in the back left corner so 1 row is exposed to the front and the cutoff corner faces the back left. Then repeat symmetrically to the right.
5. Horizontally place a dark grey 2x10 plate on the 2nd and 3rd rows from the front so it is centered horizontally.
6. Vertically place 2 black 1x1 tiles with a 1x1 slope tile, 1 to the right of the other, on the back 2 rows so they are centered horizontally and slope to the front.
7. Place 2 dark grey 1x2 plates with a 1x2 inverted sloped curved brick, 1 to the right of the other, on the front row so they are centered horizontally, and slope and overhang to the front. Then place a dark grey 1x1 plate to the left of the back row of the 2 ppp. Then repeat symmetrically to the right.
8. Horizontally place a dark grey 1x6 plate on the 2nd row from the front so it is centered horizontally.
9. Place a dark grey 2x2 plate with a cutoff corner underneath the front row of the 2 leftmost columns so 1 row is exposed to the front and the cutoff corner faces the front left. Then repeat symmetrically to the right.
10. Horizontally place a dark grey 1x2 rounded brick with a gap on the front right corner on top of the ppp. It should only sit on 1 stud. Then place a dark grey 1x1 plate to the left of the ppp. Now repeat both parts symmetrically to the left.
11. Horizontally place a black 1x4x4 window frame on the 2nd row from the front so it is centered horizontally and the ridge side faces the front. Then horizontally place a white 1x4 plate on top of the ppp.
12. Horizontally place a dark orange 1x1 tile with a round side on the front left corner so the round side faces the left. Then horizontally place a dark orange 1x2 plate to the right of the ppp. Now repeat both parts symmetrically to the right.

## Group 11 - Space Station

13. Vertically place a white 1x2x3 brick on the back left corner. Then vertically place a white 1x2x3 slope brick on top of the ppp so it slopes to the back. Now repeat both parts symmetrically to the right.
- 14.1. Let's make 2 identical parts! Horizontally place a white 1x3 rounded plate in front of you. Then horizontally place a white 1x2 plate on the 2 leftmost columns.

14.2. Place a white 1x1 tile with a round side on the rightmost column so the round side faces the right. Now place a white 1x1 plate on the leftmost column.

14.3. Place a white 1x1 plate with 2 side studs sticking up on the 2nd column from the left so the side studs face the right. Then horizontally place a white 1x2 brick on the 2 leftmost columns.

14.4. Now you should have 2 identical parts! Horizontally place 1 part on the front left corner so it only sits on 2 studs and the tile with the rounded side faces the left. Then repeat symmetrically to the right.

15.1. Let's make 2 identical parts! Horizontally place a white 1x2 plate in front of you. Then place a white 1x1 plate on the leftmost column. Then place a white 1x1 plate with 2 side studs sticking up on the right column so the side studs face the right.

15.2. Horizontally place a white 1x2 brick on top. Then horizontally place a white 1x2 plate on top of the ppp.

15.3. Now you should have 2 identical parts! Horizontally place 1 on the front row to the left of the 1x4x4 window frame so the side studs face the left. Then repeat symmetrically to the right.

16. Vertically place a white 1x4 half cylinder brick upright on the right-facing side studs. Then repeat symmetrically to the left.

17. Horizontally place a dark orange 1x6x4 brick with a gap in the center, 4 pin holes, inverted sloped and sloped sides on the front row so the flat side faces the front and it is centered horizontally.

18. Place 2 black 2x2 corner plates, 1 to the right of the other, on the front 2 rows so they are centered horizontally, the left one looks like the braille letter d, and the right one looks like the braille letter f.

19. Horizontally place a white 1x6 brick on the 2nd row from the front so it is centered horizontally. Then horizontally place a dark grey 1x2 rounded brick with a gap to the left of the ppp. Then repeat symmetrically to the right.

20. Horizontally place a silver 1x2 grill tile on the front row so it is centered horizontally. Then place a transparent orange 1x1 slope tile to the left of the ppp so it slopes to the left. Then repeat symmetrically to the right.

21. Vertically place a white 1x2 rounded plate on the front left corner. Then repeat symmetrically to the right.

22. Horizontally place a white 2x8 plate in between the 2 ppp so it is centered horizontally and overhangs 1 row to the back.

23. Horizontally place a white 1x10 plate on the back row of the ppp so it is centered horizontally.

## Group 12 - Space Station

24. Horizontally place a black 1x2 plate with a bar on the long side on the front row of studs so it is centered horizontally and the bar faces the front. Now horizontally place a sand blue 1x2 plate to the left

of the ppp. Then place a sand blue 1x1 tile to the left of the ppp, then place a sand blue 1x1 quarter circle tile to the left of the ppp so the curve faces the front left. Now repeat all 3 parts symmetrically to the right.

25. Vertically place 2 black 1x2 plates with a stud and a clip, 1 to the right of the other, on the front 2 rows of studs so they are centered horizontally and the clips are in the front.

26. Horizontally place a white 1x4 sloped curved tile on the back row of the 2 ppp so it is centered horizontally.

27. Horizontally place a sand blue 1x2 slope brick to the left of the 2 top-facing clips so it slopes to the left. Then repeat symmetrically to the right.

### Group 13 - Space Station

28.1. Let's make a part! Place a white 6x6 rounded plate upside down in front of you. Now horizontally place 2 black 1x2 plates with a bar on the short side, 1 in front of the other, on the 2 leftmost columns so they are centered vertically and the bars face the left.

28.2. Vertically place a white 1x2 plate on the rightmost column so it is centered vertically. Now attach 2 dark grey bent bars with 2 clips to the 2 left-facing bars so the other clips face the top left.

28.3. Attach the clips of your part to the front-facing bar of the 1x2 plate with a bar of the main build so the 6x6 rounded plate hangs down and the studs face the front. This is the entrance!

29. Attach the long side of a transparent black quarter dome windshield to the 2 top-facing clips so the shorter part is on top and it slopes to the front. Make sure the top bar faces the back! Put your build away now while we make the next part!

### Group 14 - Space Station

30. Let's make a part! Horizontally place a dark tan 2x4 plate in front of you. Then vertically place a dark tan 1x2 plate underneath the rightmost column.

31. Horizontally place a dark tan 3x6 trapezoid plate underneath the front left corner so the short side is exposed 2 rows to the front and 3 columns are exposed to the left. Then repeat symmetrically to the back.

32. Horizontally place 2 tan 1x2 plates with a clip on the short side, 1 in front of the other, on the 2 rightmost columns so the clips face the right. Then place a dark tan 2x2 plate to the left of the 2 ppp so it is centered vertically.

33. Horizontally place a dark tan 2x4 plate on the 4 rightmost columns so it is centered vertically.

34. Place a red brown 2x2 slope brick to the left of the ppp so it is centered vertically and slopes to the left.

### Group 15 - Space Station

35. Place a transparent pink 1x1 pyramid tile on the front row of the 2nd column from the left. Then repeat symmetrically to the back. Now place a transparent purple 2x2 slope brick on the back 2 rows to the right of the ppp so it slopes to the back.

36. Place a light blue 2x2 tile with a stud on the 4th and 5th columns from the right so it is centered vertically.

37. Place a transparent purple 1x1 crystal on top of the ppp.

38.1. Let's make a part! Horizontally place a red brown 1x2 brick in front of you. Then place a transparent pink 1x1 brick on the right column. Now place a red brown 1x1 brick with a side stud on the left column so the side stud faces the left. Then horizontally place a dark tan 1x2 plate on top of the 2 ppp.

38.2. Horizontally place your part on the 2nd row from the back, on top of the 2x2 slope brick so the side stud faces the left.

39. Vertically place 2 red brown 1x2x3 inverted slope bricks, 1 to the right of the other, on the 2nd row from the front, to the right of the 1x1 pyramid tile so they slope to the front.

40. Place a dark tan 2x2 plate on top of the 2 ppp so there is no overhang.

41. Vertically place a red brown 1x4 arch brick on the 3rd column from the left so it is centered vertically. Then vertically place another 1 to the right of the ppp.

42. Place a transparent pink 1x1 pyramid tile in front of the ppp.

43. Horizontally place a red brown 1x2 brick on the back row of the 2 arch bricks. Then place a red brown 1x1 brick with a side stud in front of the left column of the ppp so the side stud faces the left. Then place a transparent pink 1x1 brick to the right of the ppp.

44. Place a transparent purple 2x2 slope brick in front of the 2 ppp so it slopes to the front.

45. Vertically place a dark tan 2x3 plate on top of the ppp and 2x2 studs so there is no overhang.

46. Place a transparent purple 2x2 slope brick on the back 2 rows of the ppp so it slopes to the back. Then place a red brown 1x1 brick with a side stud in front of the left column of the ppp so the side stud faces the left. Then place 1 to the right of the ppp so the side stud faces the front.

47. Let's make 3 identical parts! Place a purple 1x1 round plate with 3 leaves in front of you so the leaves face the front. Now place a light blue 1x1 round flower plate on top.

47.2. Rotate your part 90 degrees counterclockwise so the clips face the back. Now place 1 part upright on the bottom left front-facing side stud so the leaves face the left. Then place 1 upright above the ppp so the leaves face the left. Now place 1 more upright on the right-facing side stud so the leaves face the back.

48. Let's make a part! Place a dark tan 2x2 plate in front of you. Now horizontally place a red brown 1x2x3 inverted slope brick on the back left corner so it slopes and overhangs to the left.

49. Vertically place another 1 on the back right corner so it slopes and overhangs to the back.
50. Horizontally place a red brown 1x2x3 inverted slope brick on the front right corner so it slopes and overhangs to the right. Then vertically place 1 to the left so it slopes and overhangs to the front.
51. Place a dark tan 2x2 plate on top so it is centered.
52. Place a dark tan 1x1 plate on the rightmost column. Then place 1 on the leftmost column. Now place a transparent pink 1x1 pyramid tile on the front row. Then place another 1 on the back row.
53. Place a red brown 1x1 brick with a side stud in front of the ppp so the side stud faces the right. Then horizontally place a red brown 1x2 slope brick to the left of the ppp so it slopes to the left.
54. Place a red brown 1x1 brick with a side stud on the front left corner so it sits behind the 1x1 pyramid tile and the side stud faces the left. Then horizontally place a red brown 1x2 slope brick to the right of the ppp so it slopes to the right.

#### Group 17 - Space Station

55. Place a black 2x2 plate on top so it is centered.
56. Place a light grey 2x2 round brick on top of the ppp. Then place a black 2x2 plate on top.
57. Place a white 4x4 dish on top of the ppp so it is centered.
58. Place your part on top of your previous part so it is centered on the 2x2 slope brick and 1x1 bricks with a side stud.
- 59.1. Let's make 3 identical parts! Place a purple 1x1 round plate with 3 leaves in front of you so the leaves face the back. Now place a magenta 1x1 crown on top. Then place a light blue 1x1 round flower plate on top. Then place a light purple frog on top so it faces the front.
- 59.2. Attach the stud of a black elephant trunk underneath your part so the bar faces down and to the back. Now you should have 3 identical parts! Attach the bar of the curved bar of 1 part to the front-facing side stud of the 1x1 brick with a side stud so it hangs down. Then attach 1 to the top right-facing side stud so it hangs down. Then repeat symmetrically to the left.
60. Rotate your part so the clips face the left. Then bring back your previous part and orient it so the upright 6x6 rounded plate faces the left. Now attach the 1x2 rounded brick that is centered vertically on the rightmost column to the 2 left-facing clips of the other part.
61. Now bring back your main build from bag 1 and orient it so it is vertical and the door with the triangle tiles face the left. Now attach the 2 back right-facing clips to the 1x2 rounded bricks with a gap that are on the front left corner of your previous part. Now put your build away while we make the next part!

#### Building Instructions (Bag 3, Book 3):

#### Group 18 - Astronaut

Sub-build 2.1. Locate a white pair of legs printed with a dark blue and gold belt and sand blue shoes, 1 white torso printed with sand blue and dark blue armor and dark blue arms, 1 light blue backpack, 1 yellow head printed with eyes, lips, and eyelashes. Assemble your minifigure then put her in front of you.

Sub-build 1.2. Let's make a part! Place a dark blue helmet in front of you so the opening faces the front. Then attach a transparent visor to the front. Now place it on top of your minifigure. Now put your astronaut away while we make the next part!

#### Group 19 - Space Station

1. Horizontally place a dark grey 4x6 plate in front of you.
2. Horizontally place a dark grey 1x4 brick on the back row so it is centered horizontally.
3. Horizontally place a dark grey 1x6 brick on the back left corner so it overhangs 5 columns to the left. Then repeat symmetrically to the right.
4. Place a dark grey 2x2 plate underneath the 4th and 5th columns from the left so 1 row is exposed to the front. Then repeat symmetrically to the right.
5. Horizontally place a dark grey 2x16 plate on the 2nd and 3rd rows from the front so it is centered horizontally.
6. Place a dark grey 2x2 plate with a cutoff corner underneath the front row of the 4th and 5th columns from the left so 1 row is exposed to the front and the cutoff corner faces the front left. Then repeat symmetrically to the right.
7. Place a black 4x4 round plate underneath the back right corner so 1 row is exposed to the back and 1 column is exposed to the right. Now horizontally place a light grey 1x2 jumper plate with a round side on the back row of the ppp so the round side faces the back. Then vertically place another 1 on the rightmost column of the previous 4x4 round plate so the round side faces the right.
8. Repeat the previous step symmetrically to the left.
9. Vertically place a dark grey 1x2 plate with a horizontal clip on the short side on the front 2 rows of the 2nd column from the left so the clip faces the front. Then vertically place a dark grey 1x2 rounded plate on top of the ppp. Now repeat both parts symmetrically to the right.
10. Place a light grey 1x1 slope tile on the leftmost column, on top of the 1x2 jumper plate with a round side so it slopes to the left. Then place another 1 on the back row on the leftmost 1x2 jumper plate with a round side so it slopes to the back. Now repeat both parts symmetrically to the right.
11. Horizontally place 2 dark orange 1x8 plates, 1 to the right of the other, on the back row so they are centered horizontally. Then vertically place a dark orange 1x2 plate in front of the rightmost column of the 2 ppp. Then repeat symmetrically to the left.
12. Horizontally place a black 2x3x2 cabinet to the right of the ppp so the opening faces the front. Now attach a transparent aqua cabinet door to the front so it opens to the left.



13. Vertically place a black 1x2 brick to the right of the previous 2x3x2 cabinet.
14. Horizontally place 2 black 1x3x1 panels, 1 to the right of the other, to the right of the front row of the ppp so the walls face the back.
15. Vertically place the front row of a black 1x2 brick to the right of the ppp.
16. Place a white 1x2x5 curved panel on the back left corner so the curve faces the back left.
- 17.1. Let's make a part! Horizontally place a white 1x3 brick in front of you. Then place a white 1x1x3 brick on the leftmost column. Then horizontally place a white 1x2x3 brick to the right of the ppp.
- 17.2. Horizontally place your part to the right of the back row of the previous 1x2x5 curved panel.
- 18.1. Let's make 3 identical parts! Horizontally stack 2 transparent black 1x2x2 panels in front of you so the walls face the back.
- 18.2. Now you should have 3 identical parts! Horizontally place them, 1 to the right of the other, on the back row to the right of the previous part so the walls face the back.
19. Horizontally place a white 1x3 brick on the back row to the right of the ppp. Then horizontally place a white 1x2x3 brick on the 2 leftmost columns of the ppp.

#### Group 20 - Space Station

20. Let's make a part! Place a white 1x1x2/3 brick with 2 side studs in front of you so the side studs face the front. Then place a white 1x1 brick on top.
21. Place a white 1x1 plate with a clip on top of the ppp so the clip faces the front.
22. Place a light grey 1x1 round plate upright on the top front-facing side stud. Then place a light grey 1x1 round plate with a horizontal bar upright on the ppp so the bar faces down.
23. Attach a light grey 1x1 rounded plate with a bar to the front-facing clip so the stud faces up. Then place a light grey 1x1 round plate underneath the ppp.
24. Place your part on the back row of the 3rd column of studs from the right so the side stud faces the front.
25. Place a white 1x2x5 curved panel on the back right corner, to the right of the previous part so the curve faces the back right. Then horizontally place 2 white 1x6 bricks, 1 to the left of the other, to the left of the back row of the ppp.
26. Place a white 1x1 mug on the front row of the 3rd column from the left so the handle faces the left.
27. Horizontally place a black 2x8 plate to the right of the 2x3x2 cabinet that is on the front left corner.
28. Let's make a part! Horizontally place a white 1x2x3 brick in front of you. Then horizontally place a white 1x2 plate on top of the ppp.

29. Place a white 1x1 plate on the rightmost column. Then place a white 1x1 plate with a clip on the leftmost column so the clip faces the left.

30. Horizontally place a white 1x2 slope brick on top so it slopes to the left.

31. Attach a silver ring with a bar to the left-facing clip so it hangs down.

32. Vertically place your part on the 2nd and 3rd rows from the front of the 5th column from the left so it sits to the right of the cabinet and slopes to the front.

#### Group 21 - Space Station

33. Vertically place a light grey 1x2 plate to the right of the previous part. Then place a light grey 2x2 sloped curved tile on top of the ppp so it slopes to the right.

34. Vertically place 3 sand blue 1x2 ingot tiles, 1 to the right of the other, to the right of the ppp. Then vertically place a tan 1x2 panel with a middle wall to the right of the ppp so the middle wall faces the left.

35.1. Let's make a part! Horizontally stack 2 white 1x2 bricks in front of you.

35.2. Place 2 white 1x1x2/3 bricks with 2 side studs, 1 to the right of the other, on top so the side studs face the front.

35.3. Horizontally place a white 1x2 slope brick on top so it slopes to the right.

35.4. Place a black 2x2 tile with a sticker upright on the front-facing side studs.

35.5. Skip this step if you have already placed your sticker! Ask a helper to place sticker 6 on the black 2x2 tile. This sticker has a guy kicking a soccer ball on the grass. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

35.6. Vertically place your part on the 2nd and 3rd rows from the front, to the right of the previous 1x2 panel with a middle wall so it slopes to the front.

36.1. Let's make 2 identical parts! Place a white 1x1 brick in front of you. Then place a white 1x1x3 brick on top. Now place a white 1x1 brick with a clip on top so the clip faces the front.

36.2. Now you should have 2 identical parts! Place 1 on the front right corner, in front of the 1x2x5 curved panel so the clip faces the front. Then repeat symmetrically to the left.

37. Horizontally place a white 2x10 plate on the back 2 rows so it is centered horizontally. Then place the back 2 rows of a white 3x3 quarter circle plate to the left of the ppp so the curve faces the back left. Then repeat symmetrically to the right.

#### Group 21 - Space Station

38.1. Horizontally place 2 sand blue 1x3 plates, 1 to the right of the other, on the back row so they are centered horizontally. Now horizontally place a sand blue 1x3 tile to the left and right of the 2 ppp.

38.2. Place a sand blue 1x1 tile on the front left corner. Then place a sand blue 1x2 curved tile behind the ppp so the curve faces the back left. Now repeat both parts symmetrically to the right.

39. Horizontally place a white 1x12 plate on the 2nd row from the back so it is centered horizontally.

40. Vertically place 2 black 1x2 plates with a stud and a clip, 1 to the right of the other on the back 2 rows so they are centered horizontally and the clips are in the back.

41. Horizontally place a white 1x4 sloped curved tile on top of the front row of the 2 ppp so it is centered horizontally. Now horizontally place a sand blue 1x2 slope brick to the left of the 2 top-facing clips so it slopes to the left. Then repeat symmetrically to the right.

42-43. Attach the long side of a transparent black quarter dome windshield to the 2 top-facing clips so the shorter part is on top and it slopes to the back. Make sure the top bar faces the front!

44. Bring back your main build and orient it so it is horizontal and the tree is in the front right. Now attach the leftmost front-facing clips of your current build to the back right corner of the main build so it attaches to the 1x2 rounded bricks with a gap. Now put it away while we make the next part!

Building Instructions (Bag 4, Book 4):

#### Group 23 - Alien

Sub-build 3.1. Let's make an alien! Horizontally place a little white body printed with an orange sphere and a blue arrow around it in front of you. Now place a lime green head printed with 3 eyes on top.

Sub-build 3.2. Let's make a part! Place a light blue helmet in front of you so the opening faces the front. Then attach a transparent visor to the front. Now place it on top of your alien's head. Now put your alien away while we make the next part!

#### Group 24 - Space Station

1. Horizontally place a dark grey 4x6 plate in front of you.

2. Horizontally place a dark grey 2x10 plate on top so it is centered horizontally and vertically.

3. Place a dark grey 2x2 plate with a cutoff corner underneath the front left corner so 1 row is exposed to the front and the cutoff corner faces the front left. Then repeat symmetrically to the back. Now repeat both parts symmetrically to the right.

4. Place 2 dark grey 1x2 plates with a 1x2 inverted sloped curved brick, 1 to the right of the other, on the back row so they are centered horizontally and they slope and overhang to the back.

5. Horizontally place a dark grey 1x4 plate on the 2nd row from the back so it is centered horizontally.

6. Place a dark grey 1x1 brick to the left of the ppp. Now horizontally place a dark grey 1x2 rounded brick with a gap to the left of the ppp so it sits on 1 stud. Now horizontally place a light grey 1x2 brick with a

hinge connector on the short side to the right of the previous 1x4 plate that is on the 2nd row from the back so the hinge connector faces the right.

7. Horizontally place a dark orange 1x2 plate on top of the ppp. Now place a dark orange 1x1 tile with a round side on the back left corner on top of the 1x2 rounded brick with a gap so the round side faces the left. Now horizontally place a dark orange 1x2 plate to the right of the ppp.

#### Group 25 - Space Station

8. Horizontally place a black 1x4x4 window frame on the 2nd row from the back so it is centered horizontally and the ridge faces the back. Then horizontally place a white 1x4 plate on top of the ppp.

9. Horizontally place a dark orange 1x6x4 brick with inverted sloped and sloped sides, a center gap, and 4 pinholes on the back row so the flat side faces the back and it is centered horizontally.

10. Place 2 black 2x2 corner plates, 1 to the right of the other, on the back 2 rows so they are centered horizontally, the left one looks like the braille letter j, and the right one looks like the braille letter h.

11. Horizontally place a silver 1x2 grill tile on the back row so it is centered horizontally. Now place a transparent orange 1x1 slope tile to the left of the ppp so it slopes to the left. Then repeat symmetrically to the right.

12. Let's make a part! Horizontally place a white 1x3 rounded plate in front of you. Then horizontally place a white 1x2 plate on the 2 rightmost columns.

13. Place a white 1x1 tile with a round side on the leftmost column so the round side faces the left.

14. Place a white 1x1 plate on the rightmost column. Then place a white 1x1 plate with 2 side studs sticking up to the left of the ppp so the side studs face the left.

15. Horizontally place a white 1x2 brick on the 2 rightmost columns. Then horizontally place a white 1x2 plate on top of the ppp.

16. Place a white 1x1 plate on the rightmost column. Now place a white 1x1 plate with 2 side studs sticking up to the left of the ppp so the side studs face the left.

17. Horizontally place a white 1x2 brick with 2 side studs on the 2 rightmost columns so the side studs face the front. Then horizontally place a white 1x2 plate on top of the ppp.

18. Vertically place a white 1x4 half cylinder brick upright on the left-facing side studs.

19.1. Place a black 2x2 tile with a sticker upright on the front-facing side studs so 1 row overhangs to the bottom.

19.2. Skip this step if you have already placed your sticker! Ask a helper to place sticker 5 on the black 2x2 tile. This sticker has a dark blue background with an audio meter on it. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

20. Horizontally place your part on the back left corner so the 1x4 half cylinder brick faces the left.

## Group 6 - Space Station

21. Place a white 1x1 brick on the back row to the right of the 1x4x4 window frame. Then horizontally place a white 1x2 brick to the right of the ppp so 1 column overhangs to the right.

22.1. Let's make a part! Horizontally place a white 1x3 brick with a sticker in front of you.

22.2. Skip this step if you have already placed your sticker! Ask a helper to place sticker 7 on the white 1x3 brick. This sticker has an orange arrow on it. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

22.3. Rotate your part 180 degrees Then place 2 white 1x1x2/3 bricks with 2 side studs, 1 to the right of the other, on the 2 leftmost columns so the side studs face the front. Then horizontally place a white 1x2 plate on top of the 2 ppp.

22.4. Place a black 2x2 tile with a sticker upright on the front-facing side studs.

22.5. Skip this step if you have already placed your sticker! Ask a helper to place sticker 3 on the black 2x2 tile. This sticker has a dark blue background with a purple crystal on it with a chemical formula next to it. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

22.6. Stack 2 white 1x1 bricks on the rightmost column.

22.7. Horizontally place your part on the back right corner, to the right of the 1x4x4 window frame so the upright tile faces the front.

23. Horizontally place a white 1x8 brick on the back right corner. Then horizontally place a dark grey 1x2 rounded brick with a gap to the left of the ppp so it only sits on 1 stud.

24. Vertically place a white 1x2x3 brick on the front 2 rows of the rightmost column. Then vertically place a white 1x2x3 slope brick on top of the ppp so it slopes to the front. Now repeat both parts symmetrically to the left.

25. Horizontally place a white 2x8 plate on the back row so it is centered horizontally and overhangs 1 row to the front. Then vertically place a white 1x2 rounded plate to the left and right of the ppp.

26.1. Let's make a part! Place a black 2x2 brick in front of you. Then place a dark grey 2x2 round tile with a stud on top. Now place a magenta 1x1 round brick on top of the ppp. Then place a white 1x1 round tile printed with a battery on top.

26.2. Place your part on the 2nd and 3rd rows from the front, and 2nd and 3rd columns from the left, so it sits underneath the front-facing 2x2 tile.

27.1. Let's make a part! Place a black 2x2 brick in front of you. Then horizontally place a light grey 1x2 jumper plate with a round side on the back row so the round side faces the back. Then repeat symmetrically to the front.

27.2. Place a transparent purple 1x1 round tile on the front row. Now vertically place a dark grey 1x1 plate with a 1x1 sloped curved brick on top of the back row so it slopes to the back and overhangs 1 row to the front. Then place a light grey pair of binoculars on top of the ppp so the larger circles face the front.

27.3. Place your part on the 2nd and 3rd rows from the front, and 2nd and 3rd columns from the right, so it sits underneath the front-facing 2x2 tile.

28. Horizontally place 2 sand blue 1x3 plates, 1 to the right of the other, on the back row so they are centered horizontally. Then horizontally place a white 1x10 plate in front of the 2 ppp so it is centered horizontally.

29. Place a sand blue 1x1 quarter circle tile on the back left corner so the curve faces the back left. Then place a sand blue 1x1 tile to the right of the ppp. Now repeat both parts symmetrically to the right.

30. Vertically place 2 black 1x2 plates with a side stud and clip, 1 to the right of the other, on the back 2 rows so they are centered horizontally and the clips are in the back.

31. Horizontally place a white 1x4 sloped curved tile on the front row of the 2 ppp so it is centered horizontally. Now horizontally place a sand blue 1x2 slope brick to the left of the 2 top-facing clips so it slopes to the left. Then repeat symmetrically to the right.

32. Attach the long side of a transparent black quarter dome windshield to the 2 top-facing clips so the shorter part is on top and it slopes to the back. Make sure the top bar faces the front!

#### Group 27 - Space Station

33. Let's make a part! Place a black 6x6 plate in front of you. Then horizontally place a dark grey 1x2 log brick on the back right corner.

34. Place a dark grey 1x2 plate with a 1x2 inverted slope brick on the rightmost column, in front of the ppp so it slopes and overhangs to the right.

35. Horizontally place a gold 2x2 tile with a stud on the 2nd and 3rd columns from the left so it is centered vertically. Then horizontally place a gold 1x2 grill tile to the right of the back row of the ppp.

36. Place a dark grey 1x2 log brick on the front right corner. Then place a dark grey 1x2 plate with a 1x2 inverted slope brick on the rightmost column, behind the ppp so it slopes and overhangs to the right.

37. Place a black 2x2 sloped curved tile on the leftmost column so it is centered vertically and slopes and overhangs to the left. Now place a transparent aqua 1x1 round tile on the front left corner. Then repeat symmetrically to the back.

38.1. Rotate your part 90 degrees counterclockwise so the 2x2 sloped curved tile faces the front. Now vertically place a dark orange 1x2 plate on the back left corner. Then repeat symmetrically to the right.

#### Group 28 - Space Station

38.2. Vertically place a white 1x2 plate on the back left corner. Then repeat symmetrically to the right.

39. Horizontally place a dark orange 1x6x4 brick with inverted sloped and sloped sides, a center gap, and 4 pinholes on the back row so the flat side faces the back and it is centered horizontally. Now insert a black 2L pin into the left back-facing hole of the ppp. Then repeat symmetrically to the right.

40. Let's make a part! Horizontally place a light grey 1x4 brick with 4 side studs in front of you so the side studs face the front. Then place a white 2x2 inverted slope brick on top so it is centered horizontally and slopes and overhangs to the front.

41. Place a white 1x1x2/3 brick with 2 side studs on the leftmost column so the side studs face the front. Then repeat symmetrically to the right.

42. Horizontally stack 2 log bricks on top so they are centered horizontally.

43. Horizontally place a white 1x2 plate on top of the ppp so it is centered horizontally. Now place a white 1x1x2/3 brick with 2 side studs on the leftmost column so the side studs face the front. Then repeat symmetrically to the right.

44. Horizontally place a gold 1x2 jumper plate on the front row so it is centered horizontally.

45. Place a sand blue 2x2 corner tile with a cutoff corner upright on the bottom left front-facing side studs so the cutoff corner faces the bottom left. Then vertically place a sand blue 1x2 tile upright above the ppp. Now repeat both parts symmetrically to the right.

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

47. Vertically place a white 1x2x3 slope brick to the left of the previous part so it slopes to the front. Then repeat symmetrically to the right.

48. Horizontally place a white 1x6 plate on the 2nd row from the back so it is centered horizontally.

49. Place a black 2x2 plate on the back 2 rows so it is centered horizontally.

50. Horizontally place a silver 1x2 grill tile on the back row so it is centered horizontally. Then place a transparent orange 1x1 slope tile to the left of the ppp so it slopes to the left. Then repeat symmetrically to the right.

51. Horizontally place 2 white 1x3 sloped curved bricks, 1 to the right of the other, on the 2nd row from the back so they are centered horizontally and slope outwards to the left and right.

52. Place the left column of a sand blue 2x2 corner tile with a cutoff corner upright on the left front-facing side stud so the cutoff corner faces the top left. Then repeat symmetrically to the right.

53.1. Let's make a part! Horizontally place a white 1x2 plate in front of you. Then place 2 magenta 1x1 round bricks, 1 to the right of the other, on top. Now horizontally place a white 1x2 tile printed with pink battery and blue bars on top.

53.2. Horizontally place your part on the 1x2 jumper plate that is in front of the 2 ppp so it is centered horizontally.

54. Bring back your previous sub-build and orient it so it is horizontal and the 1x6x4 brick with inverted sloped and sloped sides is in the front. Now attach the back-facing pins of your part to the front-facing pinholes of the previous sub-build.

55. Bring back your main build so it is horizontal and the tree is in the front. Now attach the 2 rightmost front-facing clips of the main build to the 1x2 rounded bricks with a gap that are on the leftmost column of your current build.

56-58. Rotate all the sides of your main build so the quarter domes create a dome and the outside walls form a square.

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](mailto:info@bricksfortheblind.org) and together we will make it happen!

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