

## **40921 Up-Scaled Blue Astronaut Minifigure**

Adapted by John Le and tested by Peter Durieux.

Thrill LEGO® fans ages 10 and up with this Up-Scaled Blue Astronaut Minifigure building set (40921) inspired by the iconic LEGO astronaut minifigure first seen in 1984. Kids will have lots of fun building the collectible figure before discovering its movable arms, legs and hands, plus a mini robot and rocket hidden inside its helmet. A great birthday gift for boys, girls and kids who love astronaut toys, this set makes cool space decor once it's complete. Set contains 793 pieces.

**ASTRONAUT TOY** – Give LEGO® enthusiasts a fun project with this LEGO Up-Scaled Blue Astronaut Minifigure (40921) building set for boys and girls ages 10 and up.

**FULL OF DETAILS** – This collectible LEGO® minifigure features movable arms, legs and hands, plus mini robots and a rocket hidden inside its helmet.

**PLAY-AND-DISPLAY TOY FOR KIDS** – Once space fans have finished building and posing the astronaut figure, they can display it as space decor.

**COLLECTIBLE LEGO® SET** – This LEGO astronaut building kit becomes a collectible figure and can be displayed with other up-scaled minifigures, sold separately.

**DIMENSIONS** – The 793-piece up-scaled astronaut minifigure stands over 10 in. (26 cm) tall

The front of the box shows a large blue astronaut minifigure in a blue suit, blue helmet, and a gold circle with a red plane flying from it on his chest. He also has a yellow head with a smiley face!

The back of the box shows the large blue astronaut sitting down. There is also a smaller picture which shows you can move his hands, arms, and head.

The top of the box shows a logo which has a gold circle with a red plane flying from it on his chest.

The build is 793 pieces in total and is for ages 10+.

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, ells and triangles.

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

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

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

For builders with low vision, or a sighted building partner 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/40921>) 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 8 bags labeled 1 to 8, 1 set 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 - Up-Scaled Blue Astronaut Minifigure

Group 1 - Steps 1-10.

Group 2 - Steps 11-17 and 1 yellow 1x4 brick with 3 pinholes from Step 18.

Group 3 - Rest of Step 18 and Steps 19-21.

Group 4 - Steps 22-28 and 1 yellow 1x4 brick with 3 pinholes from Step 29.

Group 5 - Rest of Step 29 and Steps 30-33.

Group 6 - Steps 34-35.

Bag 2 - Up-Scaled Blue Astronaut Minifigure

Group 7 - Steps 36-43.

Group 8 - Steps 44-58.

Group 9 - Steps 59-62.

Bag 3 - Up-Scaled Blue Astronaut Minifigure

Group 10 - Steps 63-75 and 1 yellow 1x2 brick with an axle hole from Step 76.

Group 11 - Rest of Step 76, Steps 77-83 and 1 white 1x2 brick with an axle hole from Step 84.

Group 12 - Rest of Step 84 and Steps 85-94.

Bag 4 - Up-Scaled Blue Astronaut Minifigure

Group 13 - Steps 95-107 and 1 yellow 1x2 brick with an axle hole from Step 108.

Group 14 - Rest of Step 108, Steps 109-115, and 1 white 1x2 brick with an axle hole from Step 116.

Group 15 - Rest of Step 116 and Steps 117-126.

Bag 5 - Up-Scaled Blue Astronaut Minifigure

Group 16 - Steps 127-128 and 1 blue 1x4 plate from Step 129.

Group 17 - Rest of Step 129 and Steps 130-136.

Group 18 - Steps 137-139.

Group 19 - Steps 140-149.

Group 20 - Steps 150-151 and 1 blue 1x4 plate from Step 152.

Group 21 - Rest of Step 152 and Steps 153-156.

Group 22 - Steps 157-162.

Group 23 - Steps 163-172.

Group 24 - Step 173.

Bag 6 - Up-Scaled Blue Astronaut Minifigure

Group 25 - Steps 174-193.

Group 26 - Steps 194-201.

Bag 7 - Up-Scaled Blue Astronaut Minifigure

Group 27 - Steps 202-216.

Group 28 - Steps 217-226.

Group 29 - Steps 227-228.

Group 30 - Steps 229-231.

Group 31 - Steps 232-233.

Bag 8 - Up-Scaled Blue Astronaut Minifigure and Robot

Group 32 - Steps 234-237.

Group 33 - Steps 238-241 and 1 white 2x2 slope brick printed with a radar from Step 242.

Group 34 - Rest of Step 242 and Steps 243-251.

Group 35 - Steps 252-261.

Group 36 - Steps 262-266.

Let's get to building!

Building Instructions (Bag 1, Book 1):

Group 1 - Up-Scaled Blue Astronaut Minifigure

1. Let's make the torso! Vertically place a blue 1x4 plate in front of you. Then vertically place a blue 1x6 brick on top so it is centered vertically.
2. Horizontally place a blue 1x6 plate underneath the front row so 5 columns are exposed to the left. Then repeat symmetrically to the back.
3. Horizontally place a blue 1x10 brick on the back row to the left of the rightmost column so 5 columns overhang to the left. Then horizontally place a blue 1x10 plate on the front row so 5 columns overhang to the left.
4. Horizontally place a blue 1x6 plate underneath the back left corner so 1 column is exposed to the left. Then repeat symmetrically to the front.

5. Vertically place a blue 1x6 brick on the leftmost column so it is centered vertically. Then vertically place a blue 1x4 plate underneath the ppp so it is centered vertically.

6. Horizontally place a blue 1x4 tile on the front row so it is centered horizontally.

7. Horizontally stack 2 blue 1x3 plates to the left of the ppp. Then repeat symmetrically to the right.

8. Place a blue 2x2 plate on the back left corner so it overhangs in the front right corner. Now repeat symmetrically to the front. Then vertically place a blue 1x2 slope tile on the leftmost column so it is centered vertically and slopes to the right. Now repeat everything symmetrically to the right.

9. Vertically place a blue 2x6 plate on the 3rd and 4th columns from the left so it is centered vertically. Then repeat symmetrically to the right. Now horizontally place a blue 1x4 plate on the back row so it is centered horizontally.

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

#### Group 2 - Up-Scaled Blue Astronaut Minifigure

11. Horizontally place a blue 2x6 brick on the back 2 rows so it is centered horizontally. Then horizontally place a red 1x6 brick on the 2nd row from the front so it is centered horizontally.

12. Let's make a part! Let's make the inner mechanism! Horizontally place a light grey 2x4 plate in front of you.

13. Horizontally place a light grey 1x2 brick with 2 pinholes on the back left corner. Then repeat symmetrically to the front. Now place a yellow 2x2 plate on top of the 2 ppp.

14. Insert a black 2L pin into the leftmost front-facing pinhole. Then repeat symmetrically to the back.

15. Horizontally place a light grey 1x1 plate with a 1x1 slope tile on the back left corner so it slopes to the left. Then repeat symmetrically to the front.

16. Horizontally place a black 2x3 stair plate underneath the 2 rightmost columns so the lower side is exposed 1 column to the right.

17. Vertically stack 3 blue 1x4 bricks on the rightmost column so they are centered vertically.

18.1. Let's make another part! Vertically place a yellow 1x4 brick with 3 pinholes in front of you.

#### Group 3 - Up-Scaled Blue Astronaut Minifigure

18.2. Insert a dark grey 3L pin axle into the back left-facing hole so the pin faces the right and the axle faces the left. Then repeat symmetrically to the front.

18.3. Vertically attach a blue 1x4 brick with holes to the 2 right-facing pins. Then vertically place a blue 2x4 plate on top so there is no overhang.

18.4. Attach a dark grey gear to each of the left-facing axles.

18.5. Let's make another part! Vertically place a red 1x2 brick with a hole in front of you. Then vertically place a white 1x2 plate on top. Now insert a brown 5L axle with a stop into the left-facing hole so the axle faces the right. Now attach a dark grey gear to the right-facing axle and push it all the way to the left.

18.6. Insert the axle of your part into the middle left-facing hole of the previous part so the axle faces the right.

18.7. Bring back your previous part and make sure it is horizontal and the stack of 1x4 bricks is on the right and vertical. Then place the leftmost column of your part to the right of the 1x1 slope tiles that are on the leftmost column so it is centered vertically and the axle faces the right.

19. Horizontally place a black 2x4 tile with a hole and 2x2 studs on top of the 4 rightmost columns so it is centered vertically and the studs are on the right. Then place a blue 1x1 plate in front and behind the rightmost column of the ppp.

20. Vertically place a blue 1x4 plate on the rightmost column so it is centered vertically. Then vertically place a blue 1x4 tile on top.

21. Insert a red 3L pin with an axle connector into the back-facing side of the hole of the 2x4 tile with 2x2 studs and a hole so the axle connector faces the back. Now attach a blue 2L pin axle into the axle connector of the ppp so the pin faces the back.

#### Group 4 - Up-Scaled Blue Astronaut Minifigure

22.1. Let's make a part! Horizontally place a yellow 1x4 brick with 3 pinholes in front of you. Then horizontally stack 2 red 1x4 plates on top.

22.2. Horizontally place a white 1x2 plate on top so it is centered horizontally. Then horizontally place a light grey 1x1 plate with a 1x1 sloped curved brick on the 2 leftmost columns so it slopes to the left. Then repeat symmetrically to the right.

22.3. Horizontally place a white 1x2 plate on top. Then horizontally place a black 1x4 plate with inverted sloped sides on top so it is centered horizontally.

22.4. Horizontally place a light grey 1x2 brick with 2 pinholes on top so it is centered horizontally. Then place a transparent blue 1x1 round plate to the left of the ppp. Then repeat symmetrically to the right.

22.5. Horizontally attach the 2 rightmost pinholes of your part to the 2 back-facing pins of your previous part.

23. Let's make another part! Horizontally place a light grey 2x4 plate in front of you.

24. Horizontally place a light grey 1x2 brick with 2 pinholes on the back right corner. Then repeat symmetrically to the front. Now place a yellow 2x2 plate on top of the 2 ppp.

25. Insert a black 2L pin into the rightmost front-facing pinhole. Then repeat symmetrically to the back.

26. Horizontally place a light grey 1x1 plate with a 1x1 slope tile on the back right corner so it slopes to the right. Then repeat symmetrically to the front.

27. Horizontally place a black 2x3 stair plate underneath the 2 leftmost columns so the lower side is exposed 1 column to the left.

28. Vertically stack 3 blue 1x4 bricks on the leftmost column so they are centered vertically.

29.1. Let's make another part! Vertically place a yellow 1x4 brick with 3 pinholes in front of you.

#### Group 5 - Up-Scaled Blue Astronaut Minifigure

29.2. Insert a dark grey 3L pin axle into the back right-facing hole so the pin faces the left and the axle faces the right. Then repeat symmetrically to the front.

29.3. Vertically attach a blue 1x4 brick with holes to the 2 left-facing pins. Then vertically place a blue 2x4 plate on top so there is no overhang.

29.4. Attach a dark grey gear to each of the right-facing axles.

29.5. Let's make another part! Vertically place a red 1x2 brick with a hole in front of you. Then vertically place a white 1x2 plate on top. Now insert a brown 5L axle with a stop into the right-facing hole so the axle faces the left. Now attach a dark grey gear to the left-facing axle and push it all the way to the right.

29.6. Insert the axle of your part into the middle right-facing hole of the previous part so the axle faces the right.

29.7. Bring back your previous part and make sure it is horizontal and the stack of 1x4 bricks is on the left and vertical. Then place the rightmost column of your part to the left of the 1x1 slope tiles that are on the rightmost column so it is centered vertically and the axle faces the left.

30. Horizontally place a black 2x4 tile with a hole and 2x2 studs on top of the 4 leftmost columns so it is centered vertically and the studs are on the left. Then place a blue 1x1 plate in front and behind the leftmost column of the ppp.

31. Vertically place a blue 1x4 plate on the leftmost column so it is centered vertically. Then vertically place a blue 1x4 tile on top.

32. Insert a red 2L pin with an axle connector into the front-facing side of the hole of the 2x4 tile with 2x2 studs and a hole so the axle connector faces the front. Now attach a blue 2L pin axle into the axle connector of the ppp so the pin faces the front.

33. Attach the 2 back-facing pins of your part to the 2 leftmost front-facing pinholes of the previous part.

#### Group 6 - Up-Scaled Blue Astronaut Minifigure

34.1. Let's make a part! Horizontally place a yellow 1x4 brick with 3 pinholes in front of you. Then horizontally stack 2 red 1x4 plates on top.

34.2. Horizontally place a white 1x2 plate on top so it is centered horizontally. Then horizontally place a light grey 1x1 plate with a 1x1 sloped curved brick on the 2 leftmost columns so it slopes to the left. Then repeat symmetrically to the right.

34.3. Horizontally place a white 1x2 plate on top. Then horizontally place a black 1x4 plate with inverted sloped sides on top so it is centered horizontally.

34.4. Horizontally place a light grey 1x2 brick with 2 pinholes on top so it is centered horizontally. Then place a transparent blue 1x1 round plate to the left of the ppp. Then repeat symmetrically to the right.

34.5. Horizontally attach your part to the 4 front-facing pins so it is centered horizontally.

35. Bring back your main build and horizontally place it in front of you so the 1x4 tile is on the front row. Now horizontally place your part on top so it is centered horizontally and vertically.

Building Instructions (Bag 2, Book 1):

Group 7 - Up-Scaled Blue Astronaut Minifigure

36.1. Let's make a part! Vertically place a blue 2x4 plate in front of you. Place a yellow 2x2 plate with 2 side studs underneath the back left corner so 1 column is exposed to the left and the side studs face the left. Now repeat symmetrically to the front. Then repeat both parts symmetrically to the right.

36.2. Place a white 4x4 plate with a 2x2 gap on top so it is centered. Then place a yellow 2x2 round tile with a pinhole in the 2x2 gap so it is centered.

36.3. Horizontally place 2 blue 1x2 plates with 2x2 side studs sticking up, next to each other, upright on the 4 left-facing side studs so the side studs face up. Then repeat symmetrically to the right.

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

37. Horizontally place a blue 1x2x3 slope brick on the front left corner so it slopes to the left. Then vertically place another 1 to the right so it slopes to the back and there is no overhang. Then repeat both parts symmetrically to the right.

38. Place a yellow 1x1x3 brick on the front row to the left of the 2 ppp that are in the front right corner. Then repeat symmetrically to the left.

39. Horizontally place a dark grey 1x6 arch brick on the front row, on top of the 2 ppp so it is centered horizontally. Now horizontally place a light grey 1x6 brick with 5 pinholes on top of the ppp. Then horizontally stack 2 red 1x4 plates on top of the ppp so they are centered horizontally. Now horizontally place a black 1x4 tile on top of the ppp. Then place a blue 1x1 brick to the left of the ppp. Now repeat symmetrically to the right.

40. Horizontally place a blue 1x2x3 slope brick on the front right corner, to the right of the ppp so it slopes to the right. Then repeat symmetrically to the left.

41. Rotate your build 180 degrees. Horizontally place a blue 1x2x3 slope brick on the front left corner so it slopes to the left. Then vertically place another 1 to the right so it slopes to the back and there is no overhang. Then repeat both parts symmetrically to the right.

42. Horizontally place a blue 1x6x5 panel printed with a gold circle with a red ship flying from it on the front row so it is centered horizontally and the wall faces the front. Now horizontally place a blue 1x2x3 slope brick to the left and right of the ppp so they slope outwards to the left and right.

43. Vertically place a blue 2x6 plate on the 2 leftmost columns of studs so it is centered vertically. Then repeat symmetrically to the right. Then horizontally place a blue 2x4 plate on the front 2 rows so it is centered horizontally. Then horizontally place a light grey 2x4 plate with 3 pinholes behind the ppp. Now horizontally place a red 1x4 plate behind the ppp.

44.1. Let's make a part! Horizontally place a yellow 1x2 rounded plate in front of you. Then horizontally place a blue 1x4 plate on top so it is centered horizontally. Now horizontally place a blue 1x1 plate with a short 1x1 sloped curved brick underneath the leftmost column so it slopes and exposes 1 column to the left. Then repeat symmetrically to the right.

44.2. Horizontally place your part on the back row so it is centered horizontally.

45. Vertically place a blue 1x2 sloped curved brick in front of the leftmost column of the ppp so it slopes to the left. Then place a blue 1x3 curved sloped curved brick in front of the ppp so it slopes to the front left. Now repeat both parts symmetrically to the right.

46. Place a light grey 4x4 round brick with 4 pinholes on top so it is centered horizontally and vertically.

47. Let's make a part! Let's make the leg mechanism! Place a black 2x2 brick in front of you.

48. Horizontally place a red 2x3 stair plate on the left column so the higher side overhangs 2 columns to the left. Then repeat symmetrically to the right.

49. Horizontally place a white 1x2 plate with 2x2 side studs hanging down on the front row so it is centered horizontally and the side studs face the front. Then repeat symmetrically to the back.

50. Place a black 2x2 brick on top so it is centered horizontally. Then vertically place a yellow 1x2 rounded plate to the left of the ppp. Then repeat symmetrically to the right.

51. Let's make a part! Horizontally place a yellow 2x8 plate in front of you. Then place a dark grey 1x2 plate with an inverted 1x2 sloped curved brick underneath the front left corner of the ppp so it slopes and exposes 1 row to the front. Then repeat symmetrically to the back. Now repeat both parts symmetrically to the right. Now horizontally place your part on top of your previous part so it is centered horizontally and vertically.

52.1. Let's make 2 identical parts! Horizontally place a white 1x2 plate with 2x4 side studs in front of you so the side studs face the front. Then vertically place a dark grey 1x2 plate upright on the leftmost column of front-facing side studs. Then repeat symmetrically to the right.

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

53. Flip your build upside down so it is horizontal. Now horizontally place a white 1x2 plate with 2x2 side studs hanging down on top so it is centered horizontally and the side studs face the front. Then repeat symmetrically to the back.

54.1. Let's make a part! Place a red 2x2 plate in front of you. Then horizontally place a dark grey 1x2 plate with 2x2 side studs sticking up on the front row so the side studs face the front. Then repeat symmetrically to the back.

54.2. Vertically place a light grey 1x2 brick with an axle hole on the right column. Then repeat symmetrically to the left. Now place a red 2x2 plate on top.

54.3. Insert a red 4L axle into the right-facing axle hole so it is centered horizontally. Then place a black 2x2 plate with a pinhole underneath your part so the pinhole faces the left and right.

54.4. Place your part on top of your previous part so it is centered horizontally and fits in between the 2x2 front-facing and back-facing side studs. Make sure the axles face left and right and your part should not attach to any studs!

55. Vertically place a yellow 2x8 plate upright on the 2x8 front-facing side studs. Then repeat symmetrically to the back.

56. Vertically place a light grey 2x4 plate with 3 pinholes upright on the top 4 rows of front-facing side studs. Then repeat symmetrically to the back.

57. Place a blue 2x2 tile with an upright 1x2 plate upright on the front-facing side studs below the 2x4 plate with 3 pinholes so the studs face up. Then repeat symmetrically to the back.

58. Horizontally place a red 2x4 tile upright on the bottom 2 rows of front-facing side studs so it is centered horizontally. Then repeat symmetrically to the back.

#### Group 9 - Up-Scaled Blue Astronaut Minifigure

59.1. Let's make a part! Let's make the belt! Horizontally place a blue 1x8 plate in front of you. Then horizontally place a blue 1x12 plate on top so it is centered horizontally.

59.2. Vertically place a blue 2x6 plate underneath the 2 leftmost columns so 5 rows are exposed to the front. Then repeat symmetrically to the right.

59.3. Horizontally place a blue 1x12 plate on the front row so it is centered horizontally. Then horizontally place a blue 1x8 plate underneath the front row so it is centered horizontally.

59.4. Vertically place a blue 1x3 inverted half arch brick on the front left corner so it slopes to the back. Then repeat symmetrically to the back. Now repeat both parts symmetrically to the right.

59.5. Horizontally place a blue 1x4 plate on the front row of the 2nd to 5th columns from the left. Then repeat symmetrically to the back. Now repeat both parts symmetrically to the right.

59.6. Vertically place a blue 1x1 tile with a 1x1 slope tile on the front 2 rows of the 2nd column from the left so it slopes to the back. Then repeat symmetrically to the back. Now repeat both parts symmetrically to the right.

59.7. Horizontally place your previous part on top of your current part so it is centered horizontally and vertically.

60. Horizontally place a blue 1x8 tile on the front row so it is centered horizontally. Then repeat symmetrically to the back.

61.1. Let's make 3 identical parts! Place a red 2x2 plate in front of you. Then horizontally place a blue 1x4 double sloped curved tile on the back row so it is centered horizontally. Then repeat symmetrically to the front.

61.2. Now you should have 3 identical parts! Vertically place 1 part on top so it is centered vertically and horizontally. Then vertically place another part upright on the 4 rows of front-facing side studs. Then repeat symmetrically to the back.

62. Bring back your main build and lay it on its back so the 1x6x5 panel faces up and the anti-studs face the front. Now horizontally lay your part on its side so the top-facing 1x4 double sloped curved tiles face the front. Then horizontally attach the back-facing studs of your part to the front-facing anti-studs of the main build so it is centered horizontally and vertically.

Building Instructions (Bag 3, Book 1):

Group 10 - Up-Scaled Blue Astronaut Minifigure

63. Let's make a part! Let's make a leg! Horizontally place a blue 1x6 brick in front of you.

64. Place a blue 3x3 L-shaped plate underneath the 3 rightmost columns so the rightmost column exposes 2 rows to the front. Then repeat symmetrically to the left.

65. Vertically place a blue 1x4 brick on the rightmost column so 2 rows overhang to the front. Then repeat symmetrically to the left.

66. Place a blue 3x3 L-shaped underneath the front 2 rows of the rightmost column so 1 row is exposed to the front and the right angle faces the front right. Then repeat symmetrically to the left.

67. Horizontally place a blue 1x6 brick on the front row so it is centered horizontally. Now rotate your part 90 degrees clockwise.

68. Place a blue 6x6 plate on top so it is centered.

69. Vertically place a blue 1x4 brick on the back right corner. Then place a blue 1x1 brick in front of the ppp. Now horizontally place a blue 1x4 brick on the back row so it is centered horizontally.

70. Horizontally place a blue 1x3 tile on the front right corner. Then horizontally place a blue 1x2 tile to the left of the ppp. Now horizontally place a blue 1x4 plate behind the 2 ppp so it is centered horizontally. Then horizontally place a white 1x3 plate behind the 3 rightmost columns of the ppp.

71. Horizontally place a blue 2x4 brick on the 2nd and 3rd rows from the back so it is centered horizontally. Then place a blue 1x1 brick in front of the leftmost column of the ppp.

72. Place a light grey 2x2 plate with 2 side studs on the 2nd and 3rd rows from the front so it is centered horizontally and the side studs face the front. Then horizontally place a yellow 1x2 rounded plate on the back row of the ppp so it is centered horizontally.

73. Vertically place a blue 1x4 plate on the back 4 rows of the 2nd column from the left. Then place a blue 4x4 plate to the right of the ppp. Now place a blue 1x1 plate in front of the rightmost column of the ppp.

74. Vertically place a blue 1x4 brick on the back 4 rows of the 2nd column from the left. Then horizontally place a blue 1x4 brick on the back right corner. Now vertically place a blue 1x4 brick on the rightmost column, in front of the ppp.

75. Vertically place a black 1x2 log brick on the 2nd column from the right of the 2nd and 3rd rows from the back.

76.1. Let's make a part! Horizontally place a yellow 1x2 brick with an axle hole in front of you.

#### Group 11 - Up-Scaled Blue Astronaut Minifigure

76.2. Insert a black 3L pin axle into the front-facing axle hole so the axle faces the back and the pin faces the front. Then horizontally attach a white 1x2 brick with an axle hole to the back-facing axle. Now place your part to the left of the 1x2 log brick so the pin faces the front.

77. Place a blue 1x1x2 brick with 2 side studs on the 2nd row from the front of the 2nd column from the left so the side studs face the front. Then place a blue 1x1 plate on top of the ppp. Now repeat both parts symmetrically to the right.

78. Vertically place a blue 1x4 brick on the back right corner. Then horizontally place a blue 1x2 brick in front of the ppp so there is no overhang. Now horizontally place a blue 1x4 brick on the back row so it is centered horizontally. Then horizontally place a blue 2x4 brick in front of the ppp. Now vertically place a blue 1x2 brick in front of the leftmost column of the ppp.

79. Horizontally place a blue 1x4 plate on the back right corner. Then vertically place a blue 1x4 plate in front of the rightmost column of the ppp. Now vertically place a blue 1x4 plate on the back 4 rows of the 2nd column from the left.

80. Place a blue 1x1 plate in front of the ppp. Then place another 1 to the right of the ppp so there is a 2 column gap in between them. Now horizontally place a white 2x3 plate on the 2nd and 3rd rows from the back of the 2nd to 4th columns from the right.

81. Horizontally place a blue 2x4 brick on the back right corner. Then horizontally place a black 1x2 log brick in front of the 2 leftmost columns of the ppp. Then horizontally place a blue 1x2 brick to the right of the ppp. Now place a blue 2x2 slope brick in front of the ppp so it slopes to the left.

82. Place a blue 1x1x2 brick with 2 side studs on the 2nd column from the left of the back row so the side studs face the left. Then vertically place a light grey 1x2x2 brick with 2x2 side studs in front of the ppp so the side studs face the left. Now vertically place a light grey 1x2 tile in front of the ppp.

83. Horizontally place a blue 1x4 brick on the back right corner. Then vertically place a blue 1x4 brick on the rightmost column, in front of the ppp.

84.1. Horizontally place a white 1x2 brick with an axle hole on the 2nd row from the back so it is centered horizontally.

#### Group 12 - Up-Scaled Blue Astronaut Minifigure

84.2. Horizontally place a yellow 1x2 brick with an axle hole in front of the ppp. Now vertically place the front row of a black 1x2 log brick to the right of the ppp.

85. Vertically place a blue 1x4 plate on the back right corner. Then place a blue 1x1 plate in front of the ppp. Now place a blue 3x3 plate on the back 3 rows, to the left of the previous 1x4 plate.

86. Place a blue 2x2 slope brick on the back right corner so it slopes to the right. Now horizontally place a blue 1x2 brick on the back row, to the left of the ppp.

87. Place a yellow 2x2 brick in front of the ppp. Then place a red 1x1 round plate to the right of the front row of the ppp.

88. Place a blue 1x1x2 brick with 2 side studs on the 2nd column from the left of the back row so the side studs face the left. Then vertically place a light grey 1x2x2 brick with 2x2 side studs in front of the ppp so the side studs face the left.

89.1. Let's make a part! Vertically place a light grey wheel with a 3L lift arm in front of you so the hollow side of the wheel faces up and the liftarm faces the front.

89.2. Place a dark grey wheel with 2 pins on the wheel of the ppp so the pins are on the left and right and face up. Then insert a brown 3L axle with a stop into the middle front-facing pinhole of the wheel so the axle faces the back. Now place a light grey ridged round cylinder on top of the 2 top-facing pins.

89.3. Attach a blue 2L pin axle to the back top-facing axle hole of the ppp so the pin faces up.

89.4. Attach the back-facing axle of your part to the front-facing axle hole of the leg so the bottom pinhole of your part attaches to the front-facing pin.

90.1. Let's make a part! Vertically place a white 1x3 plate in front of you. Then horizontally place 3 blue 1x1 tiles with a 1x1 slope tile, 1 in front of the other, on top so they slope and overhang to the right.

90.2. Vertically place your part on the 3rd to 5th rows from the back of the rightmost column so it slopes to the right and overhangs 1 column to the left.

91.1. Let's make 2 identical parts! Place a blue 1x2 plate in front of you. Then horizontally place a blue 1x4 double sloped curved tile on top so it is centered horizontally.

91.2. Now you should have 2 identical parts! Horizontally place 1 part on the back right corner. Then vertically place another 1 upright on the back row of left-facing side studs.

92.1. Let's make 2 identical parts! Vertically place a red 2x4 plate in front of you. Then horizontally place 4 blue 1x4 double sloped curved tiles, 1 in front of the other, on top so they are centered horizontally.

92.2. Now you should have 2 identical parts! Place 1 part on top, in front of the 1x4 double sloped curved tile so it slopes to the left and right. Then place another 1 upright on the left-facing side studs in front of the 1x4 double sloped curved tile so it slopes up and down.

93.1. Let's make a part! Vertically place a blue 2x3 plate in front of you. Then horizontally place a blue 1x3 tile on the back row so 1 column overhangs to the right.

93.2. Place a blue 3x3 plate underneath the overhang so it is aligned with the 2x3 plate.

93.3. Horizontally place a blue 1x2 tile on the back right corner. Then vertically place a blue 1x2 tile on the front right corner. Then horizontally place a blue 2x4 tile to the left of the ppp.

93.4. Horizontally place your part upright on the 6 front-facing side studs so 1 column sits to the right in front of the bricks.

94. Bring back your main build and make sure the leg mechanism is in the front. Then lay your leg on its back so the anti-studs face the front and the pin faces the right. Now attach the right-facing pin of your part to the left-facing pinhole of the leg mechanism, and make sure the left-facing axle gets inserted into the axle hole of your leg.

Building Instructions (Bag 4, Book 1):

Group 13 - Up-Scaled Blue Astronaut Minifigure

95. Let's make a part! Let's make another leg! Horizontally place a blue 1x6 brick in front of you.

96. Place a blue 3x3 L-shaped plate underneath the 3 rightmost columns so the rightmost column exposes 2 rows to the front. Then repeat symmetrically to the left.

97. Vertically place a blue 1x4 brick on the rightmost column so 2 rows overhang to the front. Then repeat symmetrically to the left.

98. Place a blue 3x3 L-shaped plate underneath the front 2 rows of the rightmost column so 1 row is exposed to the front and the right angle faces the front right. Then repeat symmetrically to the left.

99. Horizontally place a blue 1x6 brick on the front row so it is centered horizontally. Now rotate your part 90 degrees clockwise.

100. Place a blue 6x6 plate on top so it is centered.

101. Vertically place a blue 1x4 brick on the back left corner. Then place a blue 1x1 brick in front of the ppp. Now horizontally place a blue 1x4 brick on the back row so it is centered horizontally.

102. Horizontally place a blue 1x3 tile on the front left corner. Then horizontally place a blue 1x2 tile to the right of the ppp. Now horizontally place a blue 1x4 plate behind the 2 ppp so it is centered horizontally. Then horizontally place a white 1x3 plate behind the 3 leftmost columns of the ppp.

103. Horizontally place a blue 2x4 brick on the 2nd and 3rd rows from the back so it is centered horizontally. Then place a blue 1x1 brick in front of the rightmost column of the ppp.

104. Place a light grey 2x2 plate with 2 side studs on the 2nd and 3rd rows from the front so it is centered horizontally and the side studs face the front. Then horizontally place a yellow 1x2 rounded plate on the back row of the ppp so it is centered horizontally.

105. Vertically place a blue 1x4 plate on the back 4 rows of the 2nd column from the right. Then place a blue 4x4 plate to the left of the ppp. Now place a blue 1x1 plate in front of the leftmost column of the ppp.

106. Vertically place a blue 1x4 brick on the back 4 rows of the 2nd column from the right. Then horizontally place a blue 1x4 brick on the back left corner. Now vertically place a blue 1x4 brick on the leftmost column, in front of the ppp.

107. Vertically place a black 1x2 log brick on the 2nd column from the left of the 2nd and 3rd rows from the back.

108.1. Let's make a part! Horizontally place a yellow 1x2 brick with an axle hole in front of you.

#### Group 14 - Up-Scaled Blue Astronaut Minifigure

108.2. Insert a black 3L pin axle into the front-facing axle hole so the axle faces the back and the pin faces the front. Then horizontally attach a white 1x2 brick with an axle hole to the back-facing axle. Now place your part to the right of the 1x2 log brick so the pin faces the front.

109. Place a blue 1x1x2 brick with 2 side studs on the 2nd row from the front of the 2nd column from the left so the side studs face the front. Then place a blue 1x1 plate on top of the ppp. Now repeat both parts symmetrically to the right.

110. Vertically place a blue 1x4 brick on the back left corner. Then horizontally place a blue 1x2 brick in front of the ppp so there is no overhang. Now horizontally place a blue 1x4 brick on the back row so it is centered horizontally. Then horizontally place a blue 2x4 brick in front of the ppp. Now vertically place a blue 1x2 brick in front of the rightmost column of the ppp.

111. Horizontally place a blue 1x4 plate on the back left corner. Then vertically place a blue 1x4 plate in front of the leftmost column of the ppp. Now vertically place a blue 1x4 plate on the back 4 rows of the 2nd column from the right.

112. Place a blue 1x1 plate in front of the ppp. Then place another 1 to the left of the ppp so there is a 2 column gap in between them. Now horizontally place a white 2x3 plate on the 2nd and 3rd rows from the back of the 2nd to 4th columns from the left.

113. Horizontally place a blue 2x4 brick on the back left corner. Then horizontally place a black 1x2 log brick in front of the 2 rightmost columns of the ppp. Then horizontally place a blue 1x2 brick to the left of the ppp. Now place a blue 2x2 slope brick in front of the ppp so it slopes to the right.

114. Place a blue 1x1x2 brick with 2 side studs on the 2nd column from the right of the back row so the side studs face the right. Then vertically place a light grey 1x2x2 brick with 2x2 side studs in front of the ppp so the side studs face the right. Now vertically place a light grey 1x2 tile in front of the ppp.

115. Horizontally place a blue 1x4 brick on the back left corner. Then vertically place a blue 1x4 brick on the leftmost column, in front of the ppp.

116.1. Horizontally place a white 1x2 brick with an axle hole on the 2nd row from the back so it is centered horizontally.

#### Group 15 - Up-Scaled Blue Astronaut Minifigure

116.2. Horizontally place a yellow 1x2 brick with an axle hole in front of the ppp. Now vertically place the front row of a black 1x2 log brick to the left of the ppp.

117. Vertically place a blue 1x4 plate on the back left corner. Then place a blue 1x1 plate in front of the ppp. Now place a blue 3x3 plate on the back 3 rows, to the right of the previous 1x4 plate.

118. Place a blue 2x2 slope brick on the back left corner so it slopes to the left. Now horizontally place a blue 1x2 brick on the back row, to the right of the ppp.

119. Place a yellow 2x2 brick in front of the ppp. Then place a red 1x1 round plate to the left of the front row of the ppp.

120. Place a blue 1x1x2 brick with 2 side studs on the 2nd column from the right of the back row so the side studs face the right. Then vertically place a light grey 1x2x2 brick with 2x2 side studs in front of the ppp so the side studs face the right.

121.1. Let's make a part! Vertically place a light grey wheel with a 3L lift arm in front of you so the hollow side of the wheel faces up and the liftarm faces the front.

121.2. Place a dark grey wheel with 2 pins on the wheel of the ppp so the pins are on the left and right and face up. Then insert a brown 3L axle with a stop into the middle front-facing pinhole of the wheel so the axle faces the back. Now place a light grey ridged round cylinder on top of the 2 top-facing pins.

121.3. Attach a blue 2L pin axle to the back top-facing axle hole of the ppp so the pin faces up.

121.4. Attach the back-facing axle of your part to the front-facing axle hole of the leg so the bottom pinhole of your part attaches to the front-facing pin.

122.1. Let's make a part! Vertically place a white 1x3 plate in front of you. Then horizontally place 3 blue 1x1 tiles with a 1x1 slope tile, 1 in front of the other, on top so they slope and overhang to the left.

122.2. Vertically place your part on the 3rd to 5th rows from the back of the leftmost column so it slopes to the left and overhangs 1 column to the right.

123.1. Let's make 2 identical parts! Place a blue 1x2 plate in front of you. Then horizontally place a blue 1x4 double sloped curved tile on top so it is centered horizontally.

123.2. Now you should have 2 identical parts! Horizontally place 1 part on the back left corner. Then vertically place another 1 upright on the back row of right-facing side studs.

124.1. Let's make 2 identical parts! Vertically place a red 2x4 plate in front of you. Then horizontally place 4 blue 1x4 double sloped curved tiles, 1 in front of the other, on top so they are centered horizontally.

124.2. Now you should have 2 identical parts! Place 1 part on top, in front of the 1x4 double sloped curved tile so it slopes to the left and right. Then place another 1 upright on the right-facing side studs in front of the 1x4 double sloped curved tile so it slopes up and down.

125.1. Let's make a part! Vertically place a blue 2x3 plate in front of you. Then horizontally place a blue 1x3 tile on the back row so 1 column overhangs to the right.

125.2. Place a blue 3x3 plate underneath the overhang so it is aligned with the 2x3 plate.

125.3. Horizontally place a blue 1x2 tile on the back right corner. Then vertically place a blue 1x2 tile on the front right corner. Then horizontally place a blue 2x4 tile to the left of the ppp.

125.4. Horizontally place your part upright on the 6 front-facing side studs so 1 column sits to the left in front of the bricks.

126. Bring back your main build and make sure the leg mechanism is in the front. Then lay your leg on its back so the anti-studs face the front and the pin faces the left. Now attach the left-facing pin of your part to the right-facing pinhole of the leg mechanism, and make sure the right-facing axle of the leg mechanism gets inserted into the axle hole of your leg.

Building Instructions (Bag 5, Book 1):

Group 16 - Up-Scaled Blue Astronaut Minifigure

127. Let's make a part! Let's make an arm! Place a blue 3x3 triangle plate in front of you so the right angle faces the back left. Then horizontally place a blue 1x2 brick on the back right corner.

128. Horizontally place a blue 1x3 brick on the back left corner so 2 columns overhang to the left. Now vertically place a blue 2x3 plate underneath the overhang so 2 rows are exposed to the front.

129.1. Horizontally place a blue 1x4 plate on the back left corner.

Group 17 - Up-Scaled Blue Astronaut Minifigure

129.2. Horizontally place a blue 1x4 plate on the 2nd row from the front.

130. Horizontally place a blue 1x2 sloped curved tile on the back right corner so it slopes to the right. Then horizontally place a white 1x2 plate on the 2 rightmost columns of the 2nd row from the front.

131. Place 2 dark grey 1x1 bricks with a hole, 1 to the right of the other, on the 2 leftmost columns of the 2nd row from the front so the holes face left and right. Now insert a red 3L pin axle into the left-facing hole so the axle faces the left. Make sure the pin goes all the way in!

132. Horizontally place a red 1x4 plate with a hinge on the 2 rightmost columns of the 2nd row from the front so 2 columns overhang to the right and the round hinge part faces the front.

133. Horizontally place a blue 1x3 brick on the front row so there is no overhang.

134. Horizontally place a blue 1x2 plate on the front left corner. Then place the front row of a blue 2x2 plate with a cutoff corner to the right of the ppp so the cutoff corner faces the front right.

135. Horizontally place a light grey 1x3 plate on the 3 leftmost columns of the 2nd row from the front. Then place the back row of a blue 2x2 triangle tile to the right of the ppp so the right angle faces the back left.

136.1. Place a blue 1x1 slope tile on the front left corner so it slopes to the front. Now vertically place a blue 1x2 sloped curved tile behind the ppp so it slopes to the back.

136.2. Horizontally place a blue 1x2 slope tile on the front row so it slopes to the front. Then place a blue 2x2 sloped curved tile behind the ppp so it slopes to the back.

137. Let's make a part! Horizontally place a black 1x2 brick in front of you.

138. Place a yellow 1x1 plate with 2 side studs sticking up underneath the leftmost column so the side studs face the left. Then repeat symmetrically to the right.

139. Horizontally place a blue 1x2 plate with 2x4 side studs hanging down on top so it is centered horizontally and the side studs face the front.

#### Group 19 - Up-Scaled Blue Astronaut Minifigure

140. Place a blue 1x1 plate with 2 side studs sticking up on the leftmost column so the side studs face the left. Then repeat symmetrically to the right.

141. Horizontally place a white 1x2 brick with an axle hole on top.

142. Horizontally place a blue 1x2 plate with 2x2 side studs hanging down on top so the side studs face the front. Now horizontally place a blue 1x2 slope tile on top so it slopes to the front.

143.1. Let's make 2 identical parts! Horizontally place a blue 1x3 plate in front of you. Then horizontally place a blue 1x2 tile on the 2 leftmost columns. Now horizontally place a blue 1x2 sloped curved tile to the right so it slopes and overhangs to the right.

143.2. Now you should have 2 identical parts! Vertically place 1 part upright on the 4 left-facing side studs so it slopes up. Then repeat symmetrically to the right.

144. Place a transparent yellow 1x1 round plate upright on the front-facing side studs on the 2nd row from the bottom, and 2nd column from the right. Then place a black 1x1 quarter circle tile upright on the front-facing side studs, below the ppp so the curve faces the bottom left.

145. Rotate your previous part so the axle faces the front left and the 1x2 overhang on the right side is horizontal. Now lay your current part on its side so the side studs face up and the 1x2 slope tile faces the right. Now horizontally place the overhang of your previous part on the 2 leftmost columns and 2nd row from the back.

146. Vertically place a white 1x2 plate on the 4th column from the right so it is centered vertically.

147. Vertically place 2 blue 1x1 tiles with a 1x1 slope tile, 1 in front of the other, on top of the ppp so they slope outwards to the front and back.

148. Vertically place a blue 3x4 sloped curved brick on the 3 rightmost columns so it slopes to the right.

149. Bring back your main build and stand it up so it stands on its legs and the studs of the feet are in the front. Now attach the bottom-facing axle hole of your part to the left-facing axle so the axle of your arm faces down and to the front.

#### Group 20 - Up-Scaled Blue Astronaut Minifigure

150. Let's make a part! Let's make another arm! Place a blue 3x3 triangle plate in front of you so the right angle faces the back right. Then horizontally place a blue 1x2 brick on the back left corner.

151. Horizontally place a blue 1x3 brick on the back right corner so 2 columns overhang to the right. Now vertically place a blue 2x3 plate underneath the overhang so 2 rows are exposed to the front.

152.1. Horizontally place a blue 1x4 plate on the back right corner.

#### Group 21 - Up-Scaled Blue Astronaut Minifigure

152.2. Horizontally place a black 1x4 plate on the 2nd row from the front.

153. Horizontally place a blue 1x2 sloped curved tile on the back left corner so it slopes to the left. Then horizontally place a white 1x2 plate on the 2 leftmost columns of the 2nd row from the front.

154. Place 2 dark grey 1x1 bricks with a hole, 1 to the right of the other, on the 2 rightmost columns of the 2nd row from the front so the holes face left and right. Now insert a red 3L pin axle into the right-facing hole so the axle faces the right. Make sure the pin goes all the way in!

155. Horizontally place a red 1x4 plate with a hinge on the 2 leftmost columns of the 2nd row from the front so 2 columns overhang to the left and the round hinge part faces the front.

156. Horizontally place a blue 1x3 brick on the front row so there is no overhang.

#### Group 22 - Up-Scaled Blue Astronaut Minifigure

157. Horizontally place a blue 1x2 plate on the front right corner. Then place the front row of a blue 2x2 plate with a cutoff corner to the left of the ppp so the cutoff corner faces the front left.

158. Horizontally place a light grey 1x3 plate on the 3 rightmost columns of the 2nd row from the front. Then place the back row of a blue 2x2 triangle tile to the left of the ppp so the right angle faces the back right.

159.1. Place a blue 1x1 slope tile on the front right corner so it slopes to the front. Now vertically place a blue 1x2 sloped curved tile behind the ppp so it slopes to the back.

159.2. Horizontally place a blue 1x2 slope tile on the front row so it slopes to the front. Then place a blue 2x2 sloped curved tile behind the ppp so it slopes to the back.

160. Let's make a part! Horizontally place a black 1x2 brick in front of you.

161. Place a yellow 1x1 plate with 2 side studs sticking up underneath the leftmost column so the side studs face the left. Then repeat symmetrically to the right.

162. Horizontally place a blue 1x2 plate with 2x4 side studs hanging down on top so it is centered horizontally and the side studs face the front.

#### Group 23 - Up-Scaled Blue Astronaut Minifigure

163. Place a blue 1x1 plate with 2 side studs sticking up on the left column so the side studs face the left. Then repeat symmetrically to the right.

164. Horizontally place a white 1x2 brick with an axle hole on top.

165. Horizontally place a blue 1x2 plate with 2x2 side studs hanging down on top so the side studs face the front. Now horizontally place a blue 1x2 slope tile on top so it slopes to the front.

166.1. Let's make 2 identical parts! Horizontally place a blue 1x3 plate in front of you. Then horizontally place a blue 1x2 tile on the 2 leftmost columns. Now horizontally place a blue 1x2 sloped curved tile to the right so it slopes and overhangs to the right.

166.2. Now you should have 2 identical parts! Vertically place 1 part upright on the 4 left-facing side studs so it slopes up. Then repeat symmetrically to the right.

167. Place a transparent yellow 1x1 round plate upright on the front-facing side studs on the 2nd row from the bottom, and 2nd column from the left. Then place a black 1x1 quarter circle tile upright on the front-facing side studs, below the ppp so the curve faces the bottom right.

168. Rotate your previous part so the axle faces the front right and the 1x2 overhang on the left side is horizontal. Now lay your current part on its side so the side studs face up and the 1x2 slope tile faces the left. Now horizontally place the overhang of your previous part on the 2 rightmost columns and 2nd row from the back.

169. Vertically place a white 1x2 plate on the 4th column from the left so it is centered vertically.

170. Vertically place 2 blue 1x1 tiles with a 1x1 slope tile, 1 in front of the other, on top of the ppp so they slope outwards to the front and back.

171. Vertically place a blue 3x4 sloped curved brick on the 3 leftmost columns so it slopes to the left.

172. Bring back your main build and stand it up in front of you so the studs of the legs are in the front. Now attach the bottom-facing axle hole of your part to the right-facing axle so the axle of your arm faces down and to the front.

#### Group 24 - Up-Scaled Blue Astronaut Minifigure

173.1. Let's make 2 identical parts! Let's make the hands! Vertically place a blue 1x4 plate with inverted slope sides in front of you. Then horizontally place a blue 2x3 plate on top so it is centered vertically and overhangs 2 columns to the right.

173.2. Vertically place a blue 2x4 plate with inverted slope sides underneath the 2 rightmost columns so it is centered vertically.

173.3. Place a blue 1x1 slope tile on the leftmost column on the 2nd row from the front so it slopes to the back. Then horizontally place a blue 1x2 slope tile to the right of the ppp so it slopes to the back. Now repeat both parts symmetrically to the back.

173.4. Horizontally place a blue 1x3 brick on the front row. Then repeat symmetrically to the back.

173.5. Horizontally place a blue 1x2 sloped curved brick on the front right corner so it slopes to the front. Then place a blue 1x1 slope tile to the left of the ppp so it slopes to the left. Now repeat both parts symmetrically to the back.

173.6. Place a blue 2x2 round brick underneath the 2 leftmost columns so it is centered vertically.

173.7. Now you should have 2 identical parts! Attach the 2x2 round bricks of each of your parts to each of the bottom-facing axles of each of the arms so the 1x2 sloped curved bricks are on top and vertical. Now put your build away while we make the jetpack!

#### Building Instructions (Bag 6, Book 1):

#### Group 25 - Up-Scaled Blue Astronaut Minifigure

174. Let's make a part! Let's make the jetpack! Place a blue 3x3 quarter circle plate in front of you so the curve faces the back left. Then place a blue 2x2 plate with a cutoff corner on the back left corner so there is no overhang and the cutoff corner faces the back left.

175. Horizontally place a red 2x6 plate to the right of the ppp so 5 columns overhang to the right.

176. Place a blue 3x3 quarter circle plate on the front row of the 3 leftmost columns so 2 rows overhang to the front and the curve faces the front left.

177. Vertically place a blue 2x6 plate with a round side underneath the 4th and 5th columns from the right so 3 rows are exposed to the front, 1 row is exposed to the back, and the round side faces the right. Then place a transparent red 1x1 round tile on the back row of the ppp.

178. Vertically place a blue 2x6 plate with a round side underneath the 2nd and 3rd columns from the right so 3 rows are exposed to the front, 1 row is exposed to the back, and the round side faces the left. Then place a transparent red 1x1 round tile on the back row of the ppp.

179. Horizontally place a light grey 1x4 plate on the 4 rightmost columns of the 3rd row from the front. Then place a blue 2x2 plate with a cutoff corner in front of the 2 rightmost columns of the ppp so the cutoff corner faces the front left. Then repeat symmetrically to the left.

180. Place a blue 3x3 quarter circle plate underneath the rightmost column so 1 row is exposed to the front, 2 columns are exposed to the right, and the curve faces the back right.

181. Place a blue 2x2 plate with a cutoff corner on the back right corner so the cutoff corner faces the back right and there is no overhang. Then place the 2 rightmost columns of a blue 3x3 quarter circle plate in front of the ppp so 2 rows overhang to the front and the curve faces the front right.

182. Vertically place a blue 1x2 plate underneath the front 2 rows of the 3rd column from the right. Then repeat symmetrically to the left.

183. Place a blue 2x2 plate with a cutoff corner underneath the front right corner so the cutoff corner faces the front right. Then repeat symmetrically to the left.

184. Rotate your part 180 degrees. Horizontally place a blue 1x10 brick on the 3rd row from the back so it is centered horizontally. Then place a blue 1x2 curved brick on the back left corner so the curve faces the back left. Then repeat symmetrically to the front. Now repeat both parts symmetrically to the right.

185. Place a blue 1x2 curved brick on the back 2 rows of the 4th and 5th columns from the left so the curve faces the back right. Now place a blue 1x2x5 curved panel on top of the ppp so the curve faces the back right. Now repeat both parts symmetrically to the right.

186. Vertically place a blue 1x2x5 brick on the back 2 rows of the 3rd column from the left. Then place a blue 1x1 brick on the back row of the ppp. Now repeat both parts symmetrically to the right.

187. Vertically place a light grey 1x2x3 slope brick on the front 2 rows of the 3rd column from the left so it slopes to the back. Then repeat symmetrically to the right.

188. Horizontally place a dark grey 1x6 arch brick on top of the 2 ppp. Then horizontally place a light grey 1x6 brick with 5 pinholes on top of the ppp. Now insert a black 2L pin into the leftmost front-facing pinhole of the ppp. Then repeat symmetrically to the right.

189. Horizontally place a white 1x4 brick on top of the previous 1x6 brick with pinholes so it is centered horizontally. Then vertically place the front row of a white 1x4 brick to the left of the ppp. Then repeat symmetrically to the right.

190. Horizontally place a blue 1x2x5 brick on the 2 leftmost columns so it is centered vertically. Then repeat symmetrically to the right.

191. Place a blue 1x2x5 curved panel on the front left corner so the curve faces the front left. Then repeat symmetrically to the back. Now repeat both parts symmetrically to the right.

192. Place a blue 3x3 quarter circle plate on the back left corner so the curve faces the back left and there is no overhang. Then vertically place the back 3 rows of a blue 2x6 plate with a round side to the right of the ppp so the round side faces the right and it overhangs 1 row to the front. Then repeat both parts symmetrically to the right.

193. Place a blue 2x2 plate with a cutoff corner on the front left corner so the cutoff corner faces the front left. Then vertically place a red 1x2 plate to the right of the ppp. Now repeat both parts symmetrically to the right.

#### Group 26 - Up-Scaled Blue Astronaut Minifigure

194. Place a yellow 3x3 L-shaped plate on the 2nd to 4th columns from the left of the 2nd to 4th rows from the back so the right angle faces the back left. Then repeat symmetrically to the right. Now horizontally place a black 1x6 plate on the 3rd row from the back so it is centered horizontally.

195. Vertically place a blue 1x2 sloped curved brick in front of the leftmost column of the ppp so it slopes to the left. Then repeat symmetrically to the right.

196.1. Let's make 2 identical parts! Place a transparent green 1x1 round plate in front of you. Then place a blue 2x2 quarter circle sloped curved tile on top so it slopes and overhangs to the front right.

196.2. Now you should have 2 identical parts! Place 1 part to the right of the 1x2 sloped curved brick that is on the front 2 rows of the 3rd column from the left so it slopes to the front right. Then repeat symmetrically to the right.

197. Place a blue 2x2 quarter circle sloped curved tile on the front left corner so it slopes to the front left. Then repeat symmetrically to the back. Now place another 1 on the back 2 rows of the 4th and 5th columns from the left so it slopes to the back right. Then repeat everything symmetrically to the right.

198. Vertically place a blue 1x2 sloped curved tile on the back 2 rows of the 3rd column from the left so it slopes to the back. Then repeat symmetrically to the right.

199. Place a blue 1x1 slope tile on the leftmost column so it is centered vertically and slopes to the left. Then repeat symmetrically to the right. Then place a transparent red 1x1 round tile on the front row of the 4th column from the left. Then repeat symmetrically to the right.

200.1. Let's make a part! Horizontally place a blue 1x8 plate in front of you. Then horizontally place a blue 1x4 plate on top so it is centered horizontally. Place a blue 1x1 plate with an upright side stud on the 2nd column from the left so the side stud faces the back. Now place a blue 1x1 tile with a round side upright on the back-facing side stud so the round side faces up. Now repeat both parts symmetrically to the right.

200.2. Place a blue 1x1 plate on the leftmost column. Then repeat symmetrically to the right. Now horizontally place a blue 1x8 plate on top so it is centered horizontally.

200.3. Horizontally place a blue 1x2 plate on top so it is centered horizontally. Then horizontally place a blue 1x2 jumper plate on top of the ppp. Now place a blue 1x1 tile with a round side on top of the ppp so the round side faces the back.

200.4. Place 3 blue 1x1 half cylinder bricks, 1 to the right of the other, on the 3 leftmost columns so they slope to the front and back. Then repeat symmetrically to the right.

200.5. Horizontally place your part on the 3rd row from the back so it is centered horizontally and the upright 1x1 tiles with a round side face the back.

201. Attach the front-facing pins of your part to the back-facing pinholes of the main build so it is centered horizontally. This is the jetpack!

Building Instructions (Bag 7, Book 1):

#### Group 27 - Up-Scaled Blue Astronaut Minifigure

202. Let's make a part! Let's make the head! Horizontally place a white 1x6 plate in front of you. Then vertically place a yellow 2x4 brick with 3 axle holes on top so it is centered horizontally and 3 rows overhang to the back.

203. Horizontally place a black 2x6 plate with pinholes underneath the 2nd and 3rd rows from the back so it is centered horizontally.

204. Horizontally place a blue 2x4 brick on the front left corner so it overhangs 2 columns to the left. Then repeat symmetrically to the right.

205. Horizontally place a blue 1x2 plate with 2x2 upright side studs underneath the front left corner so the side studs face the front. Then repeat symmetrically to the right.

206. Rotate your part 180 degrees. Then place a blue 2x2 plate underneath the front row of the 2 leftmost columns so 1 row is exposed to the front. Then repeat symmetrically to the right.

207. Horizontally place a light grey 2x3 angled plate on the front row of the 2nd to 4th columns from the left so the angled side overhangs to the front and the short end faces the left. Then repeat symmetrically to the right.

208. Vertically place a blue 2x4 plate underneath the front row so it is centered horizontally and 3 rows are exposed to the front.

209. Horizontally place a dark grey 1x2 rounded plate on the 2nd row from the front so it is centered horizontally. Then horizontally place a transparent red 1x2 brick behind the ppp.

210. Place the rightmost column of a blue 1x6 curved plate on the left column of the front row so it curves and overhangs to the front left. The back row of your plate should sit on the front row of the leftmost column. Now repeat symmetrically to the right.

211. Horizontally stack 2 blue 1x4 plates on the 4 leftmost columns of the 3rd row from the back. Then repeat symmetrically to the right.

212. Place a blue 4x4 quarter circle plate on the front right corner, in front of the 2 ppp so the curve faces the front right. Then repeat symmetrically to the left.

213. Vertically place a dark grey 1x2 rounded plate on the 4th and 5th rows from the back of the 4th column from the left. Then repeat symmetrically to the right.

214. Rotate your part 180 degrees. Now stack 3 blue 2x2 bricks on the back 2 rows so they are centered horizontally. Then horizontally place a blue 1x2 plate on the back row of the 3 ppp.

215. Horizontally place a white 1x2 plate with 2x4 side studs hanging down on the front row so it is centered horizontally and the side studs face the front. Then vertically place a light grey 2x4 tile behind the ppp so it is centered horizontally.

216. Vertically place a dark grey 1x2 rounded plate on the front 2 rows of the 4th column from the left. Then vertically place a light grey 1x3 panel behind the ppp so the wall faces the right. Now repeat both parts symmetrically to the right.

#### Group 28 - Up-Scaled Blue Astronaut Minifigure

217. Vertically place a blue 2x3 tile on the front left corner. Then vertically place a black 1x3 plate to the right of the ppp. Now repeat both parts symmetrically to the right.

218. Place a blue 1x5 curved brick on the back left corner so there is no overhang and the curve faces the back left. Then repeat symmetrically to the right.

219. Vertically place a white 1x2x2 brick on the 4th and 5th rows from the front of the 2nd column from the right. Then vertically place a transparent yellow 1x2 plate on top of the ppp. Now repeat both parts symmetrically to the left.

220. Place a transparent red 1x1 round plate on the 2nd row from the front of the 4th column from the right. Then place a black 1x1 round tile with an upright bar on the 2nd row from the front of the 4th column from the left.

221. Horizontally place a black 2x4 brick on the front row so it is centered horizontally and overhangs 1 row to the front. Then vertically place a light grey 1x2x2 brick with 2x2 side studs to the right of the ppp so 1 row overhangs to the front and the side studs face the right. Then vertically place another 1 behind the ppp so the side studs face the right. Now repeat both parts symmetrically to the left.

222. Vertically place a white 1x6 plate on the front 6 rows of the 3rd column from the right. Then repeat symmetrically to the left.

223. Place a black 3x3 L-shaped plate on the back 2 rows of the ppp so 1 row overhangs to the back and the corner faces the back left. Then repeat symmetrically to the right. Now place a blue 2x2 slope brick on the back 2 rows so it is centered horizontally and slopes to the front.

224.1. Let's make a part! Vertically place a red 1x4 plate in front of you. Then vertically place a blue 1x2 brick with 2 side studs on the back 2 rows so the side studs face the right. Now place a white 1x1 short brick in front of the ppp. Then place a dark grey 1x1 brick with 2 side studs in front of the ppp so the side studs face the front and right.

224.2. Vertically place your part on the front 4 rows of the 3rd column from the right so the side studs face the front and right.

225. Vertically stack 2 white 2x4 plates upright on the back 2 columns of right-facing side studs.

226. Vertically place a yellow 2x4 sloped curved tile upright on the right-facing side studs, in front of the 2 ppp so it slopes to the front.

#### Group 29 - Up-Scaled Blue Astronaut Minifigure

227.1. Let's make a part! Horizontally place a yellow 2x3 plate in front of you. Then place a blue 3x3 plate on top so 1 row overhangs to the front. Now horizontally place a blue 1x4 plate underneath the front row so 1 column is exposed to the left. Then place a black 1x1 plate on the front left corner.

227.2. Horizontally place a blue 2x3 tile on the back 2 rows. Then horizontally place a blue 2x2 plate with a cutoff corner on the front right corner so the angled part overhangs to the front and the short side faces the left. Now place a blue 1x1 tile to the left of the ppp. Then vertically place a blue 1x2 angled sloped curved tile to the left of the ppp so it slopes and overhangs to the front, and the cutoff corner faces the front right.

227.3. Vertically place your part upright on the bottom 3 rows of right-facing side studs so the 2x3 tile is in the back and it overhangs 2 rows to the front.

228. Horizontally place a blue 1x2 brick with 2 side studs upright on the right-facing side studs, above the previous part so the side studs face up.

#### Group 30 - Up-Scaled Blue Astronaut Minifigure

229.1. Let's make a part! Vertically place a red 1x4 plate in front of you. Then vertically place a blue 1x2 brick with 2 side studs on the back 2 rows so the side studs face the left. Now place a white 1x1 short brick in front of the ppp. Then place a dark grey 1x1 brick with 2 side studs in front of the ppp so the side studs face the front and left.

229.2. Vertically place your part on the front 4 rows of the 3rd column from the left so the side studs face the front and left.

230. Vertically stack 2 white 2x4 plates upright on the back 2 columns of left-facing side studs.

231. Vertically place a yellow 2x4 sloped curved tile upright on the left-facing side studs, in front of the 2 ppp so it slopes to the front.

#### Group 31 - Up-Scaled Blue Astronaut Minifigure

232.1. Let's make a part! Horizontally place a yellow 2x3 plate in front of you. Then place a blue 3x3 plate on top so 1 row overhangs to the front. Now horizontally place a blue 1x4 plate underneath the front row so 1 column is exposed to the right. Then place a black 1x1 plate on the front right corner.

232.2. Horizontally place a blue 2x3 tile on the back 2 rows. Then horizontally place a blue 2x2 plate with a cutoff corner on the front left corner so the angled part overhangs to the front and the short side faces the right. Now place a blue 1x1 tile to the right of the ppp. Then vertically place a blue 1x2 angled sloped

curved tile to the right of the ppp so it slopes and overhangs to the front, and the cutoff corner faces the front left.

232.3. Vertically place your part upright on the bottom 3 rows of left-facing side studs so the 2x3 tile is in the back and it overhangs 2 rows to the front.

233. Horizontally place a blue 1x2 brick with 2 side studs upright on the left-facing side studs, above the previous part so the side studs face up.

Building Instructions (Bag 8, Book 1):

#### Group 32 - Up-Scaled Blue Astronaut Minifigure

234. Let's make a part! Horizontally place a blue 2x10 plate in front of you. Then horizontally place a white 2x4 plate on top so it is centered horizontally.

235. Vertically place a yellow 2x3 plate on top so it is centered horizontally and overhangs 1 row to the back. Then vertically place a dark grey 1x2 rounded plate to the left of the ppp. Then repeat symmetrically to the right.

236. Horizontally place a white 2x4 plate on the front 2 rows so it is centered horizontally. Then place a blue 2x2 plate on top of the ppp so it is centered horizontally.

237. Horizontally place 2 blue 1x3 sloped curved bricks with a 1x1 plate, 1 in front of the other, on the 2nd to 4th columns from the left so they slope to the left. Then repeat symmetrically to the right.

#### Group 33 - Up-Scaled Blue Astronaut Minifigure

238. Horizontally place a blue 2x4 plate on top of the front 2 rows so it is centered horizontally. Then place a blue 2x2 plate on top of the ppp so it is centered horizontally.

239. Horizontally place 2 blue 1x4 sloped curved bricks with a 1x1 plate, 1 in front of the other, on the 4 leftmost columns so they slope to the left. Then repeat symmetrically to the right.

240. Horizontally place a blue 2x4 tile on the front 2 rows so it is centered horizontally.

241. Horizontally place your part upright on the bottom 2 rows of front-facing side studs so it is centered horizontally.

242.1. Place a white 2x2 slope brick printed with a radar on the 4th and 5th columns from the right of the front 2 rows of studs so it sits on a 2x4 brick and it slopes to the back.

#### Group 34 - Up-Scaled Blue Astronaut Minifigure

242.2. Place a white 2x2 slope brick printed with a screen with buttons to the left of the ppp so it slopes to the back.

243. Horizontally place a black 1x4 brick on top of the 2 ppp so it is centered horizontally.

244. Horizontally place a blue 1x2 grill tile on top of the ppp so it is centered horizontally. Then place the front row of a light grey 2x2 corner tile with a cutoff corner to the left of the ppp so the cutoff corner faces the back right. Then repeat symmetrically to the right.

245. Vertically place a light grey 1x4 tile with 2 studs on the right column of the ppp so it sits on 3 studs. Then repeat symmetrically to the left.

246. Rotate your part 180 degrees. Now place a blue 1x6x3 curved panel on the front right corner so the curve faces the front right. Then repeat symmetrically to the left.

247. Rotate your part 180 degrees. Then horizontally place a yellow 4x6 sloped curved tile printed with a happy face upright on the front-facing side studs so it is centered horizontally.

248. Place a blue 1x7 curved plate on the back left corner so the curve faces the back left. Then repeat symmetrically to the right.

249. Horizontally place a blue 1x2 grill tile on the back row so it is centered horizontally. Then place a blue 1x4 curved tile to the left of the ppp so the curve faces the back left. Now place a blue 1x1 tile in front of the leftmost column of the ppp. Then repeat both parts symmetrically to the right.

250. Let's make another part! Let's make a helmet! Place a light grey 8x8 round plate in front of you. Then place a yellow 2x2 round plate on top so it is centered.

251. Vertically place a blue 2x4 plate in front of the ppp so it is centered horizontally and overhangs 1 row to the front. Then repeat symmetrically to the back. Now horizontally place another 1 on the 3 leftmost columns so it is centered vertically and 1 column overhangs to the left. Then repeat symmetrically to the right.

#### Group 35 - Up-Scaled Blue Astronaut Minifigure

252. Horizontally place a white 2x6 brick on top so it is centered horizontally and vertically. Then place a light grey 2x2 round brick in front of the ppp so it is centered horizontally. Then repeat symmetrically to the back.

253. Vertically place a black 2x4 plate on top so it is centered horizontally and vertically. Then vertically place a red 1x2 rounded plate to the left of the ppp so it is centered vertically. Then repeat symmetrically to the right.

254. Horizontally place a black 2x4 plate on top so it is centered horizontally and vertically. Then horizontally place a red 1x2 rounded plate in front of the ppp so it is centered horizontally. Then repeat symmetrically to the back.

255. Place a yellow 2x2 round plate on top so it is centered.

256. Horizontally place 2 blue 1x4 sloped curved bricks with a 1x1 plate, 1 in front of the other, on the 4 leftmost columns so together they are centered vertically and slope to the left. Then repeat symmetrically to the right. Now vertically place 2 more, 1 to the right of the other, on the front 4 rows so together they are centered horizontally and slope to the front. Then repeat symmetrically to the back.

257. Place 2 blue 2x2 corner plates, 1 to the right of the other, on the 4th and 5th rows from the front so together they are centered horizontally and there is no overhang. The left one should look like the braille letter d and the right one should look like the braille letter f. Now repeat both parts symmetrically to the back.

258. Place a blue 4x4x3 quarter circle sloped curved brick on the front left corner so it slopes and overhangs to the front left. Then repeat symmetrically to the right. Now repeat both parts symmetrically to the back.

259. Stack 2 blue 1x7 curved plates underneath the front left corner so the curve faces the front left. Then repeat symmetrically to the right.

260. Place your part on top of your head so it is centered.

261. Bring back your main build and horizontally place it in front of you so the jetpack is in the back. Now insert a red 4L axle in the top-facing axle hole. Now place your head on top so it is centered on it and the face faces the front.

#### Group 36 - Robot

262. Let's make a robot! Horizontally place a blue 1x2 jumper plate in front of you.

263. Place a blue 1x1 brick with a side stud and bottom lip underneath the left column so the side stud faces the left. Then repeat symmetrically to the right.

264. Place a light grey 1x1 brick with a side stud on each side on top. Now place a yellow 1x1 round plate upright on the front-facing side stud. Then place a light grey round part with a black antenna upright on the top left-facing side stud so the antenna faces the top left. Then repeat symmetrically to the right.

265. Let's make a part! Horizontally place a blue 1x2 hinge panel in front of you so the wall faces the back. Then horizontally place a light grey 1x2 plate with a bar underneath on top. Now horizontally place your part underneath your robot.

266. Place a light grey 1x1 round plate with a bar and clip upright on the left-facing side stud so the clip faces the front. Then repeat symmetrically to the right.

Now you can remove the top part off the helmet and place your robot inside, then close it back up!

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!

Please [signup](#) for our newsletter and follow us on [Facebook](#) and [Instagram](#) to be the first to know when new instructions are available!

We hope you enjoyed building your LEGO set! Bricks for the Blind is able to create these text-based building instructions thanks to generous donations from our builders. If you enjoy the instructions we create, please consider making a \$5 donation at <https://www.gofundme.com/f/bricks-for-the-blind-gofundme>. Bricks for the Blind is a registered tax exempt 501(c)(3) corporation.

At the end of the instruction booklets, there are no ads.