11037 Creative Space Planets

Adapted by John Le and tested by Hannah Kinsey.

The LEGO® Classic Creative Space Planets (11037) toy launches young astronauts and stargazers aged 5+ on a journey of creative exploration. The easy-to-build kids' solar system toy, astronaut and space shuttle model kit is ideal for kids who want to build, play and boldly go where no LEGO builder has gone before!

Kids assemble the colorful bricks to build a rocket ship toy, aliens, astronauts and a mini solar system including Mars, Earth, the sun and Saturn with its rings. The space models can then be customized using alternative colors, shapes, eyes, expressions and a stand that allows the model to rotate. There are even glow-in-the-dark bricks for nighttime visibility. The cosmic creativity continues with suggestions for alternative builds, including a complete 8-planet solar system.

LEGO® space models building kit for kids – Launch boys and girls aged 5+ on a journey of creative exploration with the endlessly reconfigurable LEGO Classic Creative Space Planets set.

Solar system and space toys – Kids build a solar system (Mars, Earth and the sun) and assemble the colorful bricks to build a rocket ship toy, funny alien, astronaut and Saturn with its rings.

Inspire young builders – Special pieces, including alternative shapes, eyes, expressions and glow-in-the-dark bricks encourage kids to customize their creations.

Endlessly reconfigurable – A guide features 10 alternative building suggestions, including an 8-planet solar system.

LEGO® gifts for kids – Kids who like space models, solar system toys, space shuttle rockets, astronauts and aliens will love to receive this building-bricks toy as a birthday, holiday or any-day gift.

450-piece building kit – The space rocket measures over 5 in. (12 cm) high, although models can grow and shrink in size as your little builder modifies the design.

The front of the box shows a bunch of colorful building blocks! Above them, there is a rocket ship, an astronaut, planets, and even an alien!

The back of the box shows a bunch of different designs of aliens and different planets that you can create! The other alien designs have 2 antennas with eyes, and 1 that has a piano! The different planets you can build are just hexagon shaped builds that are made with different colors!

The top of the box shows a real size image of a white 1x1 round tile printed with an eye.

The build is 450 pieces in total and is for ages 5+.

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

- In Front of/Front: towards you.
- Behind/Back: away from you.
- Up: towards the ceiling.

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

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/11037) 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 7 bags labeled 1 to 7 but only 3 will be used, 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 - Spaceship and Astronaut
Group 1 - Steps 1-13.
Group 2 - Steps 1-4.
Group 3 - Steps 1-12.

Bag 2 - Space Creatures
Group 4 - Steps 1-25.
Group 5 - Steps 26-29 and 1 lime green 1x1 brick with a side stud from Step 30.
Group 6 - Rest of Step 30 and 2 lime green 1x2 slope bricks from Steps 31-32.
Group 7 - Rest of Steps 31-32 and 1 white 1x1 round tile printed with an eye from Step 33.

Group 8 - Rest of Step 33 and 1 lime green 2x2 inverted slope brick from Step 34.
Group 9 - Rest of Step 34 and Steps 35-37.
Group 10 - Steps 38-41.
Group 11 - Step 42 and 2 red 1x2 slope bricks from Steps 43-44.
Group 12 - Rest of Steps 43-44, Step 45, and 1 red 2x2 inverted slope brick from Step 46.
Group 13 - Rest of Step 46 and Step 47.

Bag 3 - Space Creature and Alien
Group 14 - Steps 1-6 and 1 light grey 1x1 brick with a side stud from Step 7.
Group 15 - Rest of Step 7, Steps 8-11, and 1 light grey 2x2 inverted slope brick from Step 12.
Group 16 - Rest of Step 12 and Step 13.
Group 17 - Steps 1-16.

Let’s get to building!

Building Instructions (Bag 1, Book 1):

Group 1 - Spaceship

Step 1

Horizontally place a pink 2x4 plate in front of you.

Step 2

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

Step 3

Vertically place a white 1x2 brick with 2 side studs on the leftmost column so the side studs face the left. Then repeat symmetrically to the right.

Step 4

Horizontally place a white 2x4 brick on top.

Step 5

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

Step 6

Vertically place a white 1x2 ridged brick on the leftmost column so the horizontal ridges face the left. Then repeat symmetrically to the right.

Step 7

Place a white 2x2x3 slope brick on the 2 leftmost columns so it slopes to the left. Then repeat symmetrically to the right.

Step 8

Place a white 2x2 plate on top of the 2 ppp.

Step 9

Place a light blue 2x2 round tile upright on the top row of front-facing side studs so 1 row overhangs to the top and it is centered horizontally. Then repeat symmetrically to the back.

Step 10

Horizontally place a glow in the dark 1x2 plate on the front row. Then repeat symmetrically to the back.

Step 11

Place a red 2x2x2 cone brick on top of the 2 ppp. Then place a transparent red 1x1 cone brick on top of the ppp.

Step 12

Place a transparent orange 2x2 round brick underneath the 2 leftmost columns. Then repeat symmetrically to the right.

Step 13

Vertically place the top row of a red 2x3 sloped curved brick upright on the 2 left-facing side studs so it slopes up and overhangs to the bottom. Then repeat symmetrically to the right. Now vertically place the top row of a red 2x3 sloped curved brick upright on the front-facing side studs so it slopes up and overhangs to the bottom.

Group 2 - Spaceship Engine Smoke

Step 1

Let’s make a part! Let’s make the smoke from the engine of the ship! Horizontally place a light grey 2x10 plate in front of you. Then vertically place a light grey 1x2 sloped curved brick on the rightmost column so it slopes to the right.

Step 2

Horizontally place a light grey 2x3 sloped curved brick on the 3 leftmost columns so it slopes to the left. Then horizontally place another 1 to the right of the ppp so it slopes to the right. Now horizontally place 1 more to the right of the ppp so it slopes to the left.

Step 3

Vertically place a light grey 1x2 brick on the 2nd column of studs from the left.

Step 4.1

Vertically place a light grey 1x2 sloped curved brick to the left and right of the ppp so they slope outwards to the left and right. Now vertically place 1 on the rightmost column of studs so it slopes to the right. Then vertically place 1 to the left of the ppp so it slopes to the left.

Step 4.2

Bring back your main build and place it on the leftmost column of studs so the leftmost column is aligned with the leftmost column of the smoke sub-build.

Group 3 - Astronaut

Step 1

Place a transparent 2x2 round brick in front of you.

Step 2

Place a dark grey 2x2 brick on top of the ppp.

Step 3

Horizontally place a glow in the dark 1x2 plate on the front row. Then repeat symmetrically to the back.

Step 4

Horizontally place a white 2x4 plate on top so it is centered horizontally.

Step 5

Horizontally place a white 1x2 ridged brick on the back row so it is centered horizontally and the horizontal ridges face the back. Now horizontally place a white 1x2 brick with 2 side studs on the front row so it is centered horizontally and the side studs face the front.

Step 6

Vertically place a white 1x2 sloped curved brick on the leftmost column so it slopes to the left. Then repeat symmetrically to the right.

Step 7

Place a light blue 2x2 plate on top.

Step 8

Vertically place the top row of a light blue 2x3 sloped curved brick upright on the front-facing side studs so it slopes up and overhangs 2 rows to the bottom.

Step 9

Place a black 1x1 round part with an antenna upright on the top right front-facing side stud so the antenna faces up.

Step 10

Horizontally place a white 2x4 inverted sloped curved brick on top so it is centered horizontally.

Step 11

Horizontally place 2 transparent aqua 1x2 bricks, 1 to the right of the other, on the back row. Then horizontally place a white 1x4 brick in front of the 2 ppp.

Step 12

Vertically place a white 1x2 sloped curved brick on the rightmost column so it slopes to the right. Then horizontally place a white 2x3 sloped curved brick to the left of the ppp so it slopes to the left. Now put your astronaut away while we make space creatures!

Building Instructions (Bag 2, Book 1):

Group 4 - Space Planet

Step 1

Horizontally place a black 2x4 plate in front of you.

Step 2

Place a yellow 2x2 brick on top so it is centered horizontally.

Step 3

Place a yellow 2x2 inverted slope brick on the leftmost column so it slopes and overhangs to the left. Then repeat symmetrically to the right.

Step 4

Horizontally place a light yellow 2x6 plate on top.

Step 5

Horizontally place a light orange 2x4 brick on top so it is centered horizontally.

Step 6

Place a light orange 2x2 inverted sloped curved brick on the leftmost column so it slopes and overhangs 1 column to the left. Then repeat symmetrically to the right.

Step 7

Horizontally place 2 dark orange 2x4 plates, 1 to the right of the other, on top.

Step 8

Vertically place a light orange 1x2 brick with a side stud on the rightmost column so the side stud faces the right.

Step 9

Horizontally place a black 1x6 brick on the back row so it is centered horizontally.

Step 10

Vertically place a light orange 1x2 brick with a side stud on the leftmost column so the side stud faces the left.

Step 11

Place a yellow 1x1 brick with a side stud on the front row of the 2nd column from the left so the side stud faces the front. Then repeat symmetrically to the right.

Step 12

Horizontally place 2 light orange 1x2 inverted arch bricks, 1 to the right of the other, on the front row so together they are centered horizontally and slope inwards to the left and right.

Step 13

Horizontally place 2 dark orange 2x4 plates, 1 to the right of the other, on top.

Step 14

Place a white 2x2 round tile printed with a black and white eye upright on the leftmost front-facing side stud so it is centered on it. Then repeat symmetrically to the right.

Steps 15 to 16

Horizontally place a light orange 1x2 slope brick on the back right corner so it slopes to the right. Then repeat symmetrically to the front.

Step 17

Horizontally place a light orange 2x4 brick on top so it is centered horizontally.

Step 18

Horizontally place a light orange 1x2 slope brick on the back left corner so it slopes to the left. Then repeat symmetrically to the front.

Step 19

Horizontally place a light yellow 2x6 plate on top.

Steps 20 to 21

Horizontally place a yellow 1x2 slope brick on the back right corner so it slopes to the right. Then repeat symmetrically to the front.

Step 22

Place a yellow 2x2 brick to the left of the 2 ppp.

Step 23

Horizontally place a yellow 1x2 slope brick on the back left corner so it slopes to the left. Then repeat symmetrically to the front.

Step 24

Place a transparent 6x6 dish underneath your build so it is centered horizontally and vertically.

Step 25

Attach a transparent 4L bar into the left-facing side stud. Then repeat symmetrically to the right.

Group 7 - Space Planet

Step 26

Put away your planet while we make another! Horizontally place a white 2x4 plate in front of you.

Step 27

Horizontally place a light blue 1x3 brick on the back right corner.

Step 28

Place a lime green 1x1 brick with a side stud on the front right corner so the side stud faces the front.

Step 29

Horizontally place a lime green 1x2 brick printed with a smile to the left of the ppp so the print faces the front.

Step 30.1

Place a lime green 1x1 brick with a side stud on the back left corner so the side stud faces the left.

Group 8 - Space Planet

Step 30.2

Place a white 1x1 brick with a side stud on the front left corner so the side stud faces the front.

Step 31

Horizontally place a lime green 1x2 slope brick on the back left corner so it slopes to the left. Then repeat symmetrically to the front.

Group 9 - Space Planet

Step 32

Horizontally place a light blue 1x2 slope brick on the back right corner so it slopes to the right. Then repeat symmetrically to the front.

Step 33.1

Place a white 1x1 round tile printed with an eye upright on the rightmost front-facing side stud.

Group 10 - Space Planet

Step 33.2

Place a white 1x1 round tile printed with a closed eye upright on the leftmost front-facing side stud.

Step 34.1

Place a lime green 2x2 inverted slope brick underneath the 2 rightmost columns so it slopes to the right.

Group 11 - Space Planet

Step 34.2

Place a light blue 2x2 inverted slope brick underneath the 2 leftmost columns so it slopes to the left.

Step 35

Place a transparent 1x1 round brick on the front left corner.

Step 36

Place a light grey 1x1 ball on top of the ppp.

Step 37

Bring back your previous planet and make sure it is horizontal and the upright 2x2 round tiles face the front. Now horizontally attach the left-facing side stud of your current build to the right-facing bar! Now put it away while we make another planet!

Group 12 - Space Planet

Step 38

Horizontally place a pink 2x4 plate in front of you.

Step 39

Horizontally place a red 1x3 brick on the back left corner.

Step 40

Place a pink 1x1 brick with a side stud on the front left corner so the side stud faces the front.

Step 41

Horizontally place a red 1x2 brick with a pinhole to the right of the ppp.

Group 13 - Space Planet

Step 42

Place an orange 1x1 brick with a side stud on the back right corner so the side stud faces the right. Then place another 1 on the front right corner so the side stud faces the front.

Step 43

Horizontally place a red 1x2 slope brick on the back left corner so it slopes to the left. Then repeat symmetrically to the front.

Group 14 - Space Planet

Step 44

Horizontally place a red 1x2 slope brick on the back right corner so it slopes to the right. Then repeat symmetrically to the front.

Step 45

Place a white 1x1 round tile printed with an eye upright on each of the 2 front-facing side studs.

Step 46.1

Place a red 2x2 inverted slope brick underneath the 2 rightmost columns so it slopes to the right.

Group 15 - Space Planet

Step 46.2

Place an orange 2x2 inverted slope brick underneath the 2 leftmost columns so it slopes to the left.

Step 47

Bring back your main build so it is horizontal and the 4L bar faces the left. Now horizontally attach the right-facing side stud of your current build to the left-facing bar.

Building Instructions (Bag 3, Book 1):

Group 16 - Space Planet

Step 1

Let’s make another planet! Horizontally place a black 4x8 plate with a round side in front of you so the round side faces the back.

Step 2

Place a yellow 1x4 curved tile on the back left corner so it aligns with the ppp. Then repeat symmetrically to the right.

Step 3

Horizontally place a light grey 2x4 plate on the front row so it is centered horizontally and overhangs 1 row to the front.

Step 4

Horizontally place a black 4x8 plate with a round side underneath the front row so it is centered horizontally and the round side faces the front.

Step 5

Place a yellow 1x4 curved tile on the front left corner so the curve faces the front left and it aligns with the ppp. Then repeat symmetrically to the right.

Step 6

Horizontally place a pink 1x4 brick on the 4th row from the back so it is centered horizontally.

Step 7.1

Horizontally place a pink 1x2 brick in front of the ppp so it is centered horizontally. Now place a light grey 1x1 brick with a side stud to the left of the ppp so the side stud faces the front.

Group 17 - Space Planet

Step 7.2

Place a magenta 1x1 brick with a side stud to the right of the 1x2 brick from the previous step so the side stud faces the front.

Step 8

Place a white 1x1 round tile printed with a black star upright on each of the 2 front-facing side studs.

Steps 9 to 10

Horizontally place 2 magenta 1x2 slope brick, 1 in front of the other, on the 3rd and 4th columns from the right so it is centered vertically and slopes to the right.

Step 11

Place a light purple 2x2 slope brick to the left of the 2 ppp so it slopes to the left.

Step 12.1

Place a light grey 2x2 inverted slope brick underneath the 3rd and 4th columns from the right so it is centered vertically and slopes to the right.

Group 18 - Space Planet

Step 12.2

Place a magenta 2x2 inverted slope brick to the left of the ppp so it slopes to the left.

Step 13

Place a transparent 2x2 round brick underneath your build so it is centered. This is a planet with a ring around it! Now put it away while we make an alien!

Group 19 - Alien

Step 1

Horizontally place a magenta 2x4 plate in front of you.

Step 2

Horizontally place a lime green 2x4 brick on top.

Step 3

Vertically place a lime green 1x2 brick with 2 side studs on the rightmost column so the side studs face the right.

Step 4

Horizontally place a magenta 1x2 brick on the back row so it is centered horizontally.

Step 5

Place 2 glow in the dark 1x1 round tiles, 1 to the right of the other, on the front row so together they are centered horizontally.

Step 6

Vertically place a lime green 1x2 brick with 2 side studs on the leftmost column so the side studs face the left.

Step 7

Horizontally place a lime green 2x4 plate on top so it is centered horizontally.

Step 8

Vertically place a lime green 1x2 brick on the rightmost column. Then repeat symmetrically to the left.

Step 9

Horizontally place a lime green 1x2 brick on the back row so it is centered horizontally.

Step 10

Horizontally place a lime green 1x2 brick with 2 side studs on the front row so it is centered horizontally and the side studs face the front.

Step 11

Horizontally place a lime green 1x2 slope brick on the back right corner so it slopes to the right.

Step 12

Horizontally place a lime green 1x2 slope brick on the back left corner so it slopes to the left.

Step 13

Horizontally place a lime green 1x2 slope brick on the front right corner so it slopes to the right. Then repeat symmetrically to the left.

Step 14

Place a white 2x2 round tile printed with an eye upright on the 2 front-facing side studs so 1 row overhangs to the top.

Step 15

Place a lime green curved branch upright on the front left-facing side stud so it sticks up. Then repeat symmetrically to the right.

Step 16

Place a magenta 2x2 inverted slope brick underneath the 2 leftmost columns so it slopes to the right. Then repeat symmetrically to the right.

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

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 advertisements!