

40716 Alien Habitat

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Unlock galaxies of imaginative play with the LEGO® Alien Planet Habitat (40716) set, a thrilling space toy for budding astronauts aged 7 and up. Packed with extraterrestrial fun, the play model includes 2 habitat sections and 3 alien figures.

Launch imaginations – Kids aged 7 and up explore new planets with the LEGO® Alien Planet Habitat space toy set.

Extraterrestrial habitats – Features 2 alien habitats, which can be decorated with vegetation and crystal elements.

LEGO® aliens – Kids get acquainted with the 3 alien figures, who are decorated with unique faces that include a new eye element.

Dimensions – The set includes 206 pieces and the largest habitat measures over 2 in. (6 cm) high, 6.5 in. (17 cm) wide and 3 in. (8 cm) deep.

The front of the box shows 2 different alien habitats on a planet! There are 3 aliens flying and walking around! Hopefully they are friendly!

The back of the box shows the 2 habitats again. The aliens are standing and flying in the habitat! There are a lot of different plants and trees!

The top of the box shows a real size image of a lime green 1x1 round tile printed with a black and white eye!

The build is 206 pieces in total and is for ages 7+.

Bags 1 and 2 include the pieces for 2 aliens and a habitat.

Bags 3 and 4 include the pieces for 1 alien and a habitat.

Welcome to text-based instructions from Bricks for the Blind. Before you start building, here are some terms we'll be using:

- In Front of/Front: towards you.
- Behind/Back: away from you.
- Up: towards the ceiling.
- Down: towards the floor.
- Stud: the bump on a LEGO brick. Example: A 2x1 brick has two studs on it.
- Vertically: with the longest side going from front to back
- Horizontally: with the longest side going from left to right.
- Upright: pointing up towards the ceiling.
- Standing upright: The piece is perpendicular to the ground, like a wall.
- Lying flat: The piece is parallel to the ground, like a piece of toast which fell off the table.
- That one/ppp: previously placed piece.

- Plate: piece with studs.
- Tile: smooth piece without studs (unless otherwise specified)
- A jumper plate is a 1x2 plate with a single stud on top, or a 1x3 plate with only two studs on top.
- “Anti-stud” is a term for the portion of a LEGO piece which accepts studs, like the bottom of a plate or brick.
- Symmetrically: a mirror image. Example: If you place a 2x1 brick with technic connector on the front wall at the right, connector to the front, and then place another such piece symmetrically on the back wall, at the right, the technic connector of the second piece should point to the back, since it will be placed symmetrically.
- Centered-vertically: even amount of space in front of and behind piece
- Centered-horizontally: even amount of space left and right of piece.
- Row: studs lined up horizontally (left to right/side to side).
- Column: studs lined up upright or vertically (top to bottom/back to front).

For builders with low vision, or a sighted building partner 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/40716>) As low vision users may benefit from viewing the instructions on a personal device where they can zoom in on content and use assistive technologies to enhance the visuals.

Sorting the pieces:

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

This LEGO set comes with 4 bags labeled 1 to 4, 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.

Bags 1-2 - 2 Aliens and Habitat

- Group 1 - Steps 1-8.
- Group 2 - Steps 9-10.
- Group 3 - Steps 1-11.
- Group 4 - Steps 1-7.
- Group 5 - Steps 8-12.
- Group 6 - Steps 13-22.

Bags 3-4 - 1 Alien and Habitat

- Group 7 - Steps 1-4 and 1 green 1x2 jumper plate from Step 5.
- Group 8 - Rest of Step 5 and Steps 6-8.
- Group 9 - Steps 1-7.

Group 10 - Steps 8-10.
Group 11 - Steps 11-14.
Group 12 - Steps 15-18.
Group 13 - Steps 19-26.
Group 14 - Steps 27-28.

Let's get to building!

Building Instructions (Bags 1-2, Book 1):

Group 1 - Alien

1. Horizontally place a green 1x2 plate with 3 teeth in front of you so the teeth face the front. Then horizontally place a lime green 1x2 rounded plate on top.
2. Horizontally place a green 1x2 plate with 2 side studs above the plate on top so the side studs face the front.
3. Place a tan 1x1 brick with 2 side studs on the left column so the side studs face the left and back. Then repeat symmetrically to the right.
4. Horizontally place a tan 1x2 plate with 2 side studs hanging down on top so the side studs face the front.
5. Place a dark grey 1x1 clip upright on the left-facing side stud so the clip hands face the front and back. Then repeat symmetrically to the right.
6. Place a tan 1x1 round plate with a bar upright on the front-facing top left side stud so the bar faces the left. Then repeat symmetrically to the right.
7. Place a dark tan 1x2 plate with 3 claws upright on the front-facing side studs so the claws face down.
8. Horizontally place a dark tan 1x2 jumper plate upright on the front-facing side studs. Then place a lime green 1x1 round tile printed with a black and white eye upright on the front-facing side stud.

Group 2 - Alien

9. Horizontally place a lime green 1x2 jumper plate on top. Then place a light green fang on top so it curves to the back.
10. Place 2 light blue 1x1 plates with 3 leaves, 1 to the right of the other, upright on the back-facing side studs so the leaves face left and right. Now put your alien away so we can make another one!

Group 3 - Alien

1. Place a tan 2x2 plate in front of you. Then vertically place a green 1x2 plate with a vertical bar on the long side on the left column so the bar faces the left.

2. Place a light green 1x1 plate with a bar and a rounded side on the front right stud so the bar faces the front right. Then repeat symmetrically to the back.

3. Place a tan 2x2 plate on top.

4. Vertically place a lime green 1x2 rounded plate on the right column. Then vertically place a dark green 1x1 plate with a 1x1 sloped curved brick on the front left corner so it slopes and overhangs to the front. Then repeat symmetrically to the back.

5. Vertically place a dark grey 1x2 plate with a ball on the long side on the right column so the ball faces the right. Now place a green 2x2 sloped curved tile on top so it slopes to the left.

6.1. Let's make 2 identical parts! Horizontally place a light green 1x2 plate with a bar on the short side in front of you so the bar faces the right. Now place a green 1x1 plate with a clip on the left side so the clip faces the left. Then horizontally place a dark green 1x2 sloped curved tile on top so it slopes to the right.

6.2. Attach the clip of 1 part to the front right bar. Then repeat symmetrically to the back.

7. Rotate your build 90 degrees counterclockwise so the 2x2 sloped curved tile slopes to the front. Then place a light green 1x1 plate with a rounded side and a bar underneath the front left 1x1 sloped curved brick so the bar faces the front. Then repeat symmetrically to the right.

8. Place a light green stem with a swirl on top of the middle bar in the front so the little stem faces the front.

9.1. Let's make a part! Horizontally place a tan 1x3 plate in front of you. Then horizontally place a light grey 1x2 plate with a socket on the short side on top of the left 2 columns so the socket faces the left. Now place a light green 1x1 plate to the right.

9.2. Horizontally place a light grey 1x2 plate with a socket on the short side on top of the right 2 columns so the socket faces the right. Now horizontally place a dark green 1x2 sloped curved tile on the left 2 columns so it slopes to the left. Then place a light green 1x1 plate to the right.

9.3. Place a mint blue 1x1 plate with 3 leaves underneath the leftmost column so the leaves face the left. Now place another 1 on top of the rightmost column so the leaves face the left.

9.4. Rotate your build so the ball faces the right. Now attach the left-facing socket of your part to the ball.

10. Lift your previous part upright so the other socket faces up.

11.1. Let's make a part! Place a lime green 2x2 flower plate in front of you.

11.2. Place a lime green 2x2 dome printed with 3 eyes and a mouth on top so the print faces the front. Then place a light green fang on top so it curves to the back.

11.3. Insert a light grey 1L axle with a ball underneath it so it is centered. Now attach the ball of your part to the top-facing socket of your build! Now put your alien away while we make the habitat!

Group 4 - Habitat

1. Place a dark tan 10x10 octagon plate in front of you. Then place a light blue 2x2 tile with a stud on the front 2 rows so it is centered horizontally.
2. Horizontally place a tan 1x2 brick behind the 2x2 tile with a stud. Then horizontally place a tan 2x4 brick behind it so it is centered horizontally.
3. Horizontally place a tan 1x2 brick on top of the previous 1x2 brick. Then horizontally place a red brown 1x4 brick behind it so it is centered horizontally.
4. Horizontally place a tan 1x2x2 slope brick to the left of the 1x2 bricks so it slopes to the left. Then repeat symmetrically to the right. Now horizontally place a tan 1x2x2 slope brick to the left of the previous 1x4 brick so it slopes to the left. Then repeat symmetrically to the right.
5. Vertically place a tan 1x2 slope brick on the front 2 rows to the left of the 2x2 tile with a stud so it slopes to the front.
6. Place a tan 1x1 brick with a clip on top of the 1x2 slope brick so the clip faces the front. Then vertically place a tan 1x2x2 slope brick to the right of the 2x2 tile with a stud so it slopes to the front.
7. Place a purple crystal on top of the 2x2 tile with a stud. Then place another 1 on the rightmost column to the right of the 1x2x2 slope brick that is to the right of the 1x4 brick. Now place a mint blue 1x1 plate with 3 leaves to the right of the 1x2x2 slope brick that is to the right of the 2x2 tile with a stud so the leaves face the front right.

Group 5 - Habitat

8. Horizontally place a red brown 1x2 slope brick on the left 1x2x2 slope brick and leftmost stud of the 1x4 brick so it slopes to the left. Then repeat symmetrically to the right.
9. Horizontally place a brown 1x4 arch brick on the 2nd row from the front on top of the 1x1 brick with a clip and 1x2x2 slope brick. Now place a red brown 2x2 corner brick behind the left 2 columns of the arch brick so it looks like the braille letter j. Then repeat symmetrically to the right.
10. Rotate your build 180 degrees so the arch brick is in the back. Now place a transparent pink 1x1 round plate with a leaf on the 2nd stud from the left of the 1x4 arch brick so the leaf faces the back. Now place a tan 2x2 slope brick to the right so it slopes to the back and there is no overhang.

Group 6 - Habitat

11. Place a magenta 1x1 plate with a stack of balls on top of the previous 1x1 round plate with a leaf. Now horizontally place a tan 1x2 slope brick in front of the 2x2 slope brick from the previous step so it slopes to the right. Then place a tan 2x2 slope brick to the left so it slopes to the left and there is no overhang.
12. Place a tan 2x2 slope brick in front of the 1x4 brick that is on top of the 10x10 octagon plate so it is centered horizontally and slopes to the front. Now place a purple 2x2 round tile with a stud on the 2 leftmost columns on the 4th and 5th rows from the front.

13. Place a brown 2x2x2 slope brick on top of the 1x4 brick and 2x2 slope brick from the previous step so it slopes to the front. Now place a mint blue 1x1 plate with 3 leaves to the left so it sits on the 1x4 brick and the leaves face the front left. Then repeat symmetrically to the right.

14. Place a tan 1x1 brick with a clip on top of the right stud of the 2x2x2 slope brick from the previous step so the clip faces the right. Then place a mint blue 1x1 plate with 3 leaves to the left so the leaves face the front left.

15. Rotate your build so the right-facing clip from the previous step faces the front. Now horizontally place a tan 1x2 slope brick on top of the 1x1 brick with a clip so it slopes to the left and there is no overhang. Then vertically place 1 to the right so it slopes to the front and sits on the 2x2 slope brick. Now horizontally place a tan 1x2 brick behind them.

16. Place a red brown 2x2 plate on top of the bricks from the previous step. Then horizontally place a tan 1x3x3 half-arch to the left of the back row of it so it overhangs to the left.

17. Horizontally place a tan 1x2 slope brick on the rightmost column of the 1x3x3 half arch brick so it slopes to the right. Then horizontally place a red brown 1x2 plate on top so there is no overhang.

18. Place a transparent pink 1x1 round plate with a leaf to the left of the 1x2 plate from the previous step so the leaf faces the left. Then place a magenta 1x1 round plate with a stack of balls on top.

19. Place a purple 1x1 round flower plate on the leftmost stud of the front row. Then place another 1 to the right so there is a 1 column gap. Now place another 1 on the 3rd row from the front on the 2nd stud from the left. Then place another 1 to the right so there is a 1 column gap!

Group 7 - Habitat

20. Place a light purple 1x1 stem with 3 leaves on top of each of the round flower plates from the previous step. Now place a mint blue 1x1 plate with 3 leaves on the rightmost stud of the front row so the leaves face the front right.

21. Attach a black candle stick with a bar on the right-facing clip so the bar hole faces up. Then place a curved bar with a stud on top so it overhangs to the right. Attach a black candle stick with a bar on the front-facing clip so the bar hole faces up. Then place a curved bar with a stud on top so it overhangs to the front.

22. Place a purple plant with 5 stems on top of each of the studs from the stud of the curved bars. Now place 3 mint blue 1x1 round flower plates upside down on the upper stems of each of them. Now put your build away while we make an alien!

Building Instructions (Bags 3-4, Book 1):

Group 8 - Alien

1. Horizontally place a lime green 1x2 rounded plate in front of you. Then place 2 light green 1x1 plates with a tooth, 1 to the right of the other, underneath it so the teeth face the front.

2. Horizontally place a green 1x2 plate with 2 side studs above the plate on top so the side studs face the front.

3. Place a tan 1x1 brick with 2 side studs on the left stud so the side studs face the left and back. Then repeat symmetrically to the right.

4. Horizontally place a tan 1x2 plate with 2 side studs hanging down on top so the side studs face the front.

5.1. Horizontally place a green 1x2 jumper plate upright on the lower front-facing row.

Group 9 - Alien

5.2. Horizontally place a lime green 1x2 jumper plate upright on the upper front-facing row. Now horizontally place a green 1x2 slope tile on top of the build so it slopes to the front.

6. Place a lime green 1x1 slope tile upright on the lower front-facing stud so it slopes down. Then place a lime green 1x1 round tile printed with a black and white eye upright above it.

7. Insert a magenta horn upright into each of the back-facing studs so they face upwards.

8. Place a light blue 1x1 plate with 3 leaves upright on the left-facing side stud so the leaves face the back. Then repeat symmetrically to the right. Now put your alien away while we make a habitat!

Group 10 - Habitat

1. Place a dark tan 10x10 octagon plate in front of you. Now vertically place an orange 2x4 plate on the back 4 rows so it is centered horizontally.

2. Place a dark tan 3x3 plate with a cutoff corner on the back 3 rows to the left of the 2x4 plate so the cutoff corner faces the back left. Now place a magenta 1x1 round flower plate on the front left corner of the 3x3 plate with a cutoff corner.

3. Place a teal 1x1 round plate on the back row to the right of the 2x4 plate. Then place another 1 to the left of the front row of the 2x4 plate. Now horizontally place a light green 1x2 plate to the right of the front row of the 2x4 plate.

4. Horizontally place a light blue 2x6 plate in front of the 2x4 plate so it is centered horizontally.

5.1. Place a light blue 2x2 plate with a cutoff corner to the right of the 2x6 plate so the cutoff corner faces the front right. Then place another 1 behind it so the cutoff corner faces the back right.

5.2. Place a light blue 2x2 plate with a cutoff corner to the left of the 2x6 plate so the cutoff corner faces the back left. Then place another 1 in front so the cutoff corner faces the front left.

6. Vertically place a dark tan 1x2x2 slope brick to the right of the 1x1 round flower plate so it slopes to the front and there is no overhang.

7. Place a dark tan 2x2 brick on the back 2 rows to the right of the 1x2x2 slope brick. Then place a dark tan 2x2 corner brick in front so it looks like the braille letter f. Now place a teal 1x1 round plate in the missing corner of the 2x2 corner brick.

Group 11 - Habitat

8. Place a brown 2x2 inverted slope brick on the back row on top of the 2x2 brick so it slopes and overhangs to the back. Now place a dark tan 2x2 slope brick in front so it slopes to the front. Then place a light green 1x1 round plate in front of the left column of the 2x2 slope brick.

9. Horizontally place a dark tan 1x2x2 slope brick on the back row to the right of the 2x2 inverted slope brick so it slopes to the right. Then place a light green 1x1 round plate in front of the left column of it.

10. Place the right column of a brown 2x2 corner plate on top of the 1x2x2 slope brick from the previous step so it looks like the braille letter f. Then place another 1 to the left so it looks like the braille letter j.

Group 12 - Habitat

11. Place a magenta 1x1 round flower plate on the left stud of the back row. Then place a light pink 1x1 plate with 3 leaves to the right so the leaves face the back right.

12. Place a red brown 2x2 plate in front of the plates from the previous step. Then place a dark grey 1x1 plate with a clip to the right of the back row of the 2x2 plate so the clip faces the right. Now place a light pink 1x1 plate with 3 leaves to the left of the front row of the 2x2 plate so the leaves face the left.

13. Vertically place a dark tan 1x2 slope brick on the left column of the 2x2 plate from the previous step so it slopes to the front. Then place a dark tan 2x2 corner slope brick to the right so it slopes to the front right.

14. Horizontally place a red brown 1x2 plate on top of the bricks from the previous step.

Group 13 - Habitat

15. Vertically place an orange 2x4 plate on the front 4 rows so it is centered horizontally. Then place a teal 1x1 round plate to the right of the back row of the 2x4 plate. Then place another 1 to the left of the front row of the 2x4 plate. Now horizontally place a light green 1x2 plate to the left of the back row of the 2x4 plate.

16. Place a dark tan 3x3 plate with a cutoff corner on the front 3 rows to the right of the 2x4 plate so the cutoff corner faces the front right. Then place a light purple 1x1 round flower plate on the back right corner of the 3x3 plate with a cutoff corner.

17. Rotate your build 90 degrees counterclockwise so the 3x3 plate with a cutoff corner in the front right corner is now in the back right corner. Then horizontally place a dark tan 1x2x2 slope brick on the 2nd and 3rd columns from the right in front of the 1x1 round flower plate so it slopes to the left.

18. Place a dark tan 2x2 brick on the 2 rightmost columns in front of the 1x2x2 slope brick. Then place a dark tan 2x2 corner brick to the left so it looks like the braille letter d. Then place a teal 1x1 round plate in the missing corner of the 2x2 corner brick.

Group 14 - Habitat

19. Vertically place a brown 2x2 inverted slope brick on the rightmost column on top of the 2x2 brick so it slopes and overhangs to the right. Now place a dark tan 2x2 slope brick to the left so it slopes to the left. Then place a light green 1x1 round plate to the left of the back row of the 2x2 slope brick.

20. Vertically place a dark tan 1x2x2 slope brick on the rightmost column in front of the 2x2 inverted slope brick so it slopes to the front. Then place a light green 1x1 round flower plate to the left of the back row of it.

21. Place the front row of a brown 2x2 corner plate on top of the 1x2x2 slope brick that is on the rightmost column so it looks like the braille letter d. Then place another 1 behind it so it looks like the braille letter h.

22. Place a light purple 1x1 round flower plate on the back stud of the rightmost column. Then place a magenta 1x1 plate with 3 leaves in front so the leaves face the front right.

23. Place a red brown 2x2 plate to the left of the plates from the previous step. Then place a dark grey 1x1 plate with a clip in front of the right column of the 2x2 plate so the clip faces the front. Now place a magenta 1x1 plate with 3 leaves behind the left column of the 2x2 plate so the leaves face the back.

24. Horizontally place a dark tan 1x2 slope brick on the back row of the 2x2 plate so it slopes to the left. Now place a dark tan 2x2 corner slope brick in front so it slopes to the front left.

25. Vertically place a red brown 1x2 plate on top of the 1x2 brick and 2x2 corner slope brick from the previous step.

26. Attach a curved bar with a stud to the front-facing clip that is on the right side so it overhangs to the front right. Then attach another 1 to the back-facing clip in the back left so it overhangs to the left.

27.1. Let's make a part! Horizontally place a large light purple leaf plate in front of you so the branch with 5 studs faces the right. Insert a light purple stem with 3 leaves into the middle stud. Place 3 magenta 1x1 plates with 3 leaves on top, 1 in each of the corners so the leaves face outwards. to the corners. Now place a light purple 1x1 round flower plate on top of each of the plates with 3 leaves.

27.2. Place your part on top of the right curved bar with a stud so the branch with 5 studs faces the back! Now press down on the stem with 3 leaves so it connects to the stud of the curved bar!

Group 15 - Habitat

28.1. Let's make a part! Horizontally place a large light purple leaf plate in front of you so the branch with 5 studs faces the right. Insert a light purple stem with 3 leaves into the middle stud. Place 3 light pink 1x1 plates with 3 leaves on top, 1 in each of the corners so the leaves face outwards. to the corners. Now place a magenta 1x1 round flower plate on top of each of the plates with 3 leaves.

28.2. Place your part on top of the left curved bar with a stud so the branch with 5 studs faces the front! Now press down on the stem with 3 leaves so it connects to the stud of the curved bar!

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!

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At the end of the instruction booklets are advertisements for the following 1 LEGO Space Theme kits:

40715 Alien Pack