

# FIRST® LEGO® League Discover UNEARTHED™ Building Instructions

## Main Build: Hidden Treasure

This build is 19 pieces, and 19 building steps.

Welcome to FLL 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: going from front to behind.
- Horizontally: going from left to right.
- Upright: pointing up towards the ceiling.
- That one/ppp: previously placed piece.
- Plate: piece with studs.
- Tile: smooth piece without studs (unless otherwise specified)
- 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 the piece
- Centered-horizontally: even amount of space left and right of the 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).
- Standing upright: the piece is perpendicular to the ground, like a wall.
- Laying flat: the piece is parallel to the ground, like a piece of toast which fell off the table.
- Anti-stud: the portion of a piece which accepts studs, like the bottom of a plate.
- Jumper plate: a 1x2 plate with a single stud on top, or a 1x3 plate with only two studs on top.

For builders with low vision, or a sighted building partner who may want to follow along with the printed visual instructions that come with each set.

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

## Sorting Instructions:

This LEGO set comes in the bag labeled 0. Sort the pieces into groups as described below. Look to FLL Discover Cards 1-4 and the final, unlabeled card for sorting. If you are following along, you can find pictures in the FLL Discover Division instructions. Additional parts and minifigures come in the bag labeled 1. These are not used in this build and don't need to be sorted.

Main Build (5 group of bricks)

Card 1.

Group 1 contains the pieces for steps 1-5:

- A gray 8x8 plate
- Two brown 2x4 bricks
- A light brown 2x2 brick
- A tan 2x2 tall brick

Group 2 contains the pieces for steps 6-8:

- A tan 2x2 brick
- A light gray 2x2 slope brick
- A white bone

Card 2.

Group 3 contains the pieces for steps 9-10:

- A light brown 2x2 brick
- A brown 2x4 brick

Group 4 contains the pieces for steps 11-12:

- A light gray 2x2 brick
- A brown 2x4 brick

Card 3.

Group 5 contains the pieces for steps 13-16:

- Four green 2x4 bricks

Card 4.

Group 6 contains the pieces for steps 17-19:

- A light green 2x4 plate
- A light green 4x4 plate
- A red flower

Final Card.

Sub-Build: Teeter Totter (1 group of bricks)

Group 7 contains the pieces to build the teeter totter:

- A light green 4x4 plate
- A dark blue teeter totter base
- A red teeter totter arm

Group 8 contains all of the other pieces

Building Instructions:

Main build:

Card 1:

Group 1.

1. Put a big, gray square plate in front of you. This is the biggest piece you have, each side is eight studs long. We're going to put lots of stuff on this! This is like a big rock that the dirt and grass are sitting on.

2. Put a brown 2x4 brick, vertically and centered vertically, on the left two columns of the big plate. This and all the other brown pieces are like dirt in the ground!
3. Put another brown 2x4 brick, vertically and centered vertically, on the right two columns of the big plate. Nice job!
4. Starting on the right, count until you find the third and fourth columns on the big plate. Put a light brown 2x2 brick on the front two rows of these columns. Great work!
5. Place a tan 2x2 tall brick to the left of the piece you just placed.

Group 2.

6. Starting on the left, count until you find the third and fourth columns on the big plate. Put a tan 2x2 brick on the back two rows of these columns. Looking good!
7. Place a light gray 2x2 slope brick, with the slopey part at the back, to the right of the previous piece. This piece looks kind of like a slide, and we want the slide part at the back.
8. Now there's a square hole in the middle of all the pieces we've placed! Let's put a white bone, with the curved sides of the bones on the left and right in the middle of the square hole! Nice!

Card 2.

Group 3.

9. Now we will make the sides taller and hide the bone! Find the 2x4 brick on the right side of the big plate. Put a light brown 2x2 brick on the back two rows of this 2x4 brick.
10. Skip one row in front of the 2x2 brick we just placed. Place a brown 2x4 brick, horizontally, here, so the right side is even with the right side of the big plate. The front right studs of this piece will not connect to anything, but that's OK! You're doing great!

Group 4.

11. Now we'll do the same kind of thing on the left side. Find the 2x4 brick on the left side of the big plate. Put a light gray 2x2 brick on the gray two rows of this 2x4 brick. Sweet!
12. Skip one row behind the 2x2 brick we just placed. Place a brown 2x4 brick, horizontally, here, so the left side is even with the left side of the big plate. The back left studs of this piece will not connect to anything here either!

Card 3.

Group 5.

13. We've placed dirt and rocks, let's start putting grass on top! Find the 2x2 brick on the right two columns of the set. Put the back two rows of a green 2x4 brick, vertically, on this 2x2 brick. Nice!
14. Let's put one on the other side. Find the 2x2 brick on the left two columns of the set. Put the front two rows of a green 2x4 brick, vertically, on this 2x2 brick.
15. Now, put the back row of a green 2x4 brick, horizontally, between the last two 2x4 bricks. These three 2x4 bricks should make a big U shape, or a smile!
16. We're going to put one more 2x4 brick. Put its front row, horizontally, between the first two green 2x4 bricks. These are the two arms of the U! Now the U should look like a wide letter O.

Card 4.  
Group 6.

17. Now we'll close up the hole on top. We don't want anyone to fall in! Put a light green 2x4 plate, vertically and centered vertically, on the second and third columns from the right of the set. This should cover the right side of the hole.

18. Put a light green 4x4 plate to the left of the last piece.

19. To finish, we'll put a flower in the grass! Put a red flower, centered horizontally and vertically, on the previous piece. The bottom part of this piece can go between the studs on the previous piece. Great job! Now this set is finished!

Final Card.  
Sub-Build: Teeter-Totter

Group 7.

1. Now we need to build a teeter-totter! We'll build some grass for it to sit on first. Put a light green 4x4 plate in front of you.

2. Next we need to put the base of the teeter-totter on the grass. The base is dark blue and looks like a 2x2 plate that has two sides that stick up so it looks like a smile when you look at it from the front. Turn it so the sides stick up on the front and back and put it, centered vertically and horizontally, on the previous piece. Great job!

3. To finish, we need to put the arms on the teeter totter. This piece is red and looks like two 2x2 plates connected by a really long bar! There is a little bar in the middle that we'll use to attach it to the base. Put the little bar in between the upright sides of the base, with the 2x2 plates on the left and right. It should go straight down and click! When it clicks, it should be free to lean left and right. Great work putting this together!

Group 7.

There are two minifigures. The first minifigure is a little boy. He's wearing light blue pants, a yellow shirt, and a green baseball hat.

The second minifigure is a little girl. She has black, frizzy hair. She's wearing light blue pants, a light blue shirt, and a green jacket.

Now, let's put everything in front of you, with the main set in the middle. You can put the teeter totter to the right. There are a couple of flags you can play capture the flag with. There's a puppy, I bet he'd like to dig and find that hidden bone! If you want to help him find it, you can dig with a shovel, or haul dirt away with the wheelbarrow! You can ride the scooter, or visit the chicken. When it's time to go, you can use the broom to clean up before you leave.

Congratulations! Now this build is complete!

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