

FIRST® LEGO® League Challenge UNEARTHED™ Building Instructions

Build 13: Tokens

This build is 30 pieces, and 3 building steps.

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: 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.
- Lying 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.

Sorting Instructions:

This LEGO set comes in the bag labeled 22. Sort the pieces into groups as described below.

Group A contains four grey 2x4 plates and four grey 2x2 plates with rounded side and a hole.

Group B contains four white "unearthed" printed 4x4 car hoods with two studs on the top.

Group C contains twelve white "unearthed" printed 2x2 plates and six 4x4 red round bricks. Group C pieces will be used in the challenge but are not assembled now.

Building Instructions:

1. From group A, horizontally place a grey 2x4 plate in front of you. Then vertically place a grey 2x2 plate with rounded side on the middle 2 columns of the ppp, so the rounded side overhangs to the back.
2. From group B, place a white 4x4 car hood with 2 studs on the back on the ppp, with the slope to the front and the two studs at the back. These pieces are often used as car hoods. The round side with hole of the 2x2 plate will be exposed at the back.
3. Repeat steps 1 and 2 three times to produce 4 tokens.

All the tokens are made, you are done!

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