

40524 Sunflowers

Adapted by John Le and tested by Jolene Nemeth.

Sunflowers bring instant cheer and optimism to their surroundings. And now you can build your own model version of this much-loved flower with the vibrant LEGO® Sunflowers (40524) building kit. Create an eye-catching sunflower display or make a mixed bouquet by adding the LEGO Roses (40460), LEGO Tulips (40461) or LEGO Flower Bouquet (10280) sets (each set sold separately). It also makes a great Mother's Day gift or anytime treat for a friend or loved one.

Build a sunflower display – Create a display piece for any room with the colorful LEGO® Sunflowers (40524) building kit. Includes 2 sunflower blooms with adjustable green stems and leaves.

Combine with other sets – LEGO® Sunflowers can be displayed on its own or combined with the LEGO Roses (40460), LEGO Tulips (40461), or LEGO Flower Bouquet (10280) sets, each sold separately.

Dimensions – There are 191 pieces in the set, and the model sunflowers measure over 9.5 in. (25 cm) tall.

The front of the box shows the sunflowers side by side! They have green stems with leaves and a brown middle part surrounded by orange petals!

The back of the box shows the sunflowers lying on their sides!

The top of the box shows a real size image of 1 of the petals! It is an oar tip that is used for rowing!

The build is 191 pieces in total and is for ages 8+.

Bag 1 includes the pieces to make the sunflowers!

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/40524>) 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 1 bag labeled 1, 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 - Sunflowers

Group 1 - Steps 1-7.

Group 2 - Steps 8-14.

Let's get to building!

Building Instructions (Bag 1, Book 1):

Group 1 - Sunflowers

1. Place a dark green 2x2 round plate with a steering wheel around it in front of you.

2. Let's make a part! Hold a yellow paddle tip so the flat side faces up and down, then insert it into the bar of an orange claw so the claw hands face up and down. Now repeat 23 more times so you have 24 parts in total. Now attach 1 claw to the front of the steering wheel so the paddle is flat and faces the front. Make sure it is angled upwards! Now repeat 23 more times all around the steering wheel!

3. Place a brown 2x2 round brick on the 2x2 round plate of the steering wheel! Then place a dark green 2x2 round plate on top. Now place a dark tan 2x2 plate with 8 bars around it on top.

4.1. Let's make a part! Place an orange 1x1 plate with a clip in front of you so the clip faces the front. Then place a light orange 1x1 plate with 3 leaves on top so the leaves face the back. Now repeat 3 more times so you have 4 parts in total.

4.2. Attach the clip of 1 part to the front left bar of the 8 bars around the previous plate so the leaves face the front left. Then repeat symmetrically to the right. Now repeat both parts symmetrically to the back.

5.1. Let's make a part! Horizontally place a yellow 1x2 plate with a clip on the long side in front of you so the clip faces the front. Then place 2 light orange 1x1 plates with 3 leaves next to each other on top so the leaves face the back left and back right. Repeat 3 more times so you have 4 parts in total!

5.2. Horizontally attach the clip of 1 part to the front middle bar of the 8 bars around the previous plate so the leaves face the front. Then repeat symmetrically to the left side, right side, and back!

6. Stack 2 dark green 2x2 round plates together then place it on top of the 2x2 studs.

7. Place a dark brown 4x4 round plate on top of the previous 2x2 round plates so it is centered. Now repeat steps 1-7 again so you have 2 sunflowers in total!

Group 2 - Sunflowers

8.1. Let's make a part! Horizontally place a dark green 3L axle connector in front of you. Then insert a red 2L axle into the right-facing hole.

8.2. Insert a dark green 3L angled axle connector with a hole into the right-facing axle so it points to the bottom right. Now insert a black L-shaped axle with a hole into the right-facing axle connector so the other axle faces up.

8.3. Now insert the top-facing axle into the bottom center of 1 of your sunflowers so the axle connector faces the front. Now place this on the right side next to your other sunflower so we will know the difference between the 2.

9.1. Let's make a part! Horizontally place a dark green 3L axle connector in front of you. Then insert a red 2L axle into the right-facing hole.

9.2. Insert another dark green 3L axle connector into the right-facing axle. Then insert a black L-shaped axle with a hole into the right-facing axle connector so the other axle faces up.

9.3. Now insert the top-facing axle into the bottom center of your left sunflower so the axle connector faces the front.

10.1. Let's make a part! Horizontally place a dark green 3L axle connector in front of you. Then insert a light grey 3L axle into the right-facing hole.

10.2. Slide a black hole with 4 clips on it into the right-facing axle so it touches the axle connector. Now repeat again so you have 2 parts in total.

10.3. Insert the axle of each part into each of the front-facing axle connectors of your previous parts that you connected to the sunflowers!

11.1. Let's make a part! Horizontally place a dark green 3L axle connector in front of you. Then insert a light grey 3L axle into the right-facing hole.

11.2. Slide a black hole with 4 clips on it into the right-facing axle so it touches the axle connector.

11.3. Insert the axle from front to back into the front-facing hole of the 3L axle connector of your left sunflower.

12. Let's make a part! Horizontally place a dark green 3L axle connector in front of you. Then insert a red 2L axle into the right-facing hole. Now insert the axle from front to back into the front-facing axle hole of the 3L axle connector of your right sunflower.

13.1. Let's make a part! Horizontally place a dark green 3L axle connector in front of you. Then insert a red 2L axle into the right-facing hole.

13.2. Attach another dark green 3L axle connector onto the right-facing axle. Then insert a red 2L axle into the right-facing hole.

13.3. Attach another dark green 3L axle connector onto the right-facing axle. Then insert a red 2L axle into the right-facing hole.

13.4. Attach another dark green 3L axle connector onto the right-facing axle. Then insert a red 2L axle into the right-facing hole. Now repeat again so you have 2 of these parts in total.

13.5. Insert the axle of each of your parts into the front-facing axle connectors of each of your sunflowers.

14. Make sure the sunflowers are still vertical and the 4x4 round plate is in the back and faces upwards! Now horizontally attach the bar of a green angled sloped windshield tile to the right-facing clip and left-facing clip of your right sunflower so the sloped sides face the front. Now repeat again for the left sunflower but make sure to do it twice since there are 2 left-facing and 2 right-facing clips!

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