

## **40747 Daffodils**

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This LEGO® Daffodils (40747) building set for ages 8 and up is a relaxing, repetition experience that delights in the detail.

Four stemmed daffodils- a beautifully built, beautiful bouquet with LEGO Daffodils building set for ages 8 and up.

What's in this toy building set? - Everything a friend needs to create a beautiful bouquet of daffodils!

Dimensions - this 216-piece daffodil bouquet, each daffodil stem measures over 30 cm (11 in.) tall.

The front of the box shows four stemmed daffodils to form a bushel. Each daffodil has two leaves, six flower petals, and a single corona (the center cup).

The back of the box shows each daffodil separately laid out.

The top of the box shows a petal to scale for safety. No one under three years of age close by please!

The build is 216 pieces in total and is for ages 8+.

There are three bags included. These bags are unnumbered. One bag is filled with small pieces to make the joints for the daffodils. Another bag has long pieces for the leaves, and the third has pieces to make the stems, petals, and centers of the daffodils.

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/40747>) 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 3 bags, 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 1-3 - Daffodils

Group 1 - Page 4 and Page 8

Group 2 - Page 5

Group 3 - Pages 6-7

Group 4 - Page 9

Group 5 - Pages 10-11

Group 6 - Pages 12-13 and Page 15.

Group 7 - Page 14

Group 8 - Pages 16-17.

Let's get to building!

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

Group 1 - 2 Yellow Daffodil Starting Points

1. Find 2 brown 4L bars and 2 yellow half-bushings. Horizontally, put one 4L bar in front of you and push the bushing onto the bar's left end. Repeat 1 more time to have two 4L bars with a bushing on their left ends.

2. Find 2 yellow axle connectors with perpendicular axle-holes. This piece looks like a cannon, the cannon's base has an axle-hole through it, which is perpendicular to the cannon's muzzle which is another axle-hole.) Orient the axle connector so the cannon's muzzle faces the bottom and slide it onto the 4L bar from the right until it touches the 1/2 bushing. There will be leftover pieces for a later step!

#### Group 2 - 2 Yellow Daffodil Centers

3. Make a part: (These are the mounts for the leaves at the center of the daffodil) Locate 6 gold bar 3L and 2 holder rings w/3 bars & 3 bar holes. These look like 1x1 round plates with hollow studs, around which are a ring of 3 bar holes and 3 horizontal bars that you can clip things to. The bar holes face outwards. Take one of these holders and put it flat with center stud towards the ceiling, and insert a 3L bar into each of the bar holes at the corners leaving the center stud empty. Repeat this step so that you now have 2 holders with 3 gold 3L bars in each holder. Take your 4L bar with bushing and keep it in its original orientation, (horizontally with the bushing at the left, perpendicular axle connector to the bottom) and turn one of your bar holders upright. Insert the middle hollow stud of one of the bar holders onto the 4L bar from the right, and slide it left, until it touches the axle connector. Slide on the other bar holder on, in the same way.

4. Find 6 gold 3l bars and 2 holders. Repeat the previous step to create two more bar holders with 3L bars sticking out of them. Slide them onto the other 4L bar (which will be in the same orientation as the one you just used), so that each 4L bar has 2 bar holders on it. Rotate the holders on each of the 4L bars 30 degrees in either direction to flare out the 3L bars.

#### Group 3 - 2 Yellow Daffodil Petals

5. Find 2 yellow 3x3 dishes. Holding the flowers so the clusters are upright, insert the dish so that the smooth part is at the left, and the wide part is at the right. Repeat with the second flower.

6. Locate 2 orange 2x2x2 cones. Insert the narrow end of the cone from the right onto the bar, the wide end of the cone points to the right.

7. Locate 12 yellow oval shields. Smooth side to the right place 1 oval shield upright, onto a 3l bar that's sticking out of the bar holder with the pointy part of the oval shields pointing outward, and the rounded part pointing towards the center, the shields will overhang the 3l bars. Repeat for the other 5 3L bars of the flower. Now attach your remaining 6 oval shields onto the other flower the same way.

8. Rotate the flower 90 degrees clockwise, so the wide end of the cone faces you. Take a look at your first flower! Now rotate your other flower 90 degrees clockwise so the wide end of the 2x2x2 cone faces you for twice the flower power!

#### Group 1 - Part 2 - 2 White Daffodil Starting Points

This section is a repetition of steps 1 - 2.

9. Find 2 brown 4L bars and 2 yellow half-bushings. Horizontally, put one 4L bar in front of you and push the bushing onto the bar's left end. Repeat 1 more time to have 2 4L bars with a bushing on their left ends.

10. Find 2 yellow axle connectors with perpendicular axle-holes. This piece looks like a cannon, the cannon's base has an axle-hole through it, which is perpendicular to the cannon's muzzle which is another axle-hole.) Orient the axle connector so the cannon's muzzle faces the bottom and slide it onto the 4L bar from the right until it touches the 1/2 bushing.

#### Group 4 - 2 White Daffodil Centers

11. Make a part: (These are the mounts for the leaves at the center of the daffodil) Locate 6 gold bar 3L and 2 holder rings w/3 bars & 3 bar holes. These look like 1x1 round plates with hollow studs, around which are a ring of 3 bar holes and 3 horizontal bars that you can clip things to. The bar holes face outwards. Take one of these holders and put it flat with center stud towards the ceiling, and insert a 3L bar into each of the bar holes at the corners leaving the center stud empty. Repeat this step so that you now have 2 holders with 3 gold 3L bars in each holder. Take your 4L bar with bushing and keep it in its original orientation, (horizontally with the bushing at the left, perpendicular axle connector to the bottom) and turn one of your bar holders upright. Insert the middle hollow stud of one of the bar holders onto the 4L bar from the right, and slide it left, until it touches the axle connector. Slide on the other bar holder on, in the same way.

12. Find 6 gold 3L bars and 2 holders. Repeat the previous step to create two more bar holders with 3L bars sticking out of them. Slide them onto the other 4L bar (which will be in the same orientation as the one you just used), so that each 4L bar has 2 bar holders on it. Rotate the holders on each of the 4L bars 30 degrees in either direction to flare out the 3L bars.

#### Group 5 - 2 White Daffodil Petals

This section is a repetition of steps 5 - 8.

13. Find 2 yellow 3x3 dishes. Holding the flowers so the clusters are upright, insert the dish so that the smooth part is at the left, and the wide part is at the right. Repeat with the second flower.

14. Locate 2 orange 2x2x2 cones. Insert the narrow end of the cone from the right onto the bar, the wide end of the cone points to the right.

15. Locate 12 white oval shields. Smooth side to the right place 1 oval shield upright, onto a 3L bar that's sticking out of the bar holder with the pointy part of the oval shields pointing outward, and the rounded part pointing towards the center, the shields will overhang the 3L bars. Repeat for the other 5 3L bars of the flower. Now attach your remaining 6 oval shields onto the other flower the same way.

16. Rotate the flower 90 degrees clockwise, so the wide end of the cone faces you. Now rotate your other flower 90 degrees clockwise so the wide end of the 2x2x2 cone faces you. Now you have 4 flowers total!

#### Group 6 - Stems

17. Find 4 black 2L notched axles and 4 green axle connectors. Insert 1 axle into 1 end of an axle connector. Repeat 3 more times. One for each flower.

18. Locate 24 black 2L notched axles and 28 green axle connectors. Take 6 axles and 7 axle connectors, and insert 1 axle into 1 end of an axle connector. The axles and axle connectors should be

horizontal. Horizontally, add 1 more axle connector to the axle. Repeat, adding on, the remaining 5 axles and 5 axle connectors until 1 stem is completed. Repeat 3 more times to create a total of 4 stems.

19. Locate 4 3L axles. Insert one into one end of a stem piece. Repeat 3 more times with the other stems. There will be leftover pieces for a later step!

#### Group 7 - Leaf Joints

20. Find 4 grey axle & pin connector hubs, (these look like two axles connected to a perpendicular pinhole. 8 light green 1x2 hinge cylinders, and 4 green axle connectors. Make a part: Vertically put an axle and pin connector hub in front of you so the pinhole is at the left and right. Put a hinge cylinder on each of the axles so that the square part of the hinge is parallel to the table. Do this 3 more times with the remaining 3 axle & pin connectors and 6 hinge cylinders. You should have 4 parts total. Locate a stem, and insert the part you just made onto the 3L axle on the stem, followed by an axle connector to lock in the hinge and axle & pin hub. Repeat 3 more times with the remaining hinge parts, on the 3 other stems-- put the hinge parts on the 3L axles, and lock them in place using the axle connector.

#### Group 6 - Part 2 - Stems Part 2

21. Locate 28 black 2L notched axles and 24 green axle connectors. Combine these parts of the stem horizontally--Isolating 6 axles and 5 axle connectors insert 1 axle into one end of an axle connector , and insert that into the stem. Horizontally, add 1 more axle connector to the axle. Repeat, adding on, for the remaining 5 axles and 4 axle connectors until 1 full stem is completed. Repeat 3 more times for a total of 4 stems. The right ends of the stems should end with an axle connector. Rotate all your stems so that they are vertical, with the square hinges horizontally at the left and right.

#### Group 8 - Leaves

22. Locate 8 green leaf pieces, these are smooth pieces that are long tapered rectangles with a single row of 6 studs on top and a square hinge clip on one end. Attach the leaf piece horizontally studs down, onto one of the square hinges, then rotate it upward, so the studs face outward. Repeat with the second leaf piece, symmetrically. Flatten leaves down. Repeat 3 more times with remaining 6 leaf pieces and stems.

23. Locate the daffodil flowers, hold them so that the wide end of the cone faces you, and the muzzle end of the axle connector with perpendicular axle faces down., insert it into the axle end of the stem. The flower will be above the leaves you just placed. Repeat 3 more times for the remaining 3 stems.

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