

10370 Poinsettia

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Poinsettia - Euphorbia pulcherrima

As the year draws to an end and fall turns to winter, few plants can light up our days and living spaces like the radiant poinsettia. Known in its native Mexico as the Nochebuena, it has long been a welcome guest in homes around the world and a popular gift to share with loved ones for the holiday season. In the wild, it can grow to more than 3.5 meters/12 feet tall, and it is one of the best-selling potted plants in the world. With over a hundred variants, from cream to pink, purple and orange, the most characteristic version is still the bright red.

Create an elegant, zero-maintenance floral display with this LEGO® Icons Poinsettia (10370) plant decor building set. Indulge in a mindful building project or treat a loved one to this timeless floral display – a perfect gift idea for any occasion.

This posable LEGO plant replica depicts a 'Grande Italia' poinsettia nestled in a woven basket flowerpot and features green leaves and 5 clusters of vibrant red leaves (bracts) with yellow cyathia at the center. Easy to assemble, it delivers a rewarding building experience and makes an elegant display for the home and office.

Creative building for plant-lovers – This set includes all you need to craft a detailed LEGO® interpretation of a 'Grande Italia' poinsettia plant nestled in a woven-basket flowerpot.

Part of the LEGO® Botanical Collection – Discover a space for relaxation with the wide range of LEGO construction sets designed specifically for adults.

Dimensions –The poinsettia plant, including the flowerpot, in this 608-piece building set measures over 8 in. (21 cm) high, 8.5 in. (22 cm) wide and 6.5 in. (17 cm) deep.

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 who may want to follow along with the printed visual instructions that come with each set, PDF versions are always online at [<https://www.lego.com/en-us/service/buildinginstructions/10370>]. 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.

There is an assortment of Technic parts also located in this set. A note on LEGO Technic™ part names. These parts are somewhat different from regular LEGO bricks. Here are some definitions in case the builder or helper is not familiar with LEGO Technic™.

Axles - An axle is a connector which has an X shaped cross-section. Because their cross section is not round, anything connected to an axle using an axle-hole will rotate with that axle. Axles are longer than they are wide, and the length of an axle corresponds with how many bricks long it is. Aka a 3L axle is three bricks long. Axles come in a variety of lengths, with a 2L axle being the shortest available. They may be combined with pins, or have circular stops on them. A stop prevents the axle from sliding through an axle-hole at a specific point on the axle.

Pins - A pin is a connector which has a circular cross section and a flanged notch out of one or both ends. This flanged notch allows them to click into bricks with a pin-hole. Pins come with and without friction ridges, which are small bumps on the pin which prevent them from rotating freely. For standard pins, black is a high friction pin, and grey is a low friction pin. A standard-length pin is two brick lengths long, with a stop in the middle. This prevents a brick from being pushed from one side of the pin to the other. A 1L pin is one brick long and still retains the stop, however it also includes a hollow stud at the other end. A 3L pin is three bricks long, and only contains a stop at one side, allowing two bricks to be pushed onto the other side of the pin. Pins may also have one side which is an axle.

Axle and Pin Connectors - These elements are typically smaller than lift-arms and are used to connect some combination of pins or axles. They might have pins or axles, as well as axle or pin-holes. They have a lot of different angle combinations! The simplest just connects two axles or pins together in a straight line. The angle axle and pin connectors are usually identified by a raised number, located on one end. These also have a pin hole running 90 degrees through the center of the part at the angle bend location with the axle hole on either end of the part. For these instructions the angle will also be followed by the number located on connector part.

The Box –

The poinsettia comes in a black box with a dark red band around the bottom 1 inch of the box. This dark red band is patterned with various Lego elements in dark red.

On the front of the box is the “hero picture” of the poinsettia set once completed. It features the finished poinsettia in its woven basket with a slight golden glow behind the blossoms. Toward the upper left corner is a small graphic with the word Poinsettia and the text “botanical collection” below.

Holding the box upright facing you the left-side panel has a close-up of a section of the botanical poinsettia. On the right-side panel is our standard disclaimer as well as the translations of the poinsettia botanical collection in French and Spanish.

The top features a small LEGO logo, and proceeding to the right, a close-up of one of the blossoms of the poinsettia, then a little inset picture of a petal the poinsettia at 1:1 ratio size of the parts.

The back of the box features a larger picture on the left of the poinsettia set sitting on the windowsill with a soft focused. An inset picture to the right, shows an above view of the poinsettia set as a centerpiece on the table. Above the last photo is a small graphic blueprint of the dimensions of the final finished poinsettia standing at 8 inches high by 8 ½ inches wide.

A brief message by the set designer is included in the instruction manual.

A Winter Evergreen.

"This Lego version of the poinsettia is built to capture the warmth and joy of the holiday season in an evergreen plant, inspired by the "Grande Italia" variety – and guaranteed wilt-free. Imitating the anatomy of the real-life plant, the red bracts and green leaves are connected to a center stem, and you can bend and pose them to style your plant for a lush and voluminous display. The 'woven' basket-pattern pot completes a classic look for this decorative plant. A few Lego elements have also found new usages in the set, like the red ninja stars in the small bracts, and the yellow hair elements that make up the cyathia blooms. Enjoy building!"

– Anne Healy, LEGO Model Designer.

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.

Bag 1 (5 groups of bricks)

Group 1 contains pieces for steps 1 through 3.

Group 2 contains pieces for steps 4 through 7.

Group 3 contains pieces for steps 8 through 12.

Group 4 contains pieces for steps 13 through 16.

Group 5 contains pieces for steps 17 through 22.

Bag 2 (4 groups of bricks)

Group 6 contains pieces for steps 23.1 through 23.6.

Group 7 contains pieces for steps 24 through 27.

Group 8 contains pieces for steps 28.1 through 29.

Group 9 contains technic pieces for step 30.

Bag 3 (4 groups of bricks)

Group 10 contains technic pieces for steps 31.1 and 32.

Group 11 contains pieces for step 33.

Group 12 contains technic pieces for steps 34 through 40.

Group 13 contains pieces for steps 41 through 45.

Bags 4 and 5 contain the same bricks.

The Official LEGO instructions only contain steps 48 through 60, with the "times 2" in step 48 - meaning we are to build two of these assemblies with these instructions, opening both bags at the same time.

We will not follow this – instead we recommend building one assembly with the bricks in Bag 4 and then a second assembly with the bricks in Bag 5, returning to Step 48.

Bag 4 and 5 (4 groups of bricks)

Group 14 contains pieces for steps 48 through 53.

Group 15 contains pieces for steps 54 and 55.

Group 16 contains pieces for step 56.

Group 17 contains pieces for steps 57 through 61.

Bag 6 (4 groups of bricks)

Group 18 contains pieces for steps 62 through 67.

Group 19 contains pieces for steps 68 and 69.

Group 20 contains pieces for 70.

Group 21 contains pieces for steps 71 through 75.

Here we go! Let's get ready to build our woven basket flowerpot!

Group 1, Steps 1 through 3

1. Locate one dark grey 4x8 half circle plate and one 2x2 plate with 2 studs on one side. Orient the 4x8 half circle plate with the straight edge to the back and the half circle towards the front. Place the 2x2 with 2 studs in the front row of 2x2 centered horizontally in the half circle with the 2 studs facing you. This 2x2 plate should not overhang.
2. Locate 2 white 2x2 plate with 2 studs on one side. Place one on the right back row with 2 studs facing right. Place the other one 2x2 plate with 2 studs on one side on the left back row with the two studs facing left. These two plates should overhang by 1 stud over the back straight edge of the 4x8 half circle plate, with the 2 studs facing outward to the left and right.
3. Locate 1 dark grey 4x8 half circle plate. Rotate the straight edge to the front to align with the back of the other 4x8 half circle plate. Connect under the 2 white 2x2 plates with 2 studs that are overhanging the back row to the other 4x8 half circle plate. Locate 1 white 2x2 plate with 2 studs on one side and place it with the studs facing back centered at the back edge of the plate.

At the end of these three steps – you should have a complete 8x8 circle plate assembly with four 2x2 plates with 2 studs on one side, centered on the circle at 12, 3, 6, and 9 o'clock locations with each having the 2 studs all facing out.

Group 2, Steps 4 through 7

4. Locate 4 gold 1x2 half circle jumper plates, place them centered on the single stud located between the PPP each of the four 2x2 plates at 1:30, 4:30, 7:30, and 10:30. The half circle of the jumper should be oriented pointed to the center of the build with the flat edge at 45 degrees facing out.
5. Locate 4 dark grey 3x3 45-degree wall bricks and place them with the points inside and the 45-degree walls facing outward. Connecting one 2x2 plate right front stud to the back column of the right 2x2 plate. Working around the inside of the circle, place the remaining 3x3 wall bricks on the two inside studs of each 2x2 plate with 2 studs on one side. The end assembly will now have an inside group of 3 long 45-degree walls facing out and a 4x4 cross in the center of the group.
6. Locate 4 black 1x2 plates and place them on each of the 1x2 connection points of the 3x3 wall bricks at the 12, 3, 6 and 9 locations. Two connection points will be vertical, the other two will be horizontal.
7. Locate 4 light grey 1x2 bricks with two studs on one side. Place one brick with the 2 studs facing the middle of the build, centered into the open stud of each half circle gold jumper. Place each remaining light grey 1x2 bricks with two studs on one side on each half circle jumper. Once placed these bricks should stack perfectly on the gold jumper with the outward edges aligned and the 2 side studs face inwards and touch the 45-degree walls of the center group and are hidden in the middle of the build.

Group 3, Steps 8 through 12

8. Locate 4 light grey 1x2 bricks with 2 studs on one side. Place one brick on each of the 2x2 plates with 2 studs on one side facing out with all studs facing outward. The studs facing out should all vertically align.
9. Locate 4 white 2x2 plates with 2 studs on one side. Place one to plate on each of the last bricks placed in the previous step. The 2x2 plates with 2 studs on one side should all point outward, at the 12, 3, 6 and 9 locations. Each stack created will now have 2x3 vertical studs facing outward at 12, 3 6, and 9.
10. Locate 4 black 1x2-2x2 brackets with 1x2 plate at the top. Place one on each 1x2 brick stacks located at 1:30, 4:30, 7:30, and 10:30 with the two rows of 2 studs all facing outward.

11.1. Locate 4 white 1x2 jumper plates and 4 tan 1x2-2x2 brackets with 1x2 plate at the bottom. Build 4 duplicate sub-assemblies by placing the 1x2 jumper on the 1x2 plate of the bracket.

11.2. Place one sub-assembly from the step above on each of the black 1x2-2x2 brackets 1x2 plate at the top in step 10. These are located at 1:30, 4:30, 7:30, and 10:30 on the circle. The combination will create a 2x4 vertical studs facing outward at these locations.

12. Locate 2 dark grey 4x8 Half circle plates and place them straight edge to straight edge horizontally in the center of the of the build. The studs will align and can be pushed down to connect on all stacks of the build so far.

At this stage your assembly should have builds with 2 x 3 studs facing outward at 12, 3, 6, and 9 on the circle. There should be builds with 2x4 studs facing outwards at the 1:30, 4:30, 7:30, and 10:30 around the circle. At these 45-degree locations there should be the edge of the 2x4 vertical studs facing outward rising above the 2 dark grey 4x8 half circle plates.

Group 4, Steps 13 through 16

13.1. Locate the following set of pieces. 4 medium nougat 1x2 curved slope with 45-degree right cutout, and 4 medium nougat 1x2 curved slope with 45-degree left cutout (these pieces have cutouts and are trapezoid shape, with the wider part at the top) and 8 medium nougat 2x2 curved slope plates.

13.2. Building on the bottom row of 2 studs of each of the 2x4 vertical studs. Place 1 medium nougat 1x2 curved slope with 45-degree left cutout horizontally on the lowest left stud facing left. Place the other medium nougat 1x2 curved slope with 45-degree right cutout horizontally opposite on the lowest right stud facing right. Place one 2x2 curved slope on the left column of studs above the left 1x2 curved slope facing left, mirror this curved slope by placing the other 2x2 curved slope facing the opposite direction. Repeat this build on each 2x4 vertical stud assembly, using the lower rows of 2x3 studs.

The finished assembly will complete a smooth arch on the lower 3 rows of the 2x4 vertical studs respectively. The left and right cutouts will be on the lower left and right edges respectively.

14. Locate 4 gold 1x2 half circle jumper plates. Place them on the centered, with the half circle pointing to the center, on the single stud of the 8x8 assembly, located directly behind each 2x4 vertical stud group from the step above located at the 1:30, 4:30, 7:30, and 10:30 locations.

15. Locate 1 red 2x2 jumper and 1 white 1x1 round plate with post. Place the 2x2 jumper directly on the 2x2 center studs of the build assembly so far. Invert the 1x1 round plate with post, and with post down, inserted into the open stud of the 2x2 jumper.

16. Locate 2 dark grey 2x3 bricks. Place one brick vertically aligned directly behind the center 2x2 jumper. Place the other vertically on the 2x3 studs in front of the jumper towards you. The placement of these bricks should run 12 to 6 vertically in a column over center 2 columns of studs - 2x3 brick, 2x2 jumper, 2x3 brick. Locate 2 black 2x3 plates and place them aligned on directly on the 2x3 bricks.

Group 5, Steps 17 through 22

17. Locate 2 white 2x2 bricks. Place them 1 column of bricks away from the right and left edges of the 2x2 jumper in the middle. These bricks should not over hang the left and right edges, and should be directly above the 3 & 9 location 2x3 vertical studs facing outward on either side.

18. Locate 2 light grey 2x2 round plates. Place one 2x2 round plate centered on of each 2x2 white brick placed in the last step. Locate 1 light grey 2x4 technic plate with 3 holes. Place the 2x4 technic plate oriented 12 to 6 oriented vertically above the 2x2 jumper on the 2x3 bricks running vertically. This will connect to the front row of one 2x3 brick and the back row of the other 2x3 brick with the 2x2 jumper below.

19. Locate 4 dark grey 3x3 45-degree wall bricks and place them with the stair step inside and the 45-degree walls facing outward. Place one wall brick on the right stud above the 2x4 technic plate placed above. The end should be aligned with back left stud of a 2x2 round plate located to the right. Place the remaining 3x3 45-degree wall bricks with all the 3 long walls facing outward. The end assembly will have all 45-degree walls facing out and a 4x4 cross in the center of the group surrounding the center 2x4 technic plate running vertically.

20.1. Locate 1 dark blue 2x4 brick with 3 axle holes between the studs. Place the 2x4 oriented 12 to 6 in the center of the PPP 3x3 wall bricks.. This will stick up 1 plate height above the center of the 3x3 wall bricks. This will fill in the center of the build.

20.2. Locate 4 dark grey 1x2 log bricks. Place the 1x2 log bricks on the outside ends of each of the 2 studs of the 3x3 wall bricks placed in the center. The bricks will be 2 placed horizontally at the back middle, front middle and 2 brick placed vertically far left middle and far right middle. The 12, 3, 6, and 9 sides will all be in alignment vertically as you feel along the outside 12, 3, 6, and 9 locations.

21. Locate 4 white 2x2 plates with 2 studs on one side. Place one 2x2 plate with the 2 studs facing out on the 2x2 studs at the 12, 3, 6, and 9 locations. These should all not overhang the edges of assembly. Locate 2 dark brown 1x4 plates and place them on the column of vertical studs on either side aligned with the raised 2x4 brick running 12 to 6 vertically in the middle of the build, they will cover a few open holes left at those locations. There should be a roughly 1 plate recessed 6x6 cross area in the top of the assembly oriented at 12, 3, 6, and 9.

22. Locate 1 black 2x6 technic plate with holes, and place it vertically on the 2 columns of studs running 12 to 6. Locate 2 light grey 2x2 round plates and place them on either side of the center 2 stud column, on the remaining 2x2 locations at 3 & 6. At the end of this step all studs running in a cross, 2 columns and 2 rows directly centered should be the same height.

Bag 2 (4 groups of bricks)

Group 6 contains pieces for steps 23.1 through 23.6

Group 7 contains pieces for steps 24.1 through 27

Group 8 contains pieces for steps 28.1 through 28.3.1

Group 9 contains technic pieces for steps 29 and 30

Group 6, Steps 23.1 through 23.6

Set aside the main build. Once we finish these sub-assemblies, we will attach them to the main build

23.1. Build 4 duplicate sub-assemblies. Locate 1 black 1x2 plate. Place it horizontally in front of you. Locate 1 tan 1x2-2x2 bracket with two rows of 2 studs pointing up, and place this aligned on the 1x2 plate, with the bracket studs facing back.

23.2. Locate 1 Black 1x2 plate and place this on the 1x2 section of the bracket. Locate 1 light grey 1x2 brick with 2 studs on one side, place it aligned in a stack on the 1x2 black plate you just placed with the studs naturally facing front.

23.3. Locate another 1 tan 1x2-2x2 bracket with two rows of 2 studs pointing up, and place it aligned and the 2x2 side-studs facing back in a stack on the light grey 1x2 brick you just placed.

23.4. Locate 1 white 1x2 jumper and place it aligned in a stack on top of the 1x2 section of the 1x2-2x2 bracket you just placed.

At this point this sub-assembly should be one brick deep and 2 bricks wide, a 1x2 stack of plates and brick with the vertical brackets creating a 2x4 facing back, and a 2-stud row facing front.

23.5. Locate 2 medium nougat 2x2 curved slope plates. Rotate the sub-assembly so the 2x4 vertical bracket face is to the front. Place one 2x2 curved slope on the middle 2 studs of the left column. The curved slope should face to the left. Place the other 2x2 curved slope on the middle two studs of the right column. The curved slope should face to the right.

23.6.1. Locate 1 medium nougat 1x2 curved slope with 45-degree left cut horizontally, and attach it to the top stud on the right column with the slope facing right. Locate 1 medium nougat 1x2 curved slope with 45-degree right cut horizontally, and attach it to the top stud on the left column with the slope facing left.

Build 3 more duplicate sub-assemblies following the previous six steps locating more of the same parts. Once you have assembled all 4 sub-assembly builds you are ready to attach to the main build!

23.6.2. Locate the main build once again and orient the cross to 12, 3, 6, and 9. Be careful to locate the two 2x2 round plates and orient these to the 3 and 9 locations. Locate the gold 1x2 half circle jumpers at the spaces half way down the main build at the 1:30, 4:30, 7:30 and 10:30 locations.

23.6.3. Attach each sub-assembly with the 2-stud row facing the middle of the build, placing the post centered into the center open stud of each gold 1x2 half circle jumper - so that the curved slopes face outward from the center of the build at 1:30, 4:30, 7:30 and 10:30 locations. The 2-stud row will come in contact with the 3x3 wall bricks inside the center of the build. The curved front of each section will have top and bottom mirrored curved slopes with the cut 45-degree corner – at all 4 corners. In the middle of this assembly will be a 2x2 section of studs.

Group 7, Steps 24.1 through 27

24.1. Build 4 duplicate sub-assemblies. Locate 2 medium nougat 2x2 curved slope plates. Locate 1 medium nougat 2x2 plate. Place one curved slope on one edge of the 2x2 plate. Place the other slope opposite on the remaining 2stud column opposite the last curved slope. The resulting sub-assembly will be an arched 2x4 with the slopes naturally facing away from each other. Build 3 more duplicate sub-assemblies locating more of the same parts.

24.2. Return to the main build and identify the curb slope sections at 1:30, 4:30, 7:30 and 10:30 locations. Place 1 curved 2x4 sub-assembly from 24.1 horizontally on the 2x2 center stud section in the middle of each of these faces. The edges should all align vertically, with the center bow 2x4 section rising one plate higher than the upper and lower sections of each face.

25.1. Locate 4 brown 4x4 ¼ circle tiles. Working from the 12 position - on the back right stud, place one end of the 4x4 ¼ circle tile. The curve should follow the inside shape of the build. The other end of the 4x4 macaroni tile will connect to the back stud of the last right column at the 3 position. Working around the inside circle of the build, continue to connect the remaining 3 brown 4x4 ¼ circle tiles at 3 to 6, 6 to 9, and 9 back to 12. You will note that the single stud of the jumper plates located at 1:30, 4:30, 7:30, and 10:30 will align with the center middle of the arc of each 4 x 4 ¼ circle tile.

25.2. Locate 4 dark orange 3x3 ¼ circle tiles. Working from the 12 position - place one end of the 3x3 ¼ circle tile on the right stud immediately below the macaroni tile placed in the last step. The curve should follow the inside shape of the build. The other end of the 3x3 ¼ circle tile will connect to the back stud of the right column of the 2x2 round plate at the 3 position. Again, working around the inside circle of the build, continue to connect the remaining 3 dark orange 3x3 ¼ circle tiles at 3 to 6, 6 to 9, and 9 back to 12. This will make a tile circle inside the brown tile circle from the step above.

25.3. Locate 2 gold 1x2 half circle jumpers. Once all the macaroni tiles have been placed, the center of the build will now have a 4x4 cross of studs. Place 1 gold 1x2 half circle jumper with the straight edge on the right facing the center on the left column of 2 studs. Place the other 1 gold 1x2 half circle jumper with the straight edge on the left facing the center on the right column of 2 studs.

26. Locate 2 brown 2x2 round tiles. Identify the center anti-stud tube in the middle of each 2x2 round tile. Place 1 brown 2x2 tile, anti-stud tube on each gold 1x2 half circle jumper open stud.

27. Locate 1 black 4L technic axle. Insert the 4L axle into the center of exposed 2x4 studs of the black 2x6 technic plate in the exact middle of the build. The axle should be oriented naturally to the 12, 3, 6, and 9 cross orientation. The axle can be pushed down until only 2/3 height of a brick will be above the 2x2 round tiles on the left and right.

Group 8, Steps 28.1 through 28.3.1

28.1. Build 4 duplicate sub-assemblies. Locate 1 tan 2x8 plate. Orient this horizontally in front of you. Locate 2 medium nougat 3x4 triple curved wedges. The 3x4 wedges have a recessed 1x2 section on the straight edge opposite the triple curve. On the left 2x3 section of the 2x8 plate, center the 3x4 triple curve wedge with the curves facing left. The left curved edge should align with the left edge of the 2x8 plate with 1 row of studs over hanging the front and back of the plate.

Place the second 3x4 triple curved wedge on the right 2x3 studs, with the right curved edge aligned with the right edge of the 2x8 plate with 1 row of studs over hanging the front and back of the plate. The 3x4 triple curve wedges should mirror each other with the 1x2 recesses toward the middle of the build and a 2x2 plate section left in the middle.

28.2. Locate 2 medium nougat 1x3-2 stud jumpers. These jumpers have small notches on the anti-stud side which will allow the off-stud placement. Place one jumper on the left column of studs, aligning the anti-studs centered vertically on the 2x2 plate section. The 2-stud column of the 1x3 jumper should still be in alignment with the 2-stud column on the exposed 2x2 section of the plate under the jumper. Place the second 1x3-2 stud jumper aligned with the jumper on the left. The two vertically placed 1x3 jumpers will slightly over hang the 2x2 section of plate underneath them. The center of the sub-assembly will now have a 2x4 location horizontally in the middle of the build.

28.3. Locate 1 medium nougat 2x4 tile. Place the 2x4 tile on the center 2x4 studs of the sub-assembly. Build 3 more duplicate sub-assemblies locating more of the same parts.

Once you have completed all 4 of the sub-assemblies, we're ready to complete the woven basket pattern of our flowerpot!

28.3.1. Attaching the 4 duplicate sub-assemblies. On the main build locate the 12, 3, 6 and 9 locations. Starting at location 6 facing you, working from the bottom of the build side upwards. Locate the 2x3 vertical section created by the outward facing studs from the stacked side at the bottom of the face. Near the top of the build there will be a row of 2 studs created by the last 2x2 plate with studs on the side placed back in Group 1.

28.3.2. Rotate 1 sub-assembly 90 degrees to vertical to the 8-stud high orientation. Attach the last 2x3 studs of the sub-assembly to the 2x3 studs of the build. The upper part of the sub-assembly will attach to the top row of 2 studs of the face of the build, the curved surfaces of the builds facing outward and having 1 anti-stud row left above the lip of our flowerpot.

The left and right edges of the sub-assembly will slightly overlap the curved surfaces at the 1:30, 4:30, 7:30 and 10:30 locations. Attach the remaining 3 sub-assemblies at 9, 12 and 3 in the same way.

Once complete, all sides of our flowerpot are in place! The top of each side will rise 1 row of studs over the center tiled section in the middle.

Group 9, Steps 29 and 30.1.2, Technic parts assembly. Beginning to grow!

29. Locate 1 dark grey metallic 2x3 vertical axle connector. This connector will resemble a slightly distorted cross shape. The middle of axle hole of this connector is about 1 plate higher than the axle holes on left and the right, with the top and bottom of the piece mirrored. There are no holes or other connection points on the large surfaces of this part. Locating the axle in the middle of the build, insert the axle into the middle axle connector in the center of the 2x3 connector. Be sure to align the 2x3 axle connector to have the other axle connector holes aligned to 3 and 6 locations. Push down on the center of the 2x3 axle connector have the outside axle connector holes resting on the 2x2 tile on the build.

30.1. Build 2 duplicate technic sub-assemblies. Locate 1 green axle and pin connector angle 4. Locate 1 red 2L notched axle. Insert the axle into one end of the axle and pin connector angle 4, it will protrude 1 by one brick. Locate 1 blue 1L axle with pin and friction ridges. Insert the axle section into the opposite end of the axle and pin connector angle 4. There will be a 1 brick pin protruding from the axle and pin connector angle 4 on this end. Build a duplicate sub-assembly locating more of the same parts.

30.2. Locate 2 dark green 2L pin connector with slot (pin joiner, round). Connect these to the pin side of the axle and pin connector angle 4 sub-assemblies completed in the step above. On the main build locate the dark grey metallic 2x3 vertical axle connector. Place one technic sub-assembly axle into the left axle hole located at the 9 location of the 2x3 vertical axle connector angling left. Place the other technic sub-assembly axle into the right axle hole located at the 3 location of the 2x3 vertical axle connector angling right. Be sure that the center axle hole of the connector in the middle of the build is still open.

Your little poinsettia is beginning to grow! The completed woven basket flowerpot will have what appears to be the beginning "branches of a plant" facing 3 and one facing 9 - angled up left and right at 30 degrees respectively towards the sky!

Bag 3 (4 groups of bricks)

Group 10 contains technic pieces for steps 31.1 and 32

Group 11 contains pieces for steps 33.1 through 33.5

Group 12 contains technic pieces for steps 34 through 40

Group 13 contains pieces for steps 41 through 47

Group 10, Steps 31.1. through 32.2. Technic parts assembly. Branching out!

31.1. Build 2 duplicate sub-assemblies. Locate 1 light grey 3L axle, 1 dark green axle and pin connector angle 5, and 1 blue 1L axle with pin and friction ridges. Insert the 3L axle into one end of the axle and pin connector angle 5. Into the other end of the axle and pin connector angle 5, insert the 1L axle with pin and friction ridges. Build a duplicate sub-assembly locating more of the same parts.

31.2. Locate 2 dark green 2L pin connector with slot (pin joiner, round) parts. Connect these to the pin end of the axle and pin connector angle 5 sub-assemblies completed in the step above. Locate 2 black technic pin with friction ridges and tow ball. Insert one pin into each of the 2L pin connectors with slot. Orient both assemblies with the angles point to the left.

31.3. Locate 2 blue 1L axle with pin and friction ridges. Insert one pin into the middle pin hole in the center of the 1 dark green axle and pin connector angle 5. Insert the other pin into the middle of the second sub-assembly.

31.4. Locate 2 dark green axle and pin connector angle 5 parts. Place one on each of the pins on each sub-assembly from the step above. The open axle end of both of these axle and pin connector angle 5 parts should be angling to the back and up of the sub-assembly. Locate 2 light grey 1L axles with tow ball parts. Insert 1L axle and tow ball into the open axle end of the connector. Place the other 1L axle and tow ball into the open axle end into the other connector.

Attach to the main build. Locate the center “branches of the plant” and rotate horizontally so that these are oriented horizontally 3 to 9 locations. Locating the stem in the center, locate the 2 x 2 recessed studs just in front of the stem. Insert 1 sub assembly with the axle down into the technic plate hole located in the center of the 2x2 recessed studs. A black tow ball will be angling to the front towards you, with the branch of the sub-assembly located on the right, turned slightly upward. Rotate the build 180 degrees and place the second sub-assembly in the same manner.

32.1. Build 2 duplicate sub-assemblies. Locate 2 dark green axle and pin connector angle 5 parts, 2 light grey 1L axles with tow ball parts and 2 blue 1L axle with pin and friction ridges parts. Build each sub-assembly by inserting one 1L axle with tow ball into each axle and pin connector angle 5 on one end. On the other end of each axle and pin connector angle 5 insert the axle with pin and friction ridges.

32.2. On the main build, locate the center “branches of the plant”. The left and right branches should be angled upward at the 3 (left) and 9 (right) locations. On the left branch locate the center pin hole of the axle and pin connector angle 4 part. It will be at the joint point, horizontally from where the branch comes vertically upward, and then angles left. Insert the pin end of one of the sub-assemblies from the step above with the tow ball facing to the front.

Rotate the tow ball and angle connector parallel to the top of the main build to the left to orient the tow ball facing left. On the right branch locate the center pin hole of the axle and pin connector angle 4 part. From the BACK of this branch insert the pin of the second sub-assembly. The tow ball will be facing toward the back of the build. Rotate the tow ball and angle connector parallel to the top of the main build to the right to orient the tow ball facing right.

Once these parts have all been placed, there will be branches point to the back of the build and 3 branches point to the front of the build. All of these branches should end in tow ball joints. At the 3 to 9 locations oriented horizontally will be the two branches point upward at 11 and 1 that end in pin hole connections.

Group 11, Step 33.1. through 33.5. We're growing leaves!

33.1. Build 6 duplicate sub-assemblies. Locate 1 dark green 2x4 plate. Orient the plate horizontally in front of you. Place 1 light grey 1x2 plate with tow ball socket on side on the right column of studs on the 2x4 plate. The tow ball socket should be on the right.

33.2. Locate 1 dark green 3x4 wedge curved with cutout. Place the 3x4 wedge on the column of studs to the left of the plate you just placed in the step above, with the cutout facing right. The curved edges will over hang the back and front by 1 row of studs respectively.

33.3. Locate 1 dark green 2x4 right pointed wedge plate and also locate its pair plate, a 2x4 left pointed wedge plate. Place one 2x4 on back left 2 studs of the 2x4 plate with the point facing left. Place the other 2x4 pointed wedge plate on the front left 2 studs of the 2x4 plate with the point facing left.

33.4. Locate 1 dark green 2x3 pentagonal tile. Locate the right 2 columns of studs and place the 2x3 tile with the point facing left. Right edge should be in contact with the edge of the tow ball socket. Build 5 more duplicate sub-assemblies following the previous 3 steps, locating more of the same parts.

33.5. Attaching to the main build. Working around the main build carefully attach each leaf by snapping the tow ball ends of the branches into the tow ball socket of each of the leaves. The pentagonal tiles should all be facing up, with the points facing downward slightly. The branches located at the roughly 1:30, 4:30, 7:30 and 10:30 locations are meant to rotate on the pin joints of those branches. Those might be a little difficult to connect as the branches tend to move a little bit.

Group 12, Steps 34 through 40. Technic parts assembly. We're growing bigger!

34. Main stem sub-assembly. Locate 1 dark grey metallic 2x3 vertical axle connector. Orient this piece horizontally to have the 3 axle holes facing the front and back, the middle axle holes will be raised about 1 plate height above the axle holes on the left and on the right. Locate 1 red 2L notched axle, and place it into the middle axle hole of the back 2x3 connector. Place another 1 red 2L notched axle into the center axle hole in the front of the 2x3 connector.

35. Locate 2 red 2L notched axles, and place one in the left back axle hole on the connector. Place the other in the right axle hole of the connector. Locate 2 dark green axle and pin connector angle 5. Connect 1 axle and pin connector angle 5 to the left back axle, angling left. Connect the other axle and pin connector angle 5 to the right back axle angling right. Locate 1 green 2L axle connector and place it on the back axle in the middle.

36. Locate 3 blue 1L axle with pin and friction ridges parts. Insert one into each of the axle holes on the back connectors of the sub-assembly.

37. Locate 3 dark green 2L pin connector with slot (pin joiner, round) parts. Connect one to each back blue pin.

38. Locate 2 black technic pins. Insert one into each 2L pin connector with slot part.

39. Locate 3 dark green 2L pin connector with slot (pin joiner, round) parts. Connect one to each back black technic pin.

40. Locate 2 dark grey 1L pin with hollow stud parts. Place one pin to the left and right angled 2L pin connectors with slot parts. Leave the center 2L pin connector with slot (pin joiner, round) part open.

Group 13, Steps 41 through 47. Our first blossoms are here!

41. Build 2 duplicate assemblies. Locate 1 brown technic pin connector with 4 clips. Locate 1 dark grey 1L pin with hollow stud, and insert into the middle of the pin connector.

42. Locate 1 bright light yellow Minifigure hair stud spiky tuft. Connect this to the pin hollow stud.

43. Locate 4 dark red 1x1 round plates with bar handle. Connect one to each of the clips of the technic pin connector with clips in step 41. Locate 4 red 1x2 curved slope with 45-degree left cut part. Connect one to each of the 1x1 round plates with bar handles with the 45-degree cut pointing outward.

44. Locate 1 brown 4L bar. From the bottom of the assembly in the middle of brown technic pin connector with 4 clips, insert the 4L bar into the pin that has been placed there. Holding down the minifigure hair on the hollow stud, push the 4L bar into the assembly. Set this aside.

45.1. Locate 1 dark green large shuriken throwing star with 6 teeth. Locating 1 black technic pin, insert the pin into the middle pin hole of the throwing star. Note the directions of the curves of the 6 teeth. Locate 1 dark red large shuriken throwing star with 6 teeth. If necessary, flip the piece so that the curves of the 6 teeth are curved in the opposite direction of the dark green star with the technic pin in the middle. Connect the center pin hole to the technic pin in the other star. It should create a stack with the teeth curving in opposite directions with the dark red star on the top.

45.2. Carefully insert the 4L bar assembly from step 44 into the hole in the middle of the technic pin in the stars sub-assembly above. The first flower is complete!

Build a second duplicate flower following the steps at the beginning of this Group 13, locating more of the same parts.

46. Locate the large branch assembly completed in Step 40. Locate the left and right branches that angle away from the center. Recall that there is a hollow stud end on each angled branch. Carefully insert the 4L bar that remains sticking out at the bottom of each blossom into each of these hollow studs. The remaining bar should be about 1 brick long. Holding the branch once the 4L bar has been inserted, push the center of the blossom into the branch until the blossom stops.

47. Locate the main build. Around the 6 leaves that are placed on the main build locate the 2 angled branches. Rotate the main build so that these branches are oriented to 3 and 9 locations. Locating the assembly just completed, hold vertically by the center round 2L pin connector. In this orientation, at the bottom of this assembly will be the 1 red 2L notched axle protruding from the very bottom dark grey metallic 2x3 vertical axle connector. Rotate so that the completed blossoms are facing the front and back at the 12 and 6 locations. Guiding this assembly directly into the middle of the main build, it will slot in at 90 degrees between the horizontal branches and the 2L notched axle will seat into the other center axle hole of the 2x3 vertical axle connector located in the middle.

At this stage of the main build the poinsettia has 2 blossoms, one facing front and the other facing back. Six leaves that be turned on the ball joints to various angles preferred, 2 branches with pin holes aligned horizontally and angling upward, and a taller central stalk with a pin hole in the very center.

Bag 4 and 5 (4 groups of bricks)

Group 14 contains pieces for steps 48 through 53

Group 15 contains pieces for steps 54 and 55

Group 16 contains pieces for step 56

Group 17 contains pieces for steps 57 through 61.

Bag 4 contains parts to assemble one large blossom and Bag 5 contains the identical parts to build the second large blossom. The official Lego instructions depict opening both bags 4 and 5 simultaneously and proceeding to build 1 blossom, with the inset image of a completed assembly, and "2x" in the corner.

For this instruction, we have authored Bag 4, Groups 14 through 17, Steps 48 through 60. Our recommendation is to assemble the first blossom following these instructions, and then opening Bag 5 and returning Group 14 to build the second identical blossom.

Group 14, Steps 48 through 52. Let's make our Poinsettia fuller! The larger blossoms are growing! Start here for the instructions to build the second blossom as well.

48. Locate 1 blue 1L axle with pin and friction ridges part, and 1 green technic belt wheel (Pulley). Insert the axle into the axle hole in the center of the belt wheel. The axle end will protrude slightly above the wheel level once inserted and pushed through. The belt wheel has 6 pin holes located around the center axle hole. Orient the axle at 12, 3, 6, and 9, Rotate the assembly, to have 3 pin holes on the left and right of an imaginary center of the parts. There should be pin holes at the 3 and 9 locations, with the other pin holes in front and in back of those locations.

49. Locate 1 additional green technic belt wheel. This is a critical step. Place the center of this belt wheel on the axle from the previous step. The two belt wheels must be oriented so that the 6 pin holes are in alignment for the next steps to be built upon. Test the alignment by placing an extra 1L technic pin through one of the holes and it should be able to pass through both stacked pin holes, or asking for confirmation by a sighted helper. Once this is completed the rest of the assembly will go smoothly.

50. Flip the assembly to have the pin section down, and rotate to have one pin hole at the 12 location. Locate 1 dark grey 1L pin with hollow stud and place it into the pin hole located at the 12 location.

51. Locate 1 brown 1x1 round stud with open stud and attach to the open studs of the pin. Set this aside.

52.1. Locate 1 yellow 1x1 round plate with open stud and 1 black 1x1 round plate open stud with bar arm down. Attach the 1x1 yellow stud onto the anti-stud of the 1 black 1x1 round plate with bar arm down. The 1 black 1x1 round plate with bar arm down will be stacked on top of the yellow 1x1 round plate.

52.2. Locate 1 tan 6L bar with stop ring. Stop ring down, insert the bar into the open studs of the last 2 stacked parts.

52.3. Insert the bar arm down, into the brown open stud of the assembly in step 51. Push the bar arm section into the open stud as far as possible. Rotate this assembly to have the 6L bar in the center of the belt wheel stack.

53. Locate 2 green 1x1 round bricks and stud pointing up, thread these onto the 6L bar. Stack 1 round brick on top of the other, and gently push these down the 6L bar to seat on the black open stud at the bottom of the 6L bar. Set aside this center assembly.

Group 15, Steps 54 and 55

54.1. Build 5 duplicate sub-assemblies. Locate 1 dark grey 1L axle with 2L pin with friction ridges part. Locate 1 dark red 1x2 click hinge cylinder 1 locking finger and axle hole. Place the axle hole on the axle of the 1L axle with 2L pin.

54.2. Locate 1 green pin connector with a 90-degree 1L axle. Insert the 2L pin from the previous step and push the connector until it meets the axle. There will be a 1L pin at 90-degrees from the connector in the middle and 1L pin at the end of this sub-assembly.

54.3. Locate 1 dark green 1x2 plate with pin hole on the bottom. Orient the 1x2 plate horizontally with the pin hole located under the right stud of the plate. Place this pin hole on the center pin of the assembly and push until the pin clicks and the 1x2 plate is flush to the build. The 1x2 plate pin hole will be aligned with the center of the sub-assembly 1 stud of the plate will overhang to the left. At the end of this step the click hinge end will be at one end, with the 1x2 plate studs oriented in the same direction as the click hinge and the pin at the other end

Build 4 more duplicate sub-assemblies following the previous 3 steps, locating more of the same parts.

54.4. Locate the center build from Step 53. Orient the center build until the bar arm inserted into the hollow stud is at the 12 location of the belt wheel assembly. Working from the left-to-right on the pin holes in the belt wheel, insert the pin sections of the sub-assemblies one-by-one into the pin holes on the belt wheel. These may be adjusted in the pin holes to allow the next one to be inserted easier.

55.1. Build 5 duplicate sub-assemblies. Locate 1 green 1x2 plate with 2 vertical clips on one side. Locate 1 dark green 6x4x1 hexagonal windscreen with bar. Clip the windscreen into the 1x2 plate with vertical clips. Build 4 more duplicate sub-assemblies following the previous 3 steps, locating more of the same parts.

55.2. Working from the left-to-right place the 1x2 plate section on the 1x2 plate with the pin hole on the bottom of the center sub-assembly. Align the plates stacked on each other.

Group 16, Step 56

56.1. Build 5 duplicate sub-assembly blossom petals. Locate 1 red 2x2 plate. Locate 1 red 1x2 hinge plate with 2 fingers on the side. Place the 1x2 hinge plate on vertically on one column of studs on the 2x2 plate. The 2 fingers of the hinge plate should overhang the left edge of the 2x2 plate and be pointed to the left.

56.2. Locate 1 red 2x2 plate, and place on the right column of studs on the 2x2 plate to the right of the 1x2 hinge plate. This will overhang by one column of studs.

56.3. Locate 1 red 2x2x2/3 inverted curved slope. Orient the curve facing the right and attach the left column of studs to the column of overhanging studs of the previous build step. The surface created will be a 2x4 with 2 fingers of the hinge plate facing left.

56.4. Locate 1 dark red 2x4 plate. Locate 1 black 2x2 black plate. Place the 2x2 black plate in the middle 2x2 studs of the 2x4 dark red plate.

56.5. Orient the 2x4 plate horizontally. Locate 1 dark red 4x4 triple curve wedge with no studs and place on the left 2 columns of the 2x4 plate with the curve facing left. Locate 1 dark red 4x4 pointed wedge, and place it on the right 2 columns with the point facing right. The 2x4 plate will be in the middle of these 2 wedges that should lie flush to the table with the curve facing left and the point facing right. This sub-assembly petal will be about 8 studs long.

56.6. Align the 8-stud petal build horizontally to the red 2x4 surface with the 2 fingers of the hinges. The curved slope should still be facing left. Press them together firmly to join the 2 sub-assemblies together to form the full petal. Only the 2 fingers of the hinges should still overhang on the left.

Build 4 more duplicate sub-assemblies following the previous 6 steps, locating more of the same parts.

Locating the center build, locate the click hinge cylinders around the center. Working left-to-right, carefully attach each 2 finger click hinge petal to the click hinge cylinder. Slightly adjust the petals and leaves around the center to form a rough 5-point blossom.

Group 17, Steps 57 through 61.

57.1. Build 2 duplicate sub-assembly blossom centers. Locate 1 red minifigure weapon holder ring with 3 bars and 3 bar holes (ninjago aeroblade center) Locate 3 red orange pneumatic T-bars.

57.2. Insert the center bar of each T-bars into one of each of the holder ring bar holes. The bars should be at 120-degree angles to each other.

57.3. Attach the clips at the end of each 3 1/2x2 triangle flag to each of the T-bars. Build a duplicate blossom center assembly locating more of the same parts.

Once both sub-assemblies are completed locate the blossom. In the center of the weapon holder ring is an open stud. Stud pointing up slide the first weapon holder ring sub-assembly down the center bar of the blossom. Slide the second weapon holder ring sub-assembly stud point up, slide this down the center bar, rotating the flags 120 degrees, so that a 6-pointed center is created.

58. Locate 1 brown 1x1 round plate with open stud, and slide this down the center bar to secure the parts from steps above.

59.1. Locate 1 red 2x2 round plate. Locate 4 bright light yellow Minifigure hair stud spiky tuft parts, and connect them to each stud of the 2x2 round plate.

59.2. Stud pointing up locate the middle axle hole of the 2x2 round plate. Slide the 2x2 round plate down the center bar of the blossom, onto the 1x1 brown round plate on the bar.

60. Locate 1 yellow 1x1 round plate with open stud. Locate 1 bright light yellow Minifigure hair stud spiky tuft part, and place onto the 1x1 round plate. Stud pointing up, slide this down the center bar of the blossom. It will come to rest just on the 4 other minifigure hair tufts place in the step above.

The first blossom is complete! Now return to Bag 4, Group 14 and follow the steps 48 through 60 one more time to build the second poinsettia blossom.

Once both blossoms are completed, return to this point and proceed with the next step.

61. Locate the main build set aside from step 47. Orient the main build once again until 2 branches with pin holes aligned horizontally and angling upward towards 11 and 1. On each blossom, gently locate the one pin hole where the bar arm down into the 1x1 round plate, is between the leaves and the petals of the blossom.

At the underside center of the blossom is the blue pin side of the very first 1L axle with pin that started the entire assembly. Keeping the pin hole that is identified with the bar arm down oriented to the 12 location, guide the pin at the bottom center of the blossom into the left branch with pin hole. Following the previous guidance, place the second blossom into the right branch with pin hole in the same manner.

The reason to keep the pin hole that was identified to the 12 location is that it should create a space for the last blossom to nestle in between the petals of these two blossoms that have been attached to the main build.

Bag 6 (4 groups of bricks)

Group 18 contains pieces for steps 62 through 67.

Group 19 contains pieces for steps 68 and 69.

Group 20 contains pieces for 70.

Group 21 contains pieces for steps 71 through 75.

These steps will seem very familiar, and they should be. This last blossom starts out the same way the last 2 blossoms did. When we start to assemble the petals of this final blossom this will be where the difference in the parts is in this final bag.

Group 18, Steps 62 through 67. The final blossom is here, we're almost complete! We have some familiar steps.

62. Locate 1 blue 1L axle with pin and friction ridges part, and 1 green technic belt wheel (Pulley). Insert the axle into the axle hole in the center of the belt wheel. The axle end will protrude slightly above the wheel level once inserted and pushed through. The belt wheel has 6 pin holes located around the center axle hole. Orient the axle at 12, 3, 6, and 9. Rotate the assembly, to have 3 pin holes on the left and right of an imaginary center of the parts. There should be pin holes at the 3 and 9 locations, with the other pin holes in front and in back of those locations.

63. Locate 1 additional green technic belt wheel. This is a critical step. Place the center of this belt wheel on the axle from the previous step. The two belt wheels must be oriented so that the 6 pin holes are in alignment for the next steps to be built upon. Test the alignment by placing an extra 1L technic pin through one of the holes and it should be able to pass through both stacked pin holes, or asking for confirmation by a sighted helper. Once this is completed the rest of the assembly will go smoothly.

64. Flip the assembly to have the pin section down, and rotate to have one pin hole at the 12 location. Locate 1 dark grey 1L pin with hollow stud and place it into the pin hole located at the 12 location.

65. Locate 1 brown 1x1 round stud with open stud and attach to the open studs of the pin. Set this aside.

66.1. Locate 1 yellow 1x1 round plate with open stud and 1 black 1x1 round plate open stud with bar arm down. Attach the 1x1 yellow stud onto the anti-stud of the 1 black 1x1 round plate with bar arm down. The 1 black 1x1 round plate with bar arm down will be stacked on top of the yellow 1x1 round plate.

66.2. Locate 1 tan 6L bar with stop ring. Stop ring down, insert the bar into the open studs of the last 2 stacked parts.

66.3. Insert the bar arm down, into the brown open stud of the assembly in step 51. Push the bar arm section into the open stud as far as possible.

67. Locate 2 green 1x1 round bricks and stud pointing up thread these onto the 6L bar. Stack 1 round brick on top of the other, and gently push these down the 6L bar to seat on the black open stud at the bottom of the 6L bar. Set aside this center assembly.

Group 19, Steps 68 and 69. Some familiar steps again.

68.1. Build 5 duplicate sub-assemblies. Locate 1 dark grey 1L axle with 2L pin with friction ridges part. Locate 1 dark red 1x2 click hinge cylinder 1 locking finger and axle hole. Place the axle hole on the axle of the 1L axle with 2L pin.

68.2. Locate 1 green pin connector with 1L axle. Insert the 2L pin from the previous step and push the connector until it meets the axle. There will be a 1L pin left at the end of this sub-assembly. From the connector there will be another pin at 90 degrees and in the middle of this build.

68.3. Locate 1 dark green 1x2 plate with pin hole on the bottom. Orient the 1x2 plate horizontally with the pin hole located under the right stud of the plate. Place this pin hole on the center pin of the assembly and push until the pin clicks and the 1x2 plate is flush to the build. The 1x2 plate pin hole will be aligned with the center of the sub-assembly 1 stud of the plate will overhang to the left. At the end of this step the click hinge end will be at one end, with the 1x2 plate studs oriented in the same direction as the click hinge and the pin at the other end

Build 4 more duplicate sub-assemblies following the previous 3 steps, locating more of the same parts.

68.4. Locate the center build from Step 53. Orient the center build until the bar arm inserted into the hollow stud is at the 12 location of the belt wheel assembly. Working from the left-to-right on the pin holes in the belt wheel, insert the pin sections of the sub-assemblies one-by-one into the pin holes on the belt wheel. These may be adjusted in the pin holes to allow the next one to be inserted easier.

69.1. Build 5 duplicate sub-assemblies. Locate 1 green 1x2 plate with 2 vertical clips on one side. Locate 1 dark green 6x4x1 hexagonal windscreen with bar. Clip the windscreen into the 1x2 plate with vertical clips. Build 4 more duplicate sub-assemblies following the previous 3 steps, locating more of the same parts.

69.2. Working from left-to-right place the 1x2 plate section on the 1x2 plate with the pin hole on the bottom of the center sub-assembly. Align the plates stacked on each other.

Group 20, Step 70.

70.1. Build 5 duplicate sub-assembly blossom petals. Locate 1 red 2x2 plate. Locate 1 red 1x2 hinge plate with 2 fingers on the side. Place the 1x2 hinge plate on vertically on one column of studs on the 2x2 plate. The 2 fingers of the hinge plate should overhang the left edge of the 2x2 plate and be pointed to the left.

70.2. Locate 2 red 1x4 inverted curved slopes. These pieces will have a 1 plate anti-stud notch on the straight side opposite the inverted curved slope. Place one anti-stud on the back stud of the 2x2 plate to the right of the 1x2 hinge plate. Place the second anti-stud on the front stud of the 2x2 plate to the right of the 1x2 hinge plate. This will form a sub-assembly with the 2 fingers of the hinge plate on the left, then 2x3 section of studs, then a 1 plate higher section of 2x2 studs.

70.3. Locate 2 black 1x2 plates. Place the first black plate on the right column of the 2x3 section of studs. Place the second 1x2 plate on the left column of the 2x2 section of studs to the right of the last plate just placed.

70.4. Locate 1 dark red 4x3 triple curved wedge with no studs and place on the left 2 columns of the 2x3 section of studs with the curve facing left. Locate 1 dark red 4x4 pointed wedge, and place it on the right 2 stair step columns with the point facing right. The straight backs of these 2 wedges should meet and align in the middle of the petal. This sub-assembly petal will be about 6 studs long.

Build 4 more duplicate sub-assemblies following the previous 4 steps, locating more of the same parts.

Locating the center build, locate the click hinge cylinders around the center. Working left-to-right, carefully attach each 2 finger click hinge petal to the click hinge cylinder. Slightly adjust the petals and leaves around the center to form a rough 5-point blossom.

Group 21, Steps 71 through 75.

71.1. Build 2 duplicate sub-assembly blossom centers. Locate 1 red minifigure weapon holder ring with 3 bars and 3 bar holes (ninjago aeroblade center) Locate 3 red orange pneumatic T-bars.

71.2. Insert the center bar of each T-bars into one of each of the holder ring bar holes. The bars should be at 120-degree angles to each other.

71.3. Attach the clips at the end of each 3 1/2x2 triangle flag to each of the T-bars. Build a duplicate blossom center assembly locating more of the same parts.

Once both sub-assemblies are completed locate the blossom. In the center of the weapon holder ring is an open stud. Stud pointing up, slide the first weapon holder ring sub-assembly down the center bar of the blossom. Slide the second weapon holder ring sub-assembly stud pointing up onto the center bar, rotating the flags 120 degrees, so that a 6-pointed center is created.

72. Locate 1 brown 1x1 round plate with open stud, and slide this down the center bar to secure the parts from the steps above.

73.1. Locate 1 red 2x2 round plate. Locate 4 bright light yellow Minifigure hair stud spiky tuft parts, and connect them to each stud of the 2x2 round plate.

73.2. Studs pointing up, locate the middle axle hole of the 2x2 round plate. Slide the 2x2 round plate down the center bar of the blossom, onto the 1x1 brown round plate on the bar.

74. Locate 1 yellow 1x1 round plate with open stud. Locate 1 bright light yellow Minifigure hair stud spiky tuft part, and place onto the 1x1 round plate. Studs point up, slide this down the center bar of the blossom. It will come to rest just on the 4 other minifigure hair tufts place in the step above.

The last blossom is complete! Once again, at the underside center of the blossom is the blue pin side of the very first 1L axle with pin that started the entire assembly. Locate the main build and center branch with the open pin hole left. Gently rotate the final blossom if necessary to nestle between the other foliage as you connect this pin into the pin hole.

Once the final blossom is seated, you can gently move some of the leaves, petals and blossom centers to give the poinsettia some volume and fill in some empty spaces. Work gently however. If a part separates at this point it is a little difficult to reach into the completed plant to find and re-attach the parts!!

The beautiful poinsettia is complete!! Great work! Enjoy!

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