

## **11502 Sunflower Bouquet**

Set adapted by Susan Crum and tested by Minh Ha.

Let your creativity bloom with the LEGO® Botanicals Sunflower Bouquet (11502) building set for adults. This gorgeous LEGO bouquet includes 6 sunflowers in various stages of development. Enjoy creating 1 sunflower bud, 3 sunflowers beginning to bloom and 2 big fully opened sunflowers, plus 4 stems of eucalyptus. These LEGO flowers are designed to be highly realistic and the petals and stems are adjustable so budding florists can arrange the plants into a bespoke bouquet and display it proudly as flower decor. It can also be combined with other LEGO Botanicals sets (sold separately) to create a larger, customized floral display.

Sunflowers are thought to represent positivity, love and luck, so this LEGO building kit makes a thoughtful birthday, Valentine's Day, Mother's Day or housewarming gift for women, men and nature lovers. It's also available in the LEGO Builder app, where builders can rotate their builds and track their progress.

Build more blooms with other building sets (sold separately) in the LEGO® Botanicals range, where you'll find roses, tulips, potted plants and more.

Dimensions – The set contains 686 pieces and the measurements of the sunflowers vary, but the two fully opened blooms measure over 14 in. (36 cm) high.

The front of the box shows a closeup of the sunflower bouquet contrasted against a dark emerald green background. There are six sunflowers in various stages of bloom and some eucalyptus branches in the background. The stems disappear into the top of a subtle glass vase. Text on the front indicates the vase is not included in the set. The bottom of the box has a yellow stripe formed from a mosaic of differently shaped yellow lego plates and tiles to indicate this is a set in the Botanicals line.

The back of the box has a large cozy still life photo of the bouquet arranged in a glass vase on a table next to a pair of glasses with a blanket and couch in the background. There are two smaller photos beneath, one is a closeup of a real sunflower plant in various stages of bloom and the second is a display of the lego sunflowers and eucalyptus laid flat on a flat black surface to show the adjustable stems. There is a small diagram of the tallest lego sunflower indicating it has a height of 14 inches or 36 cm tall.

The left side and top of the box show alternate views of the sunflowers and a scale photo of one of the flower petals. The right side has translations of the box text in French and Spanish.

The build is 686 pieces in total and is for ages 18+.

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).

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 gray 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.

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/11502>]: 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 5 bags and 2 sets of instructions. 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.

The step numbers in this set restart at 1 when a new flower is started. The books do not have to be assembled in a specific order, so two people can build at once if desired. Each book includes directions for three sunflowers and two eucalyptus stems. The book with a cover photo including a eucalyptus stem with elongated leaves and tan seeds will be referred to as Book 1 and the book with a cover photo including a round-leafed eucalyptus stem with no seeds will be referred to as Book 2.

This set contains many very small round parts used to represent sunflower seeds. It is easiest to assemble the sunflower centers on a work surface with a raised edge to keep them contained if dropped.

### Book 1

Group 1 - Flower 1, Steps 1-7 (pages 10-13a)

Group 2 - Flower 1, Step 8 (page 13b)

Group 3 - Flower 1, Steps 9-10 (page 14)

Group 4 - Flower 2, Steps 1-7 (pages 15-18a)

Group 5 - Flower 2, Step 8 (page 18b)

Group 6 - Flower 2, Steps 9-10 (page 19)

Group 7 - Flower 3, Steps 1-12 (pages 20-25)

Group 8 - Flower 3, Steps 13-15 (pages 26-27)

Group 9 - Eucalyptus with seeds, Steps 1-10 (pages 28-33), double the pieces listed in the instructions to make two identical branches

Group 10 - Eucalyptus with seeds, Step 11 (page 34), double the pieces listed in the instructions to make two identical branches

### Book 2

Group 11 - Flower 4, Steps 1-7 (pages 3-5)

Group 12 - Flower 4, Step 8 (page 6a)

Group 13 - Flower 4, Steps 9-10 (pages 6b-7)

Group 14 - Flower 5, Steps 1-5 (pages 8-9 through step 5)

Group 15 - Flower 5, Step 6 (page 9 step 6 only)

Group 16 - Flower 5, Steps 7-10

Group 17 - Flower 5, Steps 11-12

Group 18 - Flower 6, Steps 1-12 (pages 13-18)

Group 19 - Flower 6, Steps 13-15 (pages 19-20)

Group 20 - Eucalyptus with round leaves, Steps 1-6 (pages 21-22), double the pieces listed in the instructions to make two identical branches

Let's get to building!

Building Instructions:

## Book 1

Book 1 begins with informative pages, please move ahead to “Group 1” to skip this text. The text on all pages is written in English, French and Spanish; the English text is included in these instructions.

Page 2 - Large picture of two sets of hands playing with scattered LEGO pieces surrounded by a mix of paper and plastic LEGO bags. Text reads “We’re making our packaging more sustainable. We’re transitioning from single-use plastic to paper-based packaging. As we progress, you may find a mix of paper and plastic in our boxes.” [LEGO.com/sustainable-packaging](https://www.lego.com/sustainable-packaging).

Page 3 - Photo of LEGO builder app in use displaying how the sunflower bouquet instructions can be rotated. QR code to access the app in the bottom right corner.

Page 4 - Full page closeup photo of bright yellow sunflowers in various stages of bloom demonstrating the inspiration for this set.

Page 5 - Botanical information on a black background ornamented with two green inset photos with their edges cropped to a decorative leaf shape. The photos are of eucalyptus plants displaying both the round leaf stage and the elongated leaf stage with seeds, both of which are included in this set.

The text reads: *Helianthus annuus* and *Eucalyptus* sp. Sunflowers and Eucalyptus. Whether growing wild in a field, planted in a garden, or brightening your home as a decoration, sunflowers live up to their name. With soft, towering stalks that stretch towards the sky, they beam with happiness and positivity, playfully challenging the sun for attention! Native to Central America and the eastern United States, sunflowers have been valued for their nutritious benefits, resilience and radiant beauty for thousands of years. Ancient civilizations began cultivating them almost 5,000 years ago, and for centuries, these luminous blooms have featured in floral displays and as timeless muses for some of the world’s greatest artists. In this LEGO Botanicals version, they are complemented by silvery eucalyptus sprigs to create a striking contrast both in color and density.

Page 6-7 - Text on black background and green leaf-shape cropped photos of the LEGO flowers and eucalyptus in this set. Some text is highlighted in green circles. The highlighted text reads: “We wanted the bouquet to show just how spectacular sunflowers are in each of their varying stages of bloom.” - The LEGO Botanicals Design Team.

The main text reads:

From a Sprouting Bud: Sunflowers are cherished gifts for life’s meaningful moments, both big and small. The young bud promises fresh beginnings, a spark of joy and the anticipation of new adventures.

Breaking Through: Partially opened sunflowers capture the sensation of aspirations taking shape. They emanate a fresh optimism of youth and excitement.

In Full Bloom: A sunflower in full bloom bursts with color and confidence - a radiant symbol of growth and fulfilment. And when it eventually wilts, it nurtures the soil, sowing the promise of future blooms to come.

Eucalyptus: Native to Australia, the fragrant, silvery eucalyptus is more than decorative, it’s also a popular part of a koala’s diet. When given as a gift, eucalyptus offers wellness, strength and clarity - a perfect companion when embarking on new endeavors.

Page 8 demonstrates the use of the orange LEGO brick separator.

Flower 1: Medium partially opened sunflower (Book 1 page 10)

#### Group 1

1. Create the base of the sunflower. Locate one light bluish gray 7L axle and 1 dark green 3L axle connector. Holding both pieces vertically upright, insert the light bluish gray 7L axle into the top hole of the dark green 3L axle connector until it is about halfway through the dark green 3L axle connector.
2. Locate 1 dark green 2x2 round plate with an axle hole and line up the hole with the top of the light bluish gray 7L axle. Slide the dark green 2x2 round plate downward on the light bluish gray 7L axle until it touches the top of the dark green 3L axle connector.
3. Locate 1 dark green half barrel with an axle hole in the center and 2x2 studs inside. It is a round bucket-shaped container about 3.5cm in diameter. Hold the dark green half barrel with the studs facing up and line up the axle hole in the center bottom of the barrel with the top of the light bluish gray 7L axle and slide the dark green half barrel down the light bluish gray 7L axle until it can be connected to the top of the previously placed dark green 2x2 round plate. Text on this instruction page reads: "The LEGO tub elements we have used on all the sunflowers in this set have previously served several interesting design purposes - like a crow's nest on classic LEGO pirate ships!".
4. Locate 2 black 2x2 round bricks with an axle hole. Line up the axle hole of one black 2x2 round brick with the top of the light bluish gray 7L axle and slide the black 2x2 round brick down the light bluish gray 7L axle until you can connect it with the studs inside the dark green half barrel. Attach the second black 2x2 brick in the same way on top of the previously placed piece. Set the flower base assembly aside for a moment.
5. Locate 1 light bluish gray 2x2 round tile with a hole and 1 black 2x2 round plate with a bar frame. The bar frame is a round bar that circles the outside of the round 2x2 plate like a frame and has 8 notches evenly distributed around it. Attach the light bluish gray 2x2 round tile with a hole on top centered on the black 2x2 round plate with a bar frame.

Line up the hole in the center of this new assembly with the light bluish gray 7L axle of the flower base assembly. Slide the new pieces down until the black 2x2 round plate with a bar frame connects to the top black 2x2 brick. Set the flower base aside for a moment.

6. Create 8 sunflower petals. Locate 8 yellow 1L bars with a clip and 8 yellow 1x2 plates with a rounded leaf and open studs (these will be the flower petals on all but the smallest sunflower bud). The 1L yellow bar with a clip is a 1.5cm wrench shaped piece. Hold 1 yellow 1x2 plate with a rounded leaf horizontally in front of you with the studs on the right side facing up and the leaf pointing to the left. Hold 1 yellow 1L bar with a clip upright with the clip facing up and the arms of the clip pointing left and right. Insert the bottom of the yellow 1L bar with a clip into the top of the rightmost open stud of the 1x2 plate and push it all the way into the hole so the bar overhangs on the bottom and the clip overhangs on the top. Set this petal assembly aside and repeat this process with the remaining pieces you have located to create a total of 8 petals.

Locate the flower base and hold it upright. The black 2x2 round plate with a bar frame has 8 notches on the round bar frame, locate one of these notches. Locate 1 sunflower petal assembly and attach the clip to the bar frame notch with the petal tip pointing up and the clip facing the center of the circle. Repeat with the remaining 7 petals on the remaining 7 notches of the bar frame, with the petals pointing up and the clips facing the inside of the circle they're attached to. The petals can pivot up and down on the bar, gently angle them out and down to accommodate another row of petals inside the flower. Set the flower aside while you build the inner row of petals.

7. Locate 1 black 2x2 round plate with a bar frame and 1 light bluish gray 2x2 round tile with a hole. Attach the light bluish gray 2x2 tile with a hole centered on top of the black 2x2 round plate with a bar frame. Set this aside for a moment.

Locate 8 yellow 1L bars with a clip and 8 yellow 1x2 plates with a rounded leaf and open studs. Place 1 yellow 1x2 plate horizontally in front of you with the leaf pointed to the left and the 1x2 plate pointed right. Connect 1 yellow 1L bar with a clip into the rightmost open stud of the 1x2 plate, with the clip arms upright and pointing left and right, sliding the clip all the way into the hole so the bar overhangs on the bottom and the clip overhangs on the top. Repeat with the remaining pieces to create 7 more sunflower petals for a total of 8 new petals.

Locate the assembly from the beginning of this step and hold it upright. Hold one petal assembly with the petal tip pointing up and attach the clip to one of the notches on the black 2x2 round plate with a bar frame. Repeat with the remaining petals on the remaining notches of the round bar, with the petals pointed up and the clips facing the center of the circle.

Locate the flower you set aside and hold it upright. Take the new row of petals and line up the hole in the center of the black 2x2 round plate with a bar frame with the top of the light bluish gray 7L axle on the flower. Slide the new row of petals down and gently rotate it so the new petals line up with the empty spaces between the previous petals. The center of the top layer of petals should rest on the center of the bottom layer of petals but the petal rows will not connect to each other and instead will overlap in an alternating pattern. Gently pivot the new petals to angle them out and downwards, a bit less than the previous row.

## Group 2

8. Locate 2 lime 2x2 plates with an axle hole. Line up the axle holes with the top of the light bluish gray 7L axle in the center of the flower and slide them down, one on top of the other. These lime plates fill the center of the sunflower to match a real sunflower but are not visible in the final build. Set the flower aside while you create the sunflower seeds for the center of the flower.

## Group 3 - Flower 1 seeds

9. Locate 1 dark brown 6x6 round plate with a hole and 1 dark green 2x2 round plate with an axle hole. Attach the dark green 2x2 round plate with an axle hole centered on top of the dark brown 6x6 round plate with a hole.

Locate 24 dark brown 1x1 round plates. Attach them to the remaining studs on top of the dark brown 6x6 round plate with a hole and the 4 studs on top of the dark green 2x2 round plate with an axle hole. You have made the dark brown seeded center of the flower. Locate your flower and hold it upright. Attach the seed assembly, centered, to the top of the lime 2x2 round plate in the center top of the flower, at the topmost end of the light bluish gray 7L axle. You may pivot the two rows of flower petals farther out and down to make sure you have space to attach the seeds. When the seeds are attached, pivot the petals back up so the inner group of petals touches the edges of the dark brown 6x6 round plate and the outer petals touch the inner petals, to create the effect of a younger sunflower still opening.

Locate 1 dark green 32L axle. Hold it upright and connect it to the bottom hole of the dark green 3L axle connector on the bottom of the flower to make a stem. You have completed your first sunflower! Set it aside until you're ready to arrange your bouquet.

Flower 2 - Medium partially opened sunflower with curved stem (Book 1 page 15)

#### Group 4

1. Create the base of the flower. It is a medium partially opened sunflower like the first flower but with a slightly curved stem to create variation in the bouquet. Locate 1 light bluish gray 7L axle and 1 dark green 1x1 round tube with a 45 degree curve (shaped like a piece of macaroni). Hold both pieces upright and insert the bottom of the light bluish gray 7L axle into the top hole of the dark green round tube.

2. Locate 1 dark green 2x2 round plate with an axle hole. Line up the axle hole with the top of the light bluish gray 7L axle and slide it downwards until it touches the top of the dark green round tube.

3. Locate 1 dark green half barrel with 4 studs inside. It is a round bucket-shaped container about 3.5cm in diameter. With the studs facing up, line up the axle hole in the bottom of the barrel with the top of the light bluish gray 7L axle and slide it down the axle until you can connect it with the top of the previously placed piece.

4. Locate 2 black 2x2 round bricks with an axle hole. Slide them down the light bluish gray 7L axle in the same way as the previous pieces, connected one on top of the other. Set the flower base down for a moment.

5. Locate 1 2x2 light bluish gray round tile with a hole and 1 black 2x2 round plate with a bar frame. Attach the 2x2 light bluish gray round tile centered on top of the black 2x2 round plate with a bar frame. Pick up the flower base and hold it upright again. Slide the new assembly down the light bluish gray axle in the center of the flower base until you can connect it to the top black 2x2 round brick.

6. Assemble the outer row of sunflower petals. Set the base aside for a moment and locate 8 yellow 1L bars with a clip and 8 yellow 1x2 plates with a rounded leaf and open studs. The 1L yellow bar with a clip is a 1.5cm wrench shaped piece. Hold 1 yellow 1x2 plate with a rounded leaf horizontally so the plate is on the right and the leaf points left. Attach one yellow 1L bar with a clip into the rightmost open stud of the yellow 1x2 plate with a rounded leaf so the clip is upright and the arms of the clip face left and right. Slide the yellow 1L bar all the way through so the bar overhangs on the bottom and the clip overhangs on the top. Repeat with the remaining pieces until you have created a total of 8 petal assemblies.

Pick up the flower base and hold it upright. The black 2x2 round plate with a bar frame has 8 notches around the circle. Take one petal assembly, with the petal tip pointing up and attach the clip to one of the notches. Clip the remaining 7 petals to the other notches on the bar frame, with the petals pointing up and the clips pointing to the inside of the circle. The petals can now be pivoted slightly down and out to make space for the inner row of petals. Set the flower aside while you create the next row of petals.

7. Locate 8 yellow 1L bars with a clip and 8 yellow 1x2 plates with a rounded leaf and open studs. Create 8 petal assemblies as in the previous step. Hold 1 yellow 1x2 plate horizontally with the plate to the right and the rounded leaf to the left. Attach 1 yellow 1L bar with a clip into the rightmost open stud of the plate, sliding it all the way in with the bar pointing down and clip arms pointing left and right. Repeat with the remaining 7 petals.

Locate 1 black 2x2 round plate with a bar frame and 1 light bluish gray 2x2 round tile with a hole. Attach the light bluish gray 2x2 round tile with a hole centered on top of the black 2x2 round plate with a bar frame. Locate the 8 notches on the bar frame and attach the 8 petals you have just built by attaching each clip to a notch on the bar frame with the petal tips pointing up and the clip facing the inside of the circle.

Locate the flower base. Take the new row of petals you've just built and slide the center of the black 2x2 plate with a bar frame over the light bluish gray 7L axle in the center of the flower base. The petals of the new row should line up with the empty space between the petals of the first row. This row will sit on top of the previous row but will not connect.

#### Group 5

8. Build the center of the flower. Locate 2 lime 2x2 plates with an axle hole. Slide them onto the light bluish gray 7L axle, one on top of the other. Set the flower aside while you create the seeds for the center of the flower

#### Group 6

9. Locate 1 dark green 2x2 round plate and 1 dark brown 6x6 round plate. Attach the dark green 2x2 round plate to the center top of the dark brown 6x6 round plate. Locate 24 dark brown 1x1 round plates and attach them to the remaining studs on top of the dark brown 6x6 round plate and the four studs on top of the dark green 2x2 round plate. Pick up the flower and hold it upright. Make sure the petals are pivoted a bit out and down to give you room to attach the seeds. Attach the dark brown 6x6 round plate to the top of the lime 2x2 round plate on top of the flower, at the top end of the light bluish gray 7L axle. Pivot the inner row of petals slightly back inwards until they touch the edge of the dark brown 6x6 round plate and pivot the outer row of petals so they touch the inner row of petals, to create the effect of a young sunflower not fully open.

10. Locate 1 dark green 32L axle. Connect it to the bottom hole of the dark green 1x1 curved tube at the bottom of the flower to create a stem. You have completed this sunflower! Set it aside until it's time to arrange the bouquet.

Flower 3 - Large sunflower with curved stem (Book 1 Page 20)

#### Group 7

1. Create the base of a large sunflower. Locate 1 black 8L axle and 1 dark green 1x1 tube with a 45 degree curve (macaroni shaped). Hold both pieces upright and insert the black 8L axle into the top hole of the dark green 1x1 curved tube.

2. Locate 1 dark green 2x2 round plate with 4 pointed leaves and an axle hole. With the studs pointing up and leaves pointing down, line up the axle hole of the dark green 2x2 round plate with leaves with the top of the black 8L axle. Slide the dark green 2x2 round plate with leaves down the black 8L axle until it touches the top of the dark green 1x1 curved tube.

3. Locate 1 dark green half barrel with 4 studs inside. Line up the axle hole on the center bottom of the dark green half barrel with the black 8L axle and slide the dark green half barrel down the axle until it connects with the previously placed piece.

4. Locate 1 tan 2x2 round brick with an axle hole and slide the axle hole down the black 8L axle in the same way as the ppp until it connects with the studs inside the dark green half barrel.

5. Locate 1 dark green steering wheel with a 2x2 round plate and axle hole in the center. Line up the axle hole in the center of the dark green steering wheel with the top of the black 8L axle, keeping the studs of the dark green steering wheel facing up. Slide the dark green steering wheel down the black 8L axle until it connects with the ppp.

Locate 1 light bluish gray 2x2 round tile with a hole and slide it down the black 8L axle in the same way as the ppp until it connects to the studs in the center of the dark green steering wheel. Set this assembly aside while you assemble some sunflower petals.

6. Locate 2 yellow 1x2 plates with a clip and 2 yellow 1x2 plates with a rounded leaf and open studs. Hold a yellow 1x2 plate with a clip horizontally with the clip pointing to the left and attach the one yellow 1x2 plate with a rounded leaf on top the yellow 1x2 plate with a clip, with the leaf pointing to the right. Both studs on both pieces should connect, with the clip overhanging to the left and the rounded leaf overhanging to the right. Repeat with the other two pieces to make a second petal.

Pick up your flower base and hold it upright. The dark green steering wheel you attached earlier has two smooth arms between the center plate and the outer bar, align the flower so the steering wheel arms point left and right. Clip one petal horizontally to the bar of the dark green steering wheel on the right side. Clip the other petal horizontally facing the opposite way to the left side of the steering wheel.

7. Locate 12 yellow 1x2 plates with a clip and 12 1x2 plates with a rounded leaf and open studs. Create 12 more petals by connecting these pieces to each other as you did in step 6, with each 1x2 yellow plate with a rounded leaf on top of a yellow 1x2 plate with a clip and the leaf and clip overhanging in opposite directions.. Clip 6 petals, evenly spaced, on the rear side of the dark green steering wheel as you did with the first two petals, with the clips pointed towards the inside of the circle and the petals pointed out. Finish filling in the other half of the steering wheel by clipping the remaining 6 petals on the front side of the circle in the same way. Set the flower aside while you assemble the next row of petals.

8. Locate 1 dark green steering wheel with a 2x2 plate in the center, 2 yellow 1x2 plates with a rounded leaf and open studs, and 2 yellow 1x2 plates with a clip. Assemble two petals as in previous steps, with the yellow leaf plate on top of the yellow clip plate and the leaf and clip overhanging in opposite directions.

Hold the dark green steering wheel so the arms between the plate and bar are pointing left and right. Clip the 2 petals horizontally to the left and right side of the bar on the dark green steering wheel. Pick up your flower and orient it so that the arms on the first steering wheel are pointed to the left and right. Hold the second row of petals so that the steering wheel arms and two petals are pointed to the front and rear and line up the axle hole in the center of your new petal row with the black 8L axle in the center of the flower. Slide the new petals down to sit on top of the first row of petals. The new petals should not line up perfectly with the first row but instead should be centered over the empty spaces between the first set of petals so they overlap by half; this may require some careful adjustment of the petal positions on the steering wheels. You can gently pivot the first row of petals downwards for more space to work. Set the flower down while you create the rest of the petals for this flower.

9. Locate 12 yellow 1x2 plates with a clip and 12 yellow 1x2 plates with a rounded leaf and open studs. Create 12 more petals as in previous steps, with a yellow leaf plate on top of a yellow clip plate and the leaf and clip overhanging in opposite directions. Pick up the flower with the top two petals pointed front and rear and clip 6 new petals horizontally, evenly spaced, to the left side of the steering wheel bar and 6 petals horizontally to the right side of the steering wheel bar. Make sure the petals are pivoted flat or slightly down before moving on to attach the center of the flower.

10. Locate 2 lime 2x2 round plates with an axle hole. Line up the axle hole of 1 lime 2x2 round plate with the top of the black 8L axle in the center of the flower and slide the lime 2x2 round plate down the axle until it connects with the studs on the top steering wheel. Connect the second lime 2x2 plate to the top of the first one in the same way.

11. Locate 1 black 2x2x2/3 brick with ribbed edges and an axle hole. Line up the axle hole with the top of the black 8L axle in the center of the flower and slide the black 2x2x2/3 brick down the axle until it connects with the top lime 2x2 round plate. Set the flower aside while you create the seeds for the center of the flower.

12. Locate 1 dark brown 8x8 round plate, 4 black 1x2 plates with rounded corners and open studs, and 32 dark brown 1x1 round plates. Lay the dark brown 8x8 round plate flat in front of you so the rows and columns with 8 studs point straight to the front, back, left and right. Connect 1 black 1x2 plate with rounded corners horizontally on the 3rd row from the back and 3rd and 4th studs from the left (it should be centered in this row). Connect 1 black 1x2 plate with rounded corners horizontally on the 3rd row from the front, on the 3rd and 4th stud from the left, centered horizontally in this row. Connect 1 black 1x2 plate with rounded corners vertically in the 3rd column from the left, centered on the 3rd and 4th studs from the front in this column. Connect the last black 1x2 plate with rounded corners vertically in the 3rd column from the right, centered on the 3rd and 4th studs from the front in this column. The black 1x2 plates with rounded corners should roughly form a frame around a 2x2 square in the center of the dark brown 8x8 round plate.

Attach 32 dark brown 1x1 round plates to the studs on the dark brown 8x8 round plate that are outside of the black frame you just created. Do not add any of the dark brown 1x1 round plates to the four studs in the center of the dark brown 8x8 round plate or on top of the black 1x2 plates with rounded corners.

Pick up the flower. Line up the bottom of the hole in the center of the dark brown 8x8 round plate with the top of the black 8L axle in the center of the flower and slide the seeds slightly down the axle until the dark brown 8x8 round plate connects on top of the black 2x2x2/3 brick.

Group 8 - final seeds and stem of Flower 3

13. Locate 1 black 2x2 round plate with axle hole. Center it on top of the flower, lining up the axle hole with the top of the black 8L axle in the center of the flower and attach it to the top center of the dark brown 8x8 round plate. It will fill in the center of the frame of black 1x2 plates with rounded corners.

14. Locate 12 dark brown 1x1 round plates. Attach them to the top of the previously placed black 2x2 round plate and the 4 black 1x2 plates with rounded corners that frame it, to create raised seeds in the center. Set the flower aside while you make the stem.

15. Locate 1 dark green 32L axle and 1 dark green 3L axle connector. Hold both upright and insert the bottom of the dark green 32L axle into the top of the dark green 3L axle connector.

Locate 6 dark green 5L axle connectors. Hold one dark green axle connector upright with the smooth end up and line up the bottom of this piece with the top of the dark green 32L axle. Slide the dark green 5L axle connector down the axle until it touches the piece at the bottom. Repeat with the remaining 5 dark green 5L axle connectors until most of the dark green 32L axle is covered, to create a wider stem for your sunflower.

Pick up your flower and locate the bottom of the dark green tube underneath the base of the flower. Attach the tube to the top of the dark green 32L axle to finish this sunflower. If you pivoted the petals down while you built, gently pivot them back up until the top row of petals touch the dark brown 8x8 round plate and the bottom row of petals touch the bottom of the top petal row.

You have finished a very large impressive sunflower that is very impactful next to the medium flowers! Set it aside until you're ready to arrange the bouquet.

Eucalyptus with seeds x2 (Book 1 page 30),

## Group 9

1. Build two identical eucalyptus branches. The printed instructions describe the construction of one branch. Build one branch up to step 10 and then repeat those steps to build a second identical branch before moving on to add the stems.

Locate 1 light bluish gray 3L axle and 1 dark tan angled 3L axle connector with a pin hole in the center. Hold the dark tan angled 3L axle connector with a pin hole horizontally in front of you, with the pin hole facing up and down and the sides pointed right and left, angled so the ends are pointed slightly towards the front and the center pin points slightly to the back. Insert the light bluish gray 3L axle horizontally into the left axle hole.

2. Locate 1 dark tan 1L axle connector with two bar holders. Hold this piece horizontally so the axle holes are on the right and left and the bar holders point up and down. Slide it from the left onto the light bluish gray 3L axle until it touches the ppp.

Locate 1 dark tan 3L angled axle connector with pin connector in the center. Hold this piece horizontally so the pin holes are up and down and the axle holes are on the left and right, ends slightly angled to the front. Slide the right axle hole of this piece onto the light bluish gray 3L axle from the left until it touches the ppp.

3. Locate 1 light bluish gray 3L axle and connect it horizontally in the leftmost axle hole of the ppp.

Locate 1 dark tan 1L axle connector with bar connectors and hold it so the axle holes face left and right and the bar holes face up and down. Slide the rightmost axle hole of this piece onto the left side of the previously placed light bluish gray 3L axle until it touches the next piece on the light bluish gray 3L axle.

4. Locate 1 sand green 3L axle connector. Attach the right side of the sand green 3L axle connector horizontally to the light bluish gray axle on the leftmost side of the branch.

Locate 1 light bluish gray 3L axle and attach it to the leftmost axle hole of the previously placed piece.

5. Locate 1 dark tan 1L axle connector with bar connectors, hold it so the axle holes point left and right and the bar holes point up and down. Place the rightmost axle hole onto the previously placed light bluish gray 3L axle from the left and slide the piece right until it touches the sand green 3L axle connector. Set the branch aside while you create the first eucalyptus leaves.

6. Locate 1 tan 1x2 hinge plate and 1 sand green 1x2 hinge cylinder (ridged cylinder with one narrow side and one side with an axle hole). These pieces will connect together like a hinge. Hold the tan 1x2 hinge plate horizontally with the hinge end pointed right, and hold the sand green 1x2 hinge cylinder horizontally to the right of the ppp with the axle hole pointed right and the narrow end pointing left. The leftmost side of the piece is a narrow rectangular shape, rotate the piece towards or away from you so that the rectangle is vertically upright. Clip this end of the piece into the right side of the tan 1x2 hinge plate. The cylinder can now pivot on the hinge but it locks into several positions with a click rather than pivoting smoothly.

Locate 1 sand green 1x2 plate with a rounded leaf. Attach the two studs of this piece horizontally on top of the two studs of the tan 1x2 hinge plate, with the leaf pointed to the left.

Pick up the branch and place it in front of you so the light gray 3L axle points left and rotate it 90 degrees towards you so the bar and pin holes point front and back. The piece should be arched up in the center like a hill. Pick up the branch and attach the axle hole on the right side of the leaf assembly to the light bluish gray 3L axle on the left side of the branch. The diagram shows the hinge of the leaf assembly pivoted one click down so the leaf gently continues the curve of the branch.

7. Set the branch down horizontally in front of you with the leaf pointed left. Locate 2 light bluish gray T bars. Hold one of these pieces with one bar pointed left and the other two bars pointed front and back, attach it to the back of the branch by connecting its frontmost bar to the 2nd bar hole from the left. Twist the piece slightly so the left pointing bar is angled 45 degrees upwards. Connect the other piece in the same way to the front of the branch in the 3rd bar hole from the left (this will be a bar hole that extends slightly from the front, skip the flatter pin hole that comes before it). Twist the piece so that the left-pointing bar is angled 45 degrees up. Set the branch aside while you make some leaves out of unconventional pieces.

8. Locate 2 sand green shields with a clip on the back (these are tear-drop shaped pieces about 3cm long) and 2 sand green spear guns (skinny rifle shaped pieces about 4cm long). Place 1 sand green shield horizontally on your work surface with the handle facing up and the narrow end pointing left. Hold 1 sand green spear gun horizontally with the narrow spear end facing left and the handle pointed to the back and slide the spear tip into the right side of the handle of the sand green shield until it reaches the end of the shield. It must be slid on far enough that the spear tip is all the way through the shield handle and shield handle grips the gun barrel but not so far that the spear overhangs the tip of the leaf. Repeat the leaf assembly process with the other sand green shield and sand green spear gun to create a second leaf.

Flip the leaves over so the flat side of the shield is on top and the handle points to the front. Pick up the branch and hold it with the leaf on the left and the bar holes on the front and back, with the branch arching up like a hill. Attach the handle of one leaf to the back of the branch in the first bar hole on the left. Attach the other handle to the back of the branch in the third bar hole from the left (skip the flatter pin hole to find the bar hole that protrudes from the back). Set the branch down to assemble two more leaves.

9. Locate 2 sand green shields and 2 sand green spear guns. Assemble two leaves in the same way as the last step, but this time point the handle to the front when you insert the gun into the shield. Flip them after assembling so the flat part of the shield faces up and the handle now points to the back. Pick up the branch in the same orientation as before and insert the handle of one of these leaf assemblies into the first bar hole on the left on the front of the branch. Insert the other handle into the second bar hole from the left on the front of the branch. Set the branch down while you make some seed clusters.

10. Locate 2 sand green 4x3 plant leaves pieces (a branch like piece with open studs on each end and 4 additional holes branching off the center) and 4 plant flower stems with a bar on the bottom (this piece has three thin angled branches sticking up from the center). Place one sand green 4x3 plant leaves horizontally with the stems pointing to the left. Insert the bottom bar of a flower stem piece into the leftmost open stud. Insert another flower stem piece in the second hole to the right of the previously placed stem. Repeat with the other sand green plant leaves piece and 2 plant flower stems to make an identical part.

Locate 12 tan cherries. Attach the cherries to the flower stems on both parts by connecting the pin hole where the cherry stems meet to the top of the stem. The cherries are oriented somewhat randomly to create a messy seed cluster, there is not a specific direction they should point. Text reads "LEGO cherry elements have gone undercover in a new color to serve as seeds here".

Pick up the branch in the same orientation as before. Locate the light bluish gray T bar on the center back of the branch and slide the rightmost open stud of one sand green 4x3 plant leaves over the bar that you previously angled 45 degrees upwards. The sand green 4x3 plant leaves should be angled similarly to the existing leaves on this side. Repeat with the other seed cluster on the angled bar of the light bluish gray T bar on the front of the branch. Set the branch aside while you assemble the second duplicate branch.

Repeat steps 1-10 to build the second branch before you move on to the stem. The steps are repeated below, or skip to Group 10 to move on to the stem.

Group 9 continued - second Eucalyptus branch with seeds

1. Build the second eucalyptus branch. Locate 1 light bluish gray 3L axle and 1 dark tan angled 3L axle connector with a pin hole in the center. Hold the dark tan angled 3L axle connector with a pin hole horizontally in front of you, with the pin hole facing up and down and the sides pointed right and left, angled so the ends are pointed slightly towards the front and the center pin points slightly to the back. Insert the light bluish gray 3L axle horizontally into the left axle hole.

2. Locate 1 dark tan 1L axle connector with two bar holders. Hold this piece horizontally so the axle holes are on the right and left and the bar holders point up and down. Slide it from the left onto the light bluish gray 3L axle until it touches the ppp.

Locate 1 dark tan 3L angled axle connector with pin connector in the center. Hold this piece horizontally so the pin holes are up and down and the axle holes are on the left and right, ends slightly angled to the front. Slide the right axle hole of this piece onto the light bluish gray 3L axle from the left until it touches the ppp.

3. Locate 1 light bluish gray 3L axle and connect it horizontally in the leftmost axle hole of the ppp.

Locate 1 dark tan 1L axle connector with bar connectors and hold it so the axle holes face left and right and the bar holes face up and down. Slide the rightmost axle hole of this piece onto the left side of the previously placed light bluish gray 3L axle until it touches the next piece on the light bluish gray 3L axle.

4. Locate 1 sand green 3L axle connector. Attach the right side of the sand green 3L axle connector horizontally to the light bluish gray axle on the leftmost side of the branch.

Locate 1 light bluish gray 3L axle and attach it to the leftmost axle hole of the previously placed piece.

5. Locate 1 dark tan 1L axle connector with bar connectors, hold it so the axle holes point left and right and the bar holes point up and down. Place the rightmost axle hole onto the previously placed light bluish gray 3L axle from the left and slide the piece right until it touches the sand green 3L axle connector. Set the branch aside while you create the first eucalyptus leaves.

6. Locate 1 tan 1x2 hinge plate and 1 sand green 1x2 hinge cylinder (ridged cylinder with one narrow side and one side with an axle hole). These pieces will connect together like a hinge. Hold the tan 1x2 hinge plate horizontally with the hinge end pointed right, and hold the sand green 1x2 hinge cylinder horizontally to the right of the ppp with the axle hole pointed right and the narrow end pointing left. The leftmost side of the piece is a narrow rectangular shape, rotate the piece towards or away from you so that the rectangle is vertically upright. Clip this end of the piece into the right side of the tan 1x2 hinge plate. The cylinder can now pivot on the hinge but it locks into several positions with a click rather than pivoting smoothly.

Locate 1 sand green 1x2 plate with a rounded leaf. Attach the two studs of this piece horizontally on top of the two studs of the tan 1x2 hinge plate, with the leaf pointed to the left.

Pick up the branch and place it in front of you so the light gray 3L axle points left and rotate it 90 degrees towards you so the bar and pin holes point front and back. The piece should be arched up in the center like a hill. Pick up the branch and attach the axle hole on the right side of the leaf assembly to the light bluish gray 3L axle on the left side of the branch. The diagram shows the hinge of the leaf assembly pivoted one click down so the leaf gently continues the curve of the branch.

7. Set the branch down horizontally in front of you with the leaf pointed left. Locate 2 light bluish gray T bars. Hold one of these pieces with one bar pointed left and the other two bars pointed front and back, attach it to the back of the branch by connecting its frontmost bar to the 2nd bar hole from the left. Twist the piece slightly so the left pointing bar is angled 45 degrees upwards. Connect the other piece in the same way to the front of the branch in the 3rd bar hole from the left (this will be a bar hole that extends slightly from the front, skip the flatter pin hole that comes before it). Twist the piece so that the left-pointing bar is angled 45 degrees up. Set the branch aside while you make some leaves out of unconventional pieces.

8. Locate 2 sand green shields with a clip on the back (these are tear-drop shaped pieces about 3cm long) and 2 sand green spear guns (skinny rifle shaped pieces about 4cm long). Place 1 sand green shield horizontally on your work surface with the handle facing up and the narrow end pointing left. Hold 1 sand green spear gun horizontally with the narrow spear end facing left and the handle pointed to the back and slide the spear tip into the right side of the handle of the sand green shield until it reaches the end of the shield. It must be slid on far enough that the spear tip is all the way through the shield handle and shield handle grips the gun barrel but not so far that the spear overhangs the tip of the leaf. Repeat the leaf assembly process with the other sand green shield and sand green spear gun to create a second leaf.

Flip the leaves over so the flat side of the shield is on top and the handle points to the front. Pick up the branch and hold it with the leaf on the left and the bar holes on the front and back, with the branch arching up like a hill. Attach the handle of one leaf to the back of the branch in the first bar hole on the left. Attach the other handle to the back of the branch in the third bar hole from the left (skip the flatter pin hole to find the bar hole that protrudes from the back). Set the branch down to assemble two more leaves.

9. Locate 2 sand green shields and 2 sand green spear guns. Assemble two leaves in the same way as the last step, but this time point the handle to the front when you insert the gun into the shield. Flip them after assembling so the flat part of the shield faces up and the handle now points to the back. Pick up the branch in the same orientation as before and insert the handle of one of these leaf assemblies into the first bar hole on the left on the front of the branch. Insert the other handle into the second bar hole from the left on the front of the branch. Set the branch down while you make some seed clusters.

10. Locate 2 sand green 4x3 plant leaves pieces (a branch like piece with open studs on each end and 4 additional holes branching off the center) and 4 plant flower stems with a bar on the bottom (this piece has three thin angled branches sticking up from the center). Place one sand green 4x3 plant leaves horizontally with the stems pointing to the left. Insert the bottom bar of a flower stem piece into the leftmost open stud. Insert another flower stem piece in the second hole to the right of the previously placed stem. Repeat with the other sand green plant leaves piece and 2 plant flower stems to make an identical part.

Locate 12 tan cherries. Attach the cherries to the flower stems on both parts by connecting the pin hole where the cherry stems meet to the top of the stem. The cherries are oriented somewhat randomly to create a messy seed cluster, there is not a specific direction they should point. Text reads "LEGO cherry elements have gone undercover in a new color to serve as seeds here".

Pick up the branch in the same orientation as before. Locate the light bluish gray T bar on the center back of the branch and slide the rightmost open stud of one sand green 4x3 plant leaves over the bar that you previously angled 45 degrees upwards. The sand green 4x3 plant leaves should be angled similarly to the existing leaves on this side. Repeat with the other seed cluster on the angled bar of the light bluish gray T bar on the front of the branch. Set the branch aside while you assemble the stems.

#### Group 10 - Eucalyptus stems

11. Build 2 identical eucalyptus stems. Locate 8 red 2L notched axles and 8 dark tan 3L axle connectors. Hold 1 dark tan 3L axle connector upright and insert 1 red 2L notched axle upright into the top axle hole. Connect another dark tan 3L axle connector to the top of the red 2L notched axle, followed by another red 2L notched axle in the top of the top dark tan 3L axle connector. Continue this pattern until you have assembled a stem that is 8 axle connectors high with a red 2L notched axle end sticking out of the top. Connect these pieces firmly so there are no gaps between the axle connectors. Set this stem down while you build an identical stem.

Locate 8 more red 2L notched axles and 8 dark tan 3L axle connectors. Build a second stem in the same way as the first.

Pick up 1 eucalyptus branch with the leaves pointing left, the seeds on the top and an open axle hole on the right. Connect the axle hole to the red 2L notched axle sticking out of the top of the stem you just built. Your eucalyptus branch is finished! Pick up the second stem and eucalyptus branch and connect in the same way to complete the other branch.

Place the eucalyptus branches in a vase with the sunflowers you've already built to create a lovely small bouquet, or set them aside to create a fuller arrangement with the other flowers and eucalyptus from the second instruction book. When you arrange the bouquet of either size keep in mind that the large sunflowers are top heavy and you may want to use a heavy vase or add weight to the bottom of the vase to keep it safe when it's displayed.

#### Book 2

#### Flower 4 - Medium sunflower with curved stem (Book 2 page 2)

#### Group 11

1. Create the base of the flower. This flower is identical to Flower 2 from book 1 and is assembled in the same way.

1. Create the base of the flower. It is a medium partially opened sunflower like the first flower but with a slightly curved stem to create variation in the bouquet. Locate 1 light bluish gray 7L axle and 1 dark green 1x1 round tube with a 45 degree curve (shaped like a piece of macaroni). Hold both pieces upright and insert the bottom of the light bluish gray 7L axle into the top hole of the dark green round tube.

2. Locate 1 dark green 2x2 round plate with an axle hole. Line up the axle hole with the top of the light bluish gray 7L axle and slide it downwards until it touches the top of the dark green round tube.

3. Locate 1 dark green half barrel with 4 studs inside. It is a round bucket-shaped container about 3.5cm in diameter. With the studs facing up, line up the axle hole in the bottom of the barrel with the top of the light bluish gray 7L axle and slide it down the axle until you can connect it with the top of the previously placed piece.

4. Locate 2 black 2x2 round bricks with an axle hole. Slide them down the light bluish gray 7L axle in the same way as the previous pieces, connected one on top of the other. Set the flower base down for a moment.

5. Locate 1 2x2 light bluish gray round tile with a hole and 1 black 2x2 round plate with a bar frame. Attach the 2x2 light bluish gray round tile centered on top of the black 2x2 round plate with a bar frame. Pick up the flower base and hold it upright again. Slide the new assembly down the light bluish gray axle in the center of the flower base until you can connect it to the top black 2x2 round brick.

6. Assemble the outer row of sunflower petals. Set the base aside for a moment and locate 8 yellow 1L bars with a clip and 8 yellow 1x2 plates with a rounded leaf and open studs. The 1L yellow bar with a clip is a 1.5cm wrench shaped piece. Hold 1 yellow 1x2 plate with a rounded leaf horizontally so the plate is on the right and the leaf points left. Attach one yellow 1L bar with a clip into the rightmost open stud of the yellow 1x2 plate with a rounded leaf so the clip is upright and the arms of the clip face left and right. Slide the yellow 1L bar all the way through so the bar overhangs on the bottom and the clip overhangs on the top. Repeat with the remaining pieces until you have created a total of 8 petal assemblies.

Pick up the flower base and hold it upright. The black 2x2 round plate with a bar frame has 8 notches around the circle. Take one petal assembly, with the petal tip pointing up and attach the clip to one of the notches. Clip the remaining 7 petals to the other notches on the bar frame, with the petals pointing up and the clips pointing to the inside of the circle. The petals can now be pivoted slightly down and out to make space for the inner row of petals. Set the flower aside while you create the next row of petals.

7. Locate 8 yellow 1L bars with a clip and 8 yellow 1x2 plates with a rounded leaf and open studs. Create 8 petal assemblies as in the previous step. Hold 1 yellow 1x2 plate horizontally with the plate to the right and the rounded leaf to the left. Attach 1 yellow 1L bar with a clip into the rightmost open stud of the plate, sliding it all the way in with the bar pointing down and clip arms pointing left and right. Repeat with the remaining 7 petals.

Locate 1 black 2x2 round plate with a bar frame and 1 light bluish gray 2x2 round tile with a hole. Attach the light bluish gray 2x2 round tile with a hole centered on top of the black 2x2 round plate with a bar frame. Locate the 8 notches on the bar frame and attach the 8 petals you have just built by attaching each clip to a notch on the bar frame with the petal tips pointing up and the clip facing the inside of the circle.

Locate the flower base. Take the new row of petals you've just built and slide the center of the black 2x2 plate with a bar frame over the light bluish gray 7L axle in the center of the flower base. The petals of the new row should line up with the empty space between the petals of the first row. This row will sit on top of the previous row but will not connect.

Group 12

8. Build the center of the flower. Locate 2 lime 2x2 plates with an axle hole. Slide them onto the light bluish gray 7L axle, one on top of the other. Set the flower aside while you create the seeds for the center of the flower

#### Group 13

9. Locate 1 dark green 2x2 round plate and 1 dark brown 6x6 round plate. Attach the dark green 2x2 round plate to the center top of the dark brown 6x6 round plate. Locate 24 dark brown 1x1 round plates and attach them to the remaining studs on top of the dark brown 6x6 round plate and the four studs on top of the dark green 2x2 round plate. Pick up the flower and hold it upright. Make sure the petals are pivoted a bit out and down to give you room to attach the seeds. Attach the dark brown 6x6 round plate to the top of the lime 2x2 round plate on top of the flower, at the top end of the light bluish gray 7L axle. Pivot the inner row of petals slightly back inwards until they touch the edge of the dark brown 6x6 round plate and pivot the outer row of petals so they touch the inner row of petals, to create the effect of a young sunflower not fully open.

10. Locate 1 dark green 32L axle. Connect it to the bottom hole of the dark green 1x1 curved tube at the bottom of the flower to create a stem. You have completed this sunflower! Set it aside until it's time to arrange the bouquet.

Flower 5 - small sunflower bud (Book 2 page 8)

#### Group 14

1. Build a small sunflower bud. Locate 1 yellow 5L axle and 1 dark green curved 1x1 tube. Hold both pieces upright and connect the bottom of the yellow 5L axle into the top of the dark green curved 1x1 tube.

2. Locate 1 dark green 2x2 round plate with an axle hole. Slide it over the top of the yellow 5L axle until it touches the top of the dark green curved tube.

3. Locate 1 dark green half barrel and slide it over the top of the yellow 5L axle until it connects with the top of the dark green 2x2 round plate.

4. Locate 1 black 2x2 round brick and slide it over the yellow 5L axle until it connects with the studs inside the dark green half barrel.

5. Locate 1 dark green steering wheel with 2x2 plate in the center and an axle hole. Slide the axle hole down the yellow 5L axle until it connects with the black 2x2 round brick.

#### Group 15

6. Locate 2 lime 2x2 round plates with an axle hole. Slide them down the yellow 5L axle, one on top of the other. Set the base aside for a moment while you assemble the center of the flower.

#### Group 16

7. Locate 1 dark green 2x2 round plate and 1 black 2x2 round plate with a bar frame. Connect the dark green 2x2 round plate centered on top of the black 2x2 round plate with a bar frame. Locate 1 dark brown 2x2 dome top round brick (half sphere shaped piece with a stud on the center top) and connect it, centered, on top of the dark green 2x2 round plate. Pick up the flower base and connect the new assembly, centered on the top lime 2x2 round plate. Set the flower base aside while you assemble some small petals.

8. Locate 4 yellow 1x1 round plates with open studs and 4 yellow 1L bars with a clip. Hold one yellow 1L bar with a clip upright with the clip pointing down and 1 yellow 1x1 round plate with open stud with the stud facing up. Line up the hole on the center bottom of the yellow 1x1 round plate with the top of the bar on the yellow 1L bar with a clip and slide the yellow 1x1 round plate down the bar until it touches the clip. The stud on the yellow round 1x1 plate should be facing up. Repeat this step with the other pieces until you have 4 of the same part.

Locate 4 yellow 1x1 round plates with a rounded leaf. The petals on this flower are smaller than all of the other flowers to convey petals just beginning to emerge. Slide the open stud of 1 yellow 1x1 round plate with a rounded leaf over the bar of one of the parts you just built until it connects with the yellow 1x1 round plate with an open stud. The arms of the clip on the bottom should point right and left and the leaf should point to the right. Repeat with the remaining parts until you have 4 petals.

Pick up the flower base and locate the black 2x2 round plate with a bar frame. Locate the round bar frame with 8 notches on it. Locate the notch on the back of the flower. Take one of your petals with the clip facing you and the leaf pointing up and from the back of the flower connect it to the rear notch on the bar frame. Skip one notch and add another petal in the same way, with the clip facing the inside of the circle and the petal facing up. Continue the alternating pattern of notch and petal part until you have all four petal parts clipped on. These petals will be pivoted inwards over the dark brown 2x2 dome brick to convey that the flower hasn't opened yet. Set your flower aside while you make more petals.

9. Create 4 more petals with additional leaves on them. These are assembled differently than the first set of petals. Locate 4 yellow 1L bars with a clip and 4 yellow 1x1 round plates with a rounded leaf. Hold one yellow 1L bar with a clip upright with the clip facing down and the arms of the clip facing left and right. Hold 1 yellow 1x1 round plate with a rounded leaf upright with the leaf pointed right. Locate the hole on the bottom of the stud of the yellow 1x1 round plate with a rounded leaf and slide it down over the top of the bar until it rests on top of the clip. Make 3 more of these parts with the remaining pieces.

Locate 4 yellow 1x1 round plates with three leaves. Connect one horizontally to the top of each new petal part with the leaves pointing right, lined up with the previous petal, to create what looks like a cluster of small emerging yellow petals..

Pick up your flower and locate the remaining notches on the frame of the black 2x2 round plate with a bar frame. Clip the new petal pieces on with the petal tip pointing up and the clip facing the inside of the circle. The new petals should alternate on the bar with the petals you already attached. Pivot the petals inwards over the dark brown 2x2 dome top brick to create a bud shape. Set the flower aside for a moment while you build some diamond shaped leaves for the outside of the bud.

10. Locate 6 black 1x1 round plates with a clip on the bottom and 6 dark green 2x2 curved sloped tiles with a stud in one corner. The instructions state "This LEGO tile, originally used as a roof corner brick, adds to the authentic look of the sunflower bud".

Pick up one dark green 2x2 curved sloped tile and hold it flat with the corner with a stud on top pointed center front. The tile will slope up slightly towards the center back. Attach 1 black 1x1 round plate with a clip to the bottom of the stud corner of the dark green 2x2 curved sloped tile, with the clip arms facing front and back. Repeat to make 5 more of these parts.

Pick up the flower and install the leaf parts. Locate the dark green steering wheel that sits above the dark green half barrel. Clip each leaf on around the steering wheel bar with the stud corner at the bottom and the stud facing the outside of the circle, evenly spacing them around the circle with the clips facing the center of the circle. These will be diamond shaped leaves around the budding flower petals. Set the flower down to assemble some smaller leaves to create a more solid layer of leaves around the bud.

#### Group 17

11. Locate 6 dark brown 1x1 round plates, 6 black 1x1 round plates with a clip on the bottom, and 6 dark green 1x1 round plates with 3 leaves. Attach 1 dark brown 1x1 round plate to the top of a black 1x1 round plate with a clip on the bottom. Hold the part so the clip arms face left and right and attach 1 dark green 1x1 round plate with 3 leaves to the top of the part with the leaves pointing left. Repeat with the remaining parts to create 5 more leaf pieces.

Pick up the flower and clip the new leaves to the dark green steering wheel, alternating with the leaves you attached in the previous step. The clips should face the center of the circle and the leaves should point up. These leaves will slightly overlap the diamond shaped leaves.

12. Locate 1 dark green 32L axle. Attach the dark green curved tube on the bottom of the flower to the top of the dark green 32L axle. Your flower bud is complete! Set it aside until you're ready to arrange your bouquet.

#### Flower 6 - Large sunflower with curved stem (Book 2 Page 13)

#### Group 18

1. Create the base of a large sunflower. This sunflower is identical to Flower 3 from Book 1 and is built the same way. Locate 1 black 8L axle and 1 dark green 1x1 tube with a 45 degree curve (macaroni shaped). Hold both pieces upright and insert the black 8L axle into the top hole of the dark green 1x1 curved tube.

2. Locate 1 dark green 2x2 round plate with 4 pointed leaves and an axle hole. With the studs pointing up and leaves pointing down, line up the axle hole of the dark green 2x2 round plate with leaves with the top of the black 8L axle. Slide the dark green 2x2 round plate with leaves down the black 8L axle until it touches the top of the dark green 1x1 curved tube.

3. Locate 1 dark green half barrel with 4 studs inside. Line up the axle hole on the center bottom of the dark green half barrel with the black 8L axle and slide the dark green half barrel down the axle until it connects with the previously placed piece.

4. Locate 1 tan 2x2 round brick with an axle hole and slide the axle hole down the black 8L axle in the same way as the ppp until it connects with the studs inside the dark green half barrel.

5. Locate 1 dark green steering wheel with a 2x2 round plate and axle hole in the center. Line up the axle hole in the center of the dark green steering wheel with the top of the black 8L axle, keeping the studs of the dark green steering wheel facing up. Slide the dark green steering wheel down the black 8L axle until it connects with the ppp.

Locate 1 light bluish gray 2x2 round tile with a hole and slide it down the black 8L axle in the same way as the ppp until it connects to the studs in the center of the dark green steering wheel. Set this assembly aside while you assemble some sunflower petals.

6. Locate 2 yellow 1x2 plates with a clip and 2 yellow 1x2 plates with a rounded leaf and open studs. Hold a yellow 1x2 plate with a clip horizontally with the clip pointing to the left and attach the one yellow 1x2 plate with a rounded leaf on top the yellow 1x2 plate with a clip, with the leaf pointing to the right. Both studs on both pieces should connect, with the clip overhanging to the left and the rounded leaf overhanging to the right. Repeat with the other two pieces to make a second petal.

Pick up your flower base and hold it upright. The dark green steering wheel you attached earlier has two smooth arms between the center plate and the outer bar, align the flower so the steering wheel arms point left and right. Locate the dark green steering wheel on the flower base and clip one petal horizontally to the bar of the steering wheel on the left side. Clip the other petal horizontally facing the opposite way to the right side of the steering wheel.

7. Locate 12 yellow 1x2 plates with a clip and 12 1x2 plates with a rounded leaf and open studs. Create 12 more petals by connecting these pieces to each other as you did in step 6, with each 1x2 yellow plate with a rounded leaf on top of a yellow 1x2 plate with a clip and the leaf and clip overhanging in opposite directions.. Clip 6 petals horizontally, evenly spaced, on the rear half of the dark green steering wheel as you did with the first two petals, with the clips pointed towards the inside of the circle and the petals pointed out. Finish filling in the other half of the steering wheel by clipping the remaining 6 petals on the front side of the circle in the same way. Set the flower aside while you assemble the next row of petals.

8. Locate 1 dark green steering wheel with a 2x2 plate in the center, 2 yellow 1x2 plates with a rounded leaf and open studs, and 2 yellow 1x2 plates with a clip. Assemble two petals as in previous steps, with the yellow leaf plate on top of the yellow clip plate and the leaf and clip overhanging in opposite directions.

Hold the dark green steering wheel so the arms between the plate and bar are pointing left and right. Clip the 2 petals horizontally to the left and right side of the bar on the dark green steering wheel. Pick up your flower and orient it so that the arms on the first steering wheel are pointed to the left and right. Hold the second row of petals so that the steering wheel arms and two petals are pointed to the front and rear and line up the axle hole in the center of your new petal row with the black 8L axle in the center of the flower. Slide the new petals down to sit on top of the first row of petals. The new petals should not line up perfectly with the first row but instead should be centered over the empty spaces between the first set of petals so they overlap by half; this may require some careful adjustment of the petal positions on the steering wheels. You can gently pivot the first row of petals downwards for more space to work. Set the flower down while you create the rest of the petals for this flower.

9. Locate 12 yellow 1x2 plates with a clip and 12 yellow 1x2 plates with a rounded leaf and open studs. Create 12 more petals as in previous steps, with a yellow leaf plate on top of a yellow clip plate and the leaf and clip overhanging in opposite directions.

Pick up the flower with the top two petals pointed front and rear and clip 6 new petals horizontally, evenly spaced, to the left side of the steering wheel bar and 6 petals horizontally to the right side of the steering wheel bar. Make sure the petals are pivoted flat or slightly down before moving on to attach the center of the flower.

10. Locate 2 lime 2x2 round plates with an axle hole. Line up the axle hole of 1 lime 2x2 round plate with the top of the black 8L axle in the center of the flower and slide the lime 2x2 round plate down the axle until it connects with the studs on the top steering wheel. Connect the second lime 2x2 plate to the top of the first one in the same way.

11. Locate 1 black 2x2x2/3 brick with ribbed edges and an axle hole. Line up the axle hole with the top of the black 8L axle in the center of the flower and slide the black 2x2x2/3 brick down the axle until it connects with the top lime 2x2 round plate. Set the flower aside while you create the seeds for the center of the flower.

12. Locate 1 dark brown 8x8 round plate, 4 black 1x2 plates with rounded corners and open studs, and 32 dark brown 1x1 round plates. Lay the dark brown 8x8 round plate flat in front of you so the rows and columns with 8 studs point straight to the front, back, left and right. Connect 1 black 1x2 plate with rounded corners horizontally on the 3rd row from the back and 3rd and 4th studs from the left (it should be centered in this row). Connect 1 black 1x2 plate with rounded corners horizontally on the 3rd row from the front, on the 3rd and 4th stud from the left, centered horizontally in this row. Connect 1 black 1x2 plate with rounded corners vertically in the 3rd column from the left, centered on the 3rd and 4th studs from the front in this column. Connect the last black 1x2 plate with rounded corners vertically in the 3rd column from the right, centered on the 3rd and 4th studs from the front in this column. The 1x2 plates should roughly form a frame around a 2x2 square in the center of the dark brown 8x8 round plate.

Attach 32 dark brown 1x1 round plates to the studs on the dark brown 8x8 round plate that are outside of the black frame you just created. Do not add any of the dark brown 1x1 round plates to the four studs in the center of the dark brown 8x8 round plate or on top of the black 1x2 plates with rounded corners.

Pick up the flower. Line up the bottom of the hole in the center of the dark brown 8x8 round plate with the top of the black 8L axle in the center of the flower and slide the seeds down the axle until the dark brown 8x8 round plate connects on top of the black 2x2x2/3 brick.

Group 19 - Final seeds and stem of Flower 6

13. Locate 1 black 2x2 round plate with an axle hole. Center it on top of the flower, lining up the axle hole with the top of the black 8L axle in the center of the flower and attach it to the top center of the dark brown 8x8 round plate, resting in the middle of the frame of black 1x2 plates with rounded corners..

14. Locate 12 dark brown 1x1 round plates. Attach them to the top of the previously placed black 2x2 round plate and the 4 black 1x2 plates with rounded corners that frame it, to create raised seeds in the center. Set the flower aside while you make the stem.

15. Locate 1 dark green 32L axle and 1 dark green 3L axle connector. Hold both upright and insert the bottom of the dark green 32L axle into the top of the dark green 3L axle connector.

Locate 6 dark green 5L axle connectors. Hold one dark green axle connector upright with the smooth end up and line up the bottom of this piece with the top of the dark green 32L axle. Slide the dark green 5L axle connector down the axle until it touches the piece at the bottom. Repeat with the remaining 5 dark green 5L axle connectors until most of the dark green 32L axle is covered, to create a wider stem for your sunflower.

Pick up your flower and locate the bottom of the dark green tube underneath the base of the flower. Attach the tube to the top of the dark green 32L axle to finish this sunflower. If you have pivoted the petals down while you built, gently pivot them back up until the top row of petals touch the dark brown 8x8 round plate and the bottom row of petals touch the bottom of the top petal row.

You have finished a very large impressive sunflower that is very impactful next to the medium flowers! Set it aside until you're ready to arrange the bouquet.

Eucalyptus with round leaves x2 (Book 2, Page 21)

Group 20

1. Build two identical eucalyptus branches. The printed instructions describe the construction of one branch. Complete the first branch steps 1-6 and then repeat the steps with the rest of the parts from Group 20.

Locate 1 sand green 3L axle connector and 1 sand green curved bar with a 1L axle on one end and a 1x1 round plate near the other end. This piece is about 7cm long. Connect the sand green 3L axle connector to the axle end of the sand green curved bar. Lay this part in front of you horizontally with the axle connector on the right and the round 1x1 plate on the left with the stud facing up. The ends of the bar should point to the front and the center of the curve should point to the rear.

2. Locate 1 sand green 2x2 round tile and attach it to the top of the round 1x1 plate. Set the branch down for a moment while you assemble more leaves.

3. Locate 3 sand green 1x1 plates with a clip, 3 sand green 1x1 round plates, and 3 sand green 2x2 round tiles. Place 1 sand green 2x2 round tile upside down with the anti-stud facing up and the smooth side facing down. Connect 1 sand green 1x1 round plate, upside down, to the anti-stud. Connect 1 sand green 1x1 plate with a clip, upside down, to the ppp. Turn the part over and set it aside. Create two more identical parts in the same way.

Pick up the branch and clip these leaves, evenly spaced, to the rear of the branch, with the clip facing front and the smooth side of the leaf up. Set the branch down while you make two more leaves.

4. Locate 2 sand green 1x1 plates with a clip, 2 sand green 1x1 round plates, and 2 sand green 2x2 round tiles. Create two more leaves as in the previous step, by laying a sand green 2x2 round tile upside down, connecting a sand green 1x1 round plate, upside down, to the anti-stud, and connecting a sand green 1x1 plate with a clip upside down to the sand green 1x1 round plate.

Flip the leaves over so the smooth side is facing up and the clip is facing the rear and connect them to the front side of the branch, in the empty spaces between the three clips from the leaves on the back.

5. Locate 1 sand green 32L axle and connect it into the axle connector on the right side of the branch you've already built. Set the branch down while you create the bottom of the stem.

6. Locate 1 red 2L notched axle and 2 sand green 3L axle connectors. Connect the 2 sand green 3L axle connectors together by putting the red 2L notched axle in one end of each sand green 3L axle connector and pushing them together. Connect this part to the bottom of the sand green 32L axle on the bottom of your eucalyptus branch. You've finished a round leafed eucalyptus! Repeat these steps to create the second of these branches. The steps are repeated below.

Group 20 continued (second eucalyptus branch with round leaves)

1. Locate 1 sand green 3L axle connector and 1 sand green curved bar with a 1L axle on one end and a 1x1 round plate near the other end. This piece is about 7cm long. Connect the sand green 3L axle connector to the axle end of the sand green curved bar. Lay this part in front of you horizontally with the axle connector on the right and the round 1x1 plate on the left with the stud facing up. The ends of the bar should point to the front and the center of the curve should point to the rear.

2. Locate 1 sand green 2x2 round tile and attach it to the top of the round 1x1 plate. Set the branch down for a moment while you assemble more leaves.

3. Locate 3 sand green 1x1 plates with a clip, 3 sand green 1x1 round plates, and 3 sand green 2x2 round tiles. Place 1 sand green 2x2 round tile upside down with the anti-stud facing up and the smooth side facing down. Connect 1 sand green 1x1 plate, upside down, to the anti-stud. Connect 1 sand green 1x1 plate with a clip, upside down, to the ppp. Turn the part over and set it aside. Create two more identical parts in the same way.

Pick up the branch and clip these leaves, evenly spaced, to the rear of the branch, with the clip facing front and the smooth side of the leaf up. Set the branch down while you make two more leaves.

4. Locate 2 sand green 1x1 plates with a clip, 2 sand green 1x1 round plates, and 2 sand green 2x2 round tiles. Create two more leaves as in the previous step, by laying a sand green 2x2 round tile upside down, connecting a sand green 1x1 round plate, upside down, to the anti-stud, and connecting a sand green 1x1 plate with a clip upside down to the sand green 1x1 round plate.

Flip the leaves over so the smooth side is facing up and the clip is facing the rear and connect them to the front side of the branch, in the empty spaces between the three clips from the leaves on the back.

5. Locate 1 sand green 32L axle and connect it into the axle connector on the right side of the branch you've already built. Set the branch down while you create the bottom of the stem.

6. Locate 1 red 2L notched axle and 2 sand green 3L axle connectors. Connect the 2 sand green 3L axle connectors together by putting the red 2L notched axle in one end of each sand green 3L axle connector and pushing them together. Connect this part to the bottom of the sand green 32L axle on the bottom of your eucalyptus branch. You've finished the eucalyptus! This is the last stem in the instructions.

You've completed the sunflower bouquet! The flowers from both books can now be arranged together to create a large cheerful bouquet. The height of the flower stems can be adjusted by removing axle connectors from the base of the stem of some of the flowers, or adding axle connectors to stems that do not already have one.

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