10309 Succulents

Adapted by Jordi Isus. Tested by Natalie Charbonneau.

Succulents are a popular way to introduce plants into the home and enhance your decor. Now you can enjoy a mindful building project as you create an elegant plant display for your living space with this LEGO® Succulents (10309) building kit for adults. Take your time crafting all the details of the 9 different succulents – each inspired by a real-life variety. Then show off your creativity with the ultimate low-maintenance plant display.

Each succulent comes in its own small container. Combine them with 1 arrangement, display them in small groups or show them off individually throughout your home, office or dorm room. This set also makes a great gift idea for plant lovers, and with 3 separate instruction booklets it's the perfect project to enjoy with friends and family.

Discover the space to be mindful and the time to relax with buildable models designed specifically for adults from the LEGO Botanical Collection.

- Make your own succulents display – Enjoy a rewarding building project, creating a succulent's plant display to enhance your home or office decor with this LEGO® Succulents 10309 building kit
- Build 9 different plants – Customize your display by presenting the plants together, in small groups or individually to create a personalized look for your home, office or dorm room
- Inspired by real succulents – Each plant has been carefully designed to capture the look of a real succulent. Admire the different shapes, textures and colors that make up the display.
- Enjoy the build – Relax and take your time with this building project. There are 3 sets of building instructions to cover the 9 different plants, letting you enjoy this set with friends or family.
- From the LEGO® Botanical Collection – This set is part of a collection of building sets inspired by real-life plants and flowers and designed specifically for adults
- Spot the repurposed LEGO® elements – Hidden throughout this set are LEGO elements inspired by other sets. Try to find them all.
- Dimensions – This buildable model measures over 5 in. (13 cm) high, 6.5 in. (17 cm) wide and 6.5 in. (17 cm) deep
- A project for adults – This LEGO® Succulents model is part of a range of building sets designed for adult building fans who love stunning design and intricate details
- Quality materials – LEGO® building bricks are manufactured from high-quality materials. They're consistent, compatible and connect and pull apart easily every time: it's been that way since 1958.
- Safety ensured – With LEGO® pieces, safety and quality come first. That's why they're rigorously tested, so you can be sure that this collectible model is robust.

The background of the illustration on the box is primarily black, creating a striking contrast against the colorful succulent plants featured prominently in the center of the box. These plants include a Moon Cactus with a bright red top, a Burro's Tail with long green trailing stems, a Green Echeveria in its classic rosette shape, an Orange Echeveria, a Lavender Echeveria, a rounded, green, Ball Cactus, Hens and Chicks with clusters of small green rosettes, an Aloe Plant with thick, pointed green leaves, and a Red Echeveria with vibrant red rosettes.

In the top right corner of the image is the white Botanical Collection logo.

In the bottom right corner, the iconic LEGO logo is prominently displayed in its signature red and white color scheme.

In the center of the box, the name Succulents is written in white text.

In the bottom left corner, you will find the recommended age of 18+, which is indicated in white text. Right next to the age recommendation, the set number 10309 also appears in white text.

In the top left corner is the piece count in white, (771 pieces).

On the right side of the back of the box is a 3x3 grid with pictures of the plants we'll be building. The left side highlights larger images of individual LEGO plant models. The green echeveria has lush, textured leaves. The center image shows the nine succulents arranged, in a way that mimics a natural succulent garden, with some plants placed higher, and others lower, to create depth and dimension. The background is black, which makes the vibrant colors of the succulents stand out even more. The bottom of the box has a green LEGO brick pattern, and the top left corner features the LEGO logo.

The building set is 771 pieces in total and is for ages 18+.

Additional information about the set and a brief message by the set designer are included in the instruction booklet 1.

THE LEGO SUCCULENTS

Some are prickly and still somehow adorable. Others are plumply and still look so chic. Home design gurus say they can easily perk up any corner of your room. And they are perfect houseplants that make even a newbie plant parent look like pro. Meet the LEGO Succulents.

Succulents make fabulous table centrepieces, can dress up windowsills, and make any space instantly, insta-worthy.

They say having succulents in a room helps you focus, and building this set is likely to give you the same feeling. On the plus side, you don't have to water them!

Build pot by pot or group them all together, either way is smile inducing.

THERE'S A SUCCULENT FOR EVERYONE

Unlike other plants in the LEGO Botanical Series, each LEGO Succulent can be built in its own individual little pot, which can be either connected to make a beautiful group of succulents or showcased separately. Instructions to build also come in separate booklets so that family and friends can all enjoy the LEGO building experience together.

FROM THE DESIGN TEAM

Andy comes from Southern California, where succulent gardens thrive and are known for their beauty. My friends are all expert keepers of these desert jewels while I, on the other hand, never had such luck. So, being able to pay tribute to my home with this LEGO set was indeed a dream project. No succulent was harmed in the making of this set! said Andy, which was a happy first for him.

Anderson Ward Grubb

Senior Designer

Welcome to text-based instructions from Bricks for the Blind. Before you start building, here are some terms we will be using:

- In Front of/Front: towards you.
- Behind/Back: away from you.
- Up: towards the ceiling.
- Down: towards the floor.
- Stud: the bump on a LEGO brick. Example: A 2x1 brick has two studs on it.
- Vertically: going from front to behind.
- Horizontally: going from left to right.
- Upright: pointing up towards the ceiling.
- That one/ppp: previously placed brick.
- Plate: brick with studs.
- Tile: smooth brick 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 brick 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 brick symmetrically on the back wall, on the right, the technic connector of the second brick 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 pinhole. 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.
- Technic brick - a brick which contains one or more holes which accept technic pins.
- Lift-arms - A lift-arm is a basic structural element, similar to a brick or a plate, but usually without any studs. It is a beam with rounded ends and with holes in it, with the same spacing as the studs on a LEGO brick. lift-arms come in a variety of lengths, including a 1x1 lift-arm which looks like a cylinder. Thick lift- arms are as wide as a LEGO brick, and thin lift-arms are half as wide as a LEGO brick, but not the same thickness as a LEGO plate! The holes in a lift-arm arm may accept axles or pins. They also come in a variety of shapes, including tees, ells and triangles.
- Gears - A gear is a functional element. They are typically discs with teeth on the outside, there are also worm gears which look like a spiraling cylinder! Gears connected by axles transmit or even transform rotational motion!
- 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 pinholes. They have a lot of different angle combinations! The simplest just connects two axles or pins together in a straight line.

- Bushes/Bushings - LEGO Technic™ uses bushes largely as spacers, but they also can reduce friction between rotating parts or can form useful elements such as bars. Bushes are typically light gray, generally cylindrical, and have an axle-hole running through the middle. They have a flange at the front and back to make it easier to pull on and off.

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 kit, PDF versions are always online at LEGO.com: (https://www.lego.com/en-us/service/buildinginstructions/10309) 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 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 from steps in the instructions. Example: Steps 1-3 means collecting all the parts used in steps 1, 2 and 3, and putting them in one container.
This set comes with 3 labelled bags and 3 instruction booklets. The first instruction booklet contains the instructions for assembling the Orange Echeveria, an Aloe plant and a Hens and chicks. The second booklet contains the instructions for assembling the Green Echeveria, a Lavender Echeveria and a Moon Cactus. The third and final booklet contains the instructions for assembling the Ball cactus, a Burro's tail and a Red echeveria.

Note that the steps begin again from 1 upon completion of each succulent.

At the end of each book, the succulent plant pots are arranged. Each book contains three succulents, so the three succulents are arranged accordingly. By the end of Book 3, the three groups of succulents from Book 1, Book 2, and Book 3 are combined to form a cohesive succulent garden.

Sort the pieces into groups as described below. Note that where there are multiple colors of the same brick in a step, the colors will be split across two groups to make telling the difference easier for the builder!
LEGO includes a few spareparts in case you lose something. Set these into their own group away from the rest, in case you need them later.

Bag 1

Group 1 - Orange echeveria: contains the pieces for steps 1-11.

Group 2 - Aloe plant: contains the pieces for steps 1-10.

Group 3 - Aloe plant: contains the pieces for steps 11-17.

Group 4 - Hens and chicks: contains the pieces for steps 1-12.

Bag 2

Group 5 - Green echeveria: contains the pieces for steps 1-8.

Group 6 - Green echeveria: contains the pieces for steps 9-13.

Group 7 - Lavender echeveria: contains the pieces for steps 1-10.

Group 8 - Lavender echeveria: contains the pieces for steps 11-15.

Group 9 - Moon cactus: contains the pieces for steps 1-9.

Group 10 - Moon cactus: contains the pieces for steps 10-20.

Bag 3

Group 11 - Ball cactus: contains the pieces for steps 1-7.

Group 12 - Burro's tail: contains the pieces for steps 1-6.

Group 13 - Burro's tail: contains the pieces for steps 7-13.

Group 14 - Burro's tail: contains the pieces for steps 14-21.

Group 15- Red echeveria: contains the pieces for steps 1-10.

Group 16 – Red echeveria: contains the pieces for steps 11-17.

Group 17 – Red echeveria: contains the pieces for steps 18-24.

Let's get to building!

Building Instructions (Bag 1, Book 1):

Orange Echeveria

Group 1: this group contains the pieces to build the orange echeveria. First, we will build the plant pot and then the succulent.

1. Lay a black 6x6 plate in front of you. Place a beige 1x1 cone on the fifth row from the front on the second column from the right.

2.1 Place a second beige 1x1 cone on the fifth row from the front on the second column from the left. Then, repeat both placements symmetrically on the second row from the front.

2.2 Place a beige 1x2 slope horizontally on the fifth row from the front between the back cones so that it slopes forward. Repeat symmetrically to the front on the second row.

Then vertically place a beige 1x2 slope on the second column from the left, on the third and fourth rows between the left back and left front cones. It should slope to the right. Repeat symmetrically to the right. Now there is a square in the center of the build.

3.1 Let's make a part! Stack an orange 2x2 round plate with an axle hole on top of a sand green 2x2 round plate with an axle hole. Then, place a sand green 2x2 round plate with 8 bars on top of the stacked pieces.

3.2 Position this new part in the center of the square formed in the previous step.

4.1 Place a black 1x1 brick on the front row on the rightmost column of the build. Repeat symmetrically to the left. Then repeat both symmetrically to the back.

4.2 Locate 2 black 1x2 bricks with axle hole. Horizontally place the first one on the front row on the second and third columns from the left. Then place the second one horizontally to the right of the ppp. Repeat both placements symmetrically to the back.

4.3 Place 2 black 1x2 bricks with axle hole vertically on the leftmost column of the build. The first goes vertically on the second and third rows of the leftmost column and the second goes vertically on the fourth and fifth rows. Repeat both placements symmetrically to the right.

5.1 Place a black 2x2 wall corner on the front right corner, with the walls facing front and right. Repeat symmetrically to the left. Then repeat both symmetrically to the back.

5.2 Horizontally place a black 1x2x1 wall panel on the front row, with the wall facing front. Repeat this placement symmetrically to the back.

5.3 Vertically place a black 1x2x1 wall panel on the leftmost column, with the wall facing left. Repeat symmetrically to the right.

6.1 Let's make 4 identical parts! Stack a green 1x1 plant plate with 3 leaves on a brown 1x1 round plate. Repeat this step 3 more times to make a total of 4 parts.

6.2 Place the first part on the rightmost stud on the back row with the leaves facing the back right corner of the black 2x2 wall corner. Repeat this placement symmetrically to the back left corner. Repeat both placements symmetrically to the front.

7. Place an orange 2x2 round plate with an axle hole in the center of the main build. Insert a brown 4L bar into the axle hole of the previous piece and push it downwards through the build as far as it will go.

8. Place an orange 1x1 round brick with an open stud onto the 4L bar using the open stud. Push it down firmly.

9.1 Let's make a part! Locate a white 1x1 brick with studs on 4 sides and place a yellow 1x1 flower plate on the top stud.

9.2 Attach an orange 1x1 tooth plate to each side stud, with the teeth pointing vertically upright. The hollow side of the teeth should face inward. Place this sub build onto the top of the 4L bar.

10.1 Let's make 4 identical parts! They are the leaves! Locate an orange 2x2 round plate with an axle hole. Horizontally attach a green 1x2 plate with a clip on the long side, on the front row, with the clip pointing forward.

10.2 Place an orange 2x2 curved, inverted slope on the free back row, overhanging to the back.

10.3 Repeat these steps 3 more times to create a total of 4 parts. Attach these parts to the main build by clipping them onto the sand green 2x2 round plate with 8 bars so that the antistuds are pointing inwards. These will go on every other bar, so there will be an empty bar between each pair.

10.4 Close the leaves.

11. Insert a red 2L notched axle into the frontmost right-side axle hole of the plant pot. The red 2L notched axle should protrude to the right.

Your Orange Echeveria build is complete!

A caption at the end of the build reads: Orange echeveria, also known as Orange Monroe. The succulent boasts adorable rosettes in varying shades of green and orange.

Aloe plant

Group 2: we are going to start by building the plant pot. Then we will build the aloe plant’s main stem.

1.1 Place a black 6x6 plate in front of you.

1.2 Let’s make a part! Stack a grey 2x2 round brick with axle hole on a sand green 2x2 round plate with axle hole. then place the assembled part in the center of the 6x6 plate.

2.1 We are going to build a square with bricks around the round stacked pieces. Vertically place a dark green 1x4 brick to the right of the round stacked pieces. Then repeat symmetrically to the left.

2.2 Horizontally place a dark green 1x2 brick behind the round stacked pieces. Repeat symmetrically to the front.

3.1 Place a black 1x1 brick on the front row on the rightmost column. Repeat symmetrically to the left. Then repeat both symmetrically to the back.

3.2 Locate 2 black 1x2 bricks with axle hole. Horizontally place the first one on the front row on the second and third columns from the left. Then place the second one horizontally to the right of the ppp. Repeat both placements symmetrically to the back.

3.3 Place 2 black 1x2 bricks with axle hole vertically on the leftmost column of the build. The first goes vertically on the second and third row of the leftmost column and the second goes vertically on the fourth and fifth rows. Repeat both placements symmetrically to the right.

4.1 Place a black 2x2 wall corner on the front right corner, with the walls facing front and right. Repeat symmetrically to the left.

Then repeat both symmetrically to the back.

4.2 Horizontally place a black 1x2x1 wall panel on the front row, with the wall facing front. Repeat this placement symmetrically to the back.

4.3 Vertically place a black 1x2x1 wall panel on the leftmost column, with the wall facing left. Repeat symmetrically to the right.

5. Let’s make a part! Locate a sand green 2x2 round plate with axle hole. Then place a dark green 1x1 round plate on the back row on the right column of the sand green 2x2 round plate.

6. Place a sand green 1x1 round plate with bar in front of the ppp, with the bar protruding to the front right. Repeat symmetrically to the left, then repeat symmetrically to the back left.

7.1 Place a sand green 2x2 round plate with axle hole on top of the previously assembled structure.

7.2. Place a dark green 1x1 round plate on the front row on the left column of the ppp.

8. Place a sand green 1x1 round plate with bar behind the ppp, the bar should protrude to the back left. Repeat symmetrically to the back right. Then repeat symmetrically to the front right.

9. Place a sand green 2x2 round plate on top of the previously assembled pieces.

10. Insert a black 6L bar with stop ring into the axle hole of the ppp, push it down as far as possible. The stop ring should be at the top.

Group 3: In this group we will finish building the Aloe plant.

11.1 Let’s build 3 identical parts! Let’s build 3 adjustable stems! Locate a black axle connector with 3 axles. Attach a black 1x2 cylinder with hinge to each axle with the long side of the hinge facing left-to-right upright.

11.3 Attach 3 sand green 1x2 cylinders with a hinge pin and axle hole to the ppps using the pins so that you have 3 adjustable stems.

11.4 Insert 3 black 2L notched axles into the axle holes of the ppps.

11.5 Place the succulent sub build through the bottom of the black 6L bar with the stop ring at the top.

12.1 Place a dark green 1x1 round plate with a hollow stud on top of the black 6L bar, push it down to the stop ring.

12.2 Place a sand green 1x1 cone on top of the 6L bar.

13.1 Insert the black 6L bar into the axle hole of the grey 2x2 brick from step 1.

Push the bar down as far as it can go, securing the assembly.

14. Let's build the top leaf! Attach the bottom pin of a sand green barbe hollow horn with pin upright to the sand green 1x1 cone from step 12 which is on the top of the build. The hollow side of the barbe hollow horn should face forward.

15.1 Let's make 3 identical parts! Let's build the upper leaves. Attach a sand green bar holder with clip into a hollow sand green bar with a hollow horn. The hands of the clip should point up and down. Repeat this step 2 more times, so you have 3 parts in total.

15.2 Using the clips, attach the parts to the sand green 1x1 round plates with bar from step 8, with the hollow side facing outward. Push the leaves so that they point slightly up but don't close them.

16.1 Let's make 3 identical parts! Let's build the middle leaves. Attach a sand green bar holder with clip into a hollow sand green bar with a hollow horn. The hands of the clip should point up and down. Repeat this step 2 more times, so you have 3 parts.

16.2 Attach the parts to the sand green 1x1 round plates with bar from step 6. Make sure the hollow side of the leaves points outward.

17.1 Let's make 3 identical parts! Let's build the lower leaves. Attach a grey axle connector to a sand green claw with a wide curved leaf. Repeat this step 2 more times, so you have 3 parts in total.

17.2 Insert the first part into the bottom axle that points to the front right from step 11. Place the other leaves into the other 2 axles, with the hollow side of the leaves facing outward.

The Aloe Plant is complete!

From claw-like to succulents we like Lego claw elements from fantastic creatures make up the spikey Aloe.

A caption reads: Cleopatra applied Aloe gel to her body as part of her beauty regimen!

Hens and chicks

Group 4: We'll start building the plant pot. Then we'll build the Hens and chicks.

1.1 Lay a black 6x6 plate in front of you.

1.2 Place a grey 1x4 plate horizontally and centered horizontally on the second row from the front. Place a second grey 1x4 plate horizontally and centered horizontally on the fifth row from the front.

2. Vertically place a green 4x4 plate on top of the ppps connecting them.

3.1 Place a black 2x2 tile with large hole centered vertically on the ppp.

3.2 Place a brown 1x1 round plate on the front row of the 6x6 plate on the second column from the left. Place a second brown 1x1 round plate on the third row on the leftmost column. Place a third brown 1x1 round plate on the back row of the build on the third column from the left. Finally place a fourth brown 1x1 round plate on the second row from the front, on the fourth column from the left.

4.1 Place a black 1x1 brick on the front row on the rightmost column. Repeat symmetrically to the left. Then repeat both symmetrically to the back.

4.2 Locate 2 black 1x2 bricks with axle hole. Horizontally place the first one on the front row on the second and third columns from the left. Then place the second one horizontally to the right of the ppp. Repeat both placements symmetrically to the back.

4.3 Place 2 black 1x2 bricks with axle hole vertically on the leftmost column of the build. The first goes vertically on the second and third row of the leftmost column and the second goes vertically on the fourth and fifth rows. Repeat both placements symmetrically to the right.

5.1 Place a black 2x2 wall corner on the front right corner, with the walls facing front and right. Repeat symmetrically to the left.

Then repeat both symmetrically to the back.

5.2 Horizontally place a black 1x2x1 wall panel on the front row, with the wall facing front. Repeat this placement symmetrically to the back.

5.3 Vertically place a black 1x2x1 wall panel on the leftmost column, with the wall facing left. Repeat symmetrically to the right.

6.1 Let’s make a part! Place a green 4x4 round plate with hole in front of you.

6.2 Vertically place 2 sand green 1x2 sloped grille tiles centered on the second and third columns. They should slope to the front.

6.3 Place a sand green 1x2 hinge brick base horizontally on the back row with the hinge pointing to the front, behind the ppp.

6.4 Attach a brown 2x2 hinge top plate to the ppp.

6.5 Rotate the sub build so the 1x2 hinge brick points to the back right and the slope slopes diagonally to the front left. Now attach the sub build in this position to the center of the main build.

7.1 Let’s make a part! We are going to stack some pieces. Locate a brown 2x2 round plate with axle hole. Stack a sand green 2x2 round plate with 8 bars on the previous piece. Stack a grey 2x2 round tile with open stud on the previous assembly.

7.2 Repeat the previous step and stack it on the previous assembly.

7.3 Insert a brown 4L bar into the axle hole of the sub build.

7.4 Place a sand green 1x1 cone on top of the bar.

7.5 Attach the sub build to the main build by placing it on the brown 2x2 hinge top plate from step 6.4.

8.1 Let’s make a part! Locate a white 1x1 brick with studs on 4 sides. Then place a light aqua 1x1 round plate with swirled top on the top stud of the ppp.

8.2 Place a spring yellowish green 1x1 plate with tooth vertically upright on the front side stud, with the hollow side facing inward and the tooth at the top. Repeat symmetrically to the back, left and right sides.

8.3 Place the part on top of the cone from step 7.4.

9.1 Let’s make 8 identical parts! Let’s build the upper leaves! Locate a green 1x1 plate with vertical clip and place it horizontally in front of you with the clip pointing to the left. Then place a lime 2x1 sloped curved tile on the previous piece so that it slopes to the right.

9.2 Place a spring yellowish green 1x1 plate with tooth underneath the sloped curved tile, the tooth should protrude to the right.

9.3 Repeat both previous steps 7 more times so that there are 8 leaf parts in total.

9.4 Using the clip, attach the first upper leaf to the top 2x2 round plate with 8 bars, with the smooth side facing outward. The rest of the leaf parts should also be attached to the top 2x2 round plate with 8 bars.

10. Let’s make 8 identical parts! We are building the lower leaves! Locate a green 1x1 plate with vertical clip and place it horizontally in front of you with the clip pointing to the left. Then place a sand green 3x1 sloped curved tile on the previous piece so that it slopes to the right.

10.2 Place a sand green 1x1 plate with tooth underneath the sloped curved tile, the tooth should protrude to the right.

10.3 Repeat both previous steps 7 more times so that there are 8 leaf parts in total.

10.4 Using the clip attach the first lower leaf to the bottom 2x2 round plate with 8 bars, with the smooth side facing outward. The rest of the parts should also be attached to the bottom 2x2 round plate with 8 bars. Position the lower leaves so that they are interspersed with the upper leaves.

11. Insert a red 2L notched axle into the frontmost right-side axle hole of the plant pot. The red 2L notched axle should protrude to the right. The Hens and chicks’ build is complete!

A caption reads: Leaves made from ice-cream cones inspired by Hens and chicks¡, the leaves arranged in a rosette pattern originate from the swirl top of an ice-cream cone.

Hens and chicks’ plants are called such because they can quickly produce numerous babies.

12.1 Arranging the succulents from Book 1: Place the Hens and Chicks plant pot in front of you, ensuring that its red 2L notched axle is pointing horizontally to the right side.

12.2 Position the Orange Echeveria plant pot to the right of the Hens and Chicks. To connect them, align the right-pointing red axle of the Hens and Chicks with the second axle hole on the left-facing side of the Orange Echeveria pot. Gently insert the axle into this hole until the pots are securely attached.

12.3 Now we’ll attach the aloe plant pot to the other succulents. Place the Aloe plant pot to the right of the Orange Echeveria. Connect the Aloe to the Orange Echeveria by aligning the right-facing red axle of the Orange Echeveria with the second axle hole on the left side of the Aloe pot and insert the axle securely.

12.4 Final Arrangement: Once all the pots are assembled, the final arrangement should look like this: - The Hens and Chicks plant pot is placed on the left and positioned the farthest back, the Orange Echeveria plant pot is in the middle and positioned one step forward from the Hens and Chicks, and finally the Aloe plant pot is on the right and positioned the farthest forward.

13. Insert a red 2L notched axle into the front leftmost side axle hole of the Hens and chick's plant pot, with the axle protruding to the front. Insert a red 2L notched axle into the front leftmost side axle hole of the Aloe plant's plant pot, with the axle protruding to the front. Set the succulent book 1 arrangement aside.

Building Instructions (Bag 2, Book 2):

Green Echeveria

Group 5: This group contains the pieces to build the plant pot and the succulent's green base.

1.1 Lay a black 6x6 plate in front of you.

1.2 We need to form a square on the ppp. Leave the front and back rows free and the leftmost and rightmost columns free. Place a tan 2x2 wall panel corner on the fourth and fifth columns from the left, and on the fourth and fifth rows from the front, with the walls facing back and right. The tip of the right angle should be on the fifth row.

2. Place a second tan 2x2 wall corner panel symmetrically to the left of the ppp. Repeat both placements symmetrically to the front. We should now have a square in the center of the plate.
3.1 Place a black 1x1 brick on the front row on the rightmost column. Repeat symmetrically to the left. Then repeat both symmetrically to the back.

3.2 Locate 2 black 1x2 bricks with axle hole. Horizontally place the first one on the front row on the second and third columns from the left. Then place the second one horizontally to the right of the ppp. Repeat both placements symmetrically to the back.

3.3 Place 2 black 1x2 bricks with axle hole vertically on the leftmost column of the build. The first goes vertically on the second and third row of the leftmost column and the second goes vertically on the fourth and fifth rows. Repeat both placements symmetrically to the right.

4.1 Place a black 2x2 wall corner on the front right corner, with the walls facing front and right. Repeat symmetrically to the left.

Then repeat both symmetrically to the back.

4.2 Horizontally place a black 1x2x1 wall panel on the front row, with the wall facing front. Repeat this placement symmetrically to the back.

4.3 Vertically place a black 1x2x1 wall panel on the leftmost column, with the wall facing left. Repeat symmetrically to the right. Let's set the plant pot aside for now.

5.1 Let's make a part! Place a green 3x3 plate in front of you. This will be the center of the succulent base's sub-build.

5.2 Attach the leftmost column of a green 2x3 plate vertically to the first and second anti-stud rows from the front to the rightmost column of the PPP. It should extend past the 3x3 plate, one row to the front and one column to the right.

6.1 Horizontally attach a green 2x3 plate to the green 3x3 plate, aligning the second and third columns from the left on the front row with the second and third anti-stud columns from the left

on the back row of the green 3x3 plate. The back row should extend past the 3x3 plate backward, and the rightmost column should extend past the 3x3 plate to the right.

6.2 Vertically attach a third green 2x3 plate to the 3x3 plate by aligning the rightmost column with the second and third anti-stud rows of the leftmost column. The leftmost column should extend past the 3x3 plate to the left, and the back row should extend past the 3x3 plate backward.

6.3 Attach a fourth green 2x3 plate to the 3x3 plate by aligning the second and third columns from the left of the back row with the first and second anti-stud columns on the front anti-stud row of the green 3x3 plate. The leftmost column should extend past the 3x3 plate to the left, and the front row should extend past the 3x3 plate forward. Now we have a frame around the 3x3 plate. This is the echeveria's base.

7. Place a lime 1x1 flower plate in the center of the Echeveria's base sub build.

8.1 Let's make 4 identical parts! Stack a brown 1x1 round plate on a brown 1x1 round plate. Repeat 3 more times so we have 4 parts in total.

8.2 Place the first part on the front row on the rightmost column of the 3x3 green plate. Repeat symmetrically to the left. Then repeat both placements symmetrically to the back.

Group 6: this group contains the pieces to build the leaves and the rest of the green echeveria.

9. Let's build the lower leaves! Place a green hunter's hat with blocked feather hole on the previously placed part which is on the front row on the rightmost column of the green 3x3 plate. The point of the hunter's hat should face to the front right corner. Repeat symmetrically to the left. Then repeat both symmetrically to the back.

10. Turn the sub build upside down. Place a red 1x1 round plate on the front row of anti-studs on the rightmost antistuds' column. Repeat symmetrically to the left. Then repeat both symmetrically to the back. Finally turn the sub build right-side up.

11.1 Let's make a part! Let's make the upper leaves! Place a green 2x2 plant brick with 4 leaves and axle hole in front of you with the leaves pointing upward. Place a lime 1x1 flower plate in the center of the ppp.

11.2 Turn the sub build upside down and insert a black 2L bar with stop ring into the axle hole of the sub build. Then turn the sub build right side up. Attach the sub build to the lime 1x1 flower plate from step 7 located in the center of the Echeveria's base sub build. The upper leaves should be aligned with the lower ones.

12. Place the Echeveria's base sub build on the plant pot sub build.

13. Insert a red 2L notched axle into the frontmost right side axle hole of the plant pot. The Green Echeveria's build is complete!

A caption reads: There are approximately 10,000 types of succulents that you can grow. The fun LEGO Succulents are a great way to start your collection.

Lavender Echeveria

Group 7: It contains the pieces to build the plant pot and the Lavender echeveria's main stem.

1. Lay a black 6x6 plate in front of you. Place a green 2x4 brick centered horizontally on the 2nd and 3rd rows from the front. Horizontally place a second green 2x4 brick behind the ppp.

2.1 Place a black 1x1 brick on the front row on the rightmost column. Repeat symmetrically to the left. Then repeat both symmetrically to the back.

2.2 Locate 2 black 1x2 bricks with axle hole. Horizontally place the first one on the front row on the second and third columns from the left. Then place the second one horizontally to the right of the ppp. Repeat both placements symmetrically to the back.

2.3 Place 2 black 1x2 bricks with axle hole vertically on the leftmost column of the build. The first goes vertically on the second and third row of the leftmost column and the second goes vertically on the fourth and fifth rows. Repeat both placements symmetrically to the right.

3.1 Place a black 2x2 wall corner on the front right corner, with the walls facing front and right. Repeat symmetrically to the left.

Then repeat both symmetrically to the back.

3.2 Horizontally place a black 1x2x1 wall panel on the front row, with the wall facing front. Repeat this placement symmetrically to the back.

3.3 Vertically place a black 1x2x1 wall panel on the leftmost column, with the wall facing left. Repeat symmetrically to the right.

4. Place a green 2x2 round brick with axle hole in the center of the build. Stack a sand blue 2x2 round plate with axle hole on the ppp.

Let’s set the plant pot aside for now.

5. Let’s make a part! Let’s start building the succulent sub build. Insert a red 1L pin with stud into the pin hole of a brown round pin connector with 4 clips.

6. Locate a brown 6L bar with stop ring and hold it upright with the stop ring at the top. Attach the part you have built in the previous step to the bottom of the bar. Push it up until it reaches the stop ring. The stud of the red 1L with stud should face up.

7. Place a lime 1x1 brick with four side studs and open stud on the top of the brown 6L bar with stop ring.

8.1 Place a sand green 2x2 round plate with 8 bars on the bottom of the bar with the studs facing down. Push it up.

8.2 Place a grey 2x2 round tile with open stud on the bottom of the bar, with the open stud facing down.

9. Place a brown 1x1 round brick with open stud on the bottom of the bar, with the open stud facing down.

10. Place a sand green 1x1 brick dome top on top of the sub build.

Group 8: this group contains the pieces to build the leaves and the rest of the lavender echeveria.

11.1 Let’s make 4 identical parts! They are the upper leaves! Place a sand blue 2x2 round plate with convex bottom in front of you. Place 2 sand blue 1x1 round quarter tiles on the front row of the ppp. The front right quarter tile should have the round part facing to the front and to the right. The left one should be symmetrical.

11.2 Place a sand blue 1x1 round quarter tile symmetrically to the back of the front left one.

There should be a free stud on the back right corner.

11.3 Place a yellowish green 1x1 round tile with bar on the free stud of the part.

11.4 Repeat steps 11.1 to 11.3 3 times more so that you have 4 parts in total.

11.5 Rotate the first leaf part so the bar points centered to the front. Using the bar, attach the leaf to the front side stud of the lime 1x1 brick with 4 side studs from step 7. When attaching the leaf to the succulent sub build, ensure that the bar is oriented inward at the bottom of the leaf. Attach the other leaf parts to the other side studs of the lime 1x1 brick with four side studs.

12.1 Let's make 4 identical parts! They are the middle leaves! Locate a lavender rounded shoulder armor. There are two bars on the shoulder armor. Attach a purple bar holder with bar to the outside bar. The bar should face left-to-right. Repeat 3 times more so that you have four parts in total.

12.2 Let's attach the leaves to the plant sub build. Using the bar, attach the first leaf part to the front facing bar of the round pin connector with 4 clips from step 5. When attaching the purple bar holder with a bar to the main build, ensure it points inward and is oriented at the bottom of the leaf part. Attach the second part symmetrically to the back of the build. Then attach the third symmetrically to the left and the fourth symmetrically to the right.

13.1 Let's make 4 identical parts! They are the lower leaves! Locate a lavender rounded shoulder armor. There are two bars on the shoulder armor. Attach a sand green bar holder with clip to the outside bar. The hands of the clip should face up and down. Repeat 3 times more so that you have 4 leaf parts in total.

13.2 Turn the succulent sub build upside down.

13.3 Let's attach the lower leaves to the succulent sub build! Using the clip, attach the leaves to the 2x2 round plate with 8 bars. When attaching the leaves, make sure the leaf clip points inward at the top. Stagger the lower leaves so they don't line up with the middle ones.

14. Turn the succulent sub build right-side up. Insert the bar into the axle hole in the center of the plant pot.

15. Insert a red 2L notched axle into the frontmost right-side axle hole of the plant pot. The red 2L notched axle should protrude to the right. The Lavender Echeveria's build is complete!

The caption reads: Lavender Echeveria. The lavender varieties of Echeveria have some fun names like Afterglow and Cubic Frost. What would you name yours?

Moon cactus

Group 9: plant pot and moon cactus' rootstock.

1.1 Lay a black 6x6 plate in front of you. Place a green 2x4 brick with 3 axle holes, horizontally, in the center of the ppp. Then place a green 1x4 brick horizontally in front of the ppp. Repeat symmetrically to the back.

1.2 Place a green 1x4 brick vertically on the second column from the left, on the 2nd, 3rd, 4th, and 5th rows from the front. Repeat symmetrically to the right.

2.1 Place a black 1x1 brick on the front row on the rightmost column. Repeat symmetrically to the left. Then repeat both symmetrically to the back.

2.2 Locate 2 black 1x2 bricks with axle hole. Horizontally place the first one on the front row on the second and third columns from the left. Then place the second one horizontally to the right of the ppp. Repeat both placements symmetrically to the back.

2.3 Place 2 black 1x2 bricks with axle hole vertically on the leftmost column of the build. The first goes vertically on the second and third row of the leftmost column and the second goes vertically on the fourth and fifth rows. Repeat both placements symmetrically to the right.

3.1 Place a black 2x2 wall corner on the front right corner, with the walls facing front and right. Repeat symmetrically to the left.

Then repeat both symmetrically to the back.

3.2 Horizontally place a black 1x2x1 wall panel on the front row, with the wall facing front. Repeat this placement symmetrically to the back.

3.3 Vertically place a black 1x2x1 wall panel on the leftmost column, with the wall facing left. Repeat symmetrically to the right.

4.1 Place a brown 2x2 round tile with open stud in the center of the build.

4.2 Insert a grey 4L bar into the hole of the ppp. Push it down as far as it can go.

5.1 Let’s make a part! Let’s start making the central structure sub build. Place a lime 1x1 brick with 4 side studs on a brown 1x1 round brick.

6. Place a tan 1x1 round plate with open stud on top of the part. Stack a second tan 1x1 round plate with open stud on the ppp.

7. Place a lime 1x1 brick with 4 side studs on the ppp. Place a sand yellow 1x1 round plate with open stud on the ppp.

8. Stack a brown 1x1 round brick on a 1x1 round brick. Connect the assembly on top of the part. Then place a lime 1x1 brick with 4 side studs on top of the part.

9.1 Let’s make 4 identical parts! Place an olive green 2x4 slope horizontally in front of you with the slope sloping to the front. Place a second olive green 2x4 slope horizontally to the right of the ppp.

Attach the ppps by placing an olive green 1x6 plate horizontally centered on the ppps.

9.2 Place an olive green 1x1 plate under the thinnest side of an olive green 2x1 curved slope. Place it horizontally centered on the 1x6 plate; it should slope to the right.

9.3 Place an olive green 2x1 curved slope with the thinnest part on the leftmost stud of the 1x6 plate, it should slope to the left. Place a tan 1x1 round plate with open stud to the right of the ppp.

9.4 Repeat the previous step symmetrically to the right.

9.5 Let’s build the thorns! Insert 2 tan 3.2 shaft plants into the stud holes of the tan 1x1 round plates with open stud you have already placed. The longer stem of both pieces should face to the left. A 3.2 shaft plant LEGO part looks like a little plant. It has a skinny stick at the bottom that can fit into other LEGO pieces. On top of the stick, there are tiny branches, or prongs, which look like leaves or coral. You can use it to make trees, bushes, or anything green in your LEGO creations.

9.6 Repeat the above steps 3 times more so that you have 4 parts in total.

9.7 Let's attach the first part we have built to the central structure sub build. Hold the central structure upright and place the first part vertically with the slope facing left on the front side of the central structure. When attaching, ensure that the front studs of the lime 1x1 brick with 4 side studs of the central structure sub build fit into the gap between the anti-studs and the brick wall on the right.

9.8 Rotate the structure 90 degrees to the left in a counter-clockwise direction and repeat the previous step. Repeat this step two more times so that the central structure sub build is completely covered.

And there we have the cactus rootstock!

Group 10: Cactus fruit and succulent arrangement.

10. Place a tan 2x2 round tile with hole on top of the cactus sub build.

11. Attach the cactus rootstock sub build to the plant pot by inserting the bar of the plant pot into the hole at the bottom of the cactus rootstock sub build. The front thorns of the cactus, both the lower and the upper ones, should point to the front aligned with the 3rd column of studs. Automatically you will get the right position for the back left and right sides.

12. Let’s make a part! Let’s start building the cactus fruit. Hold a brown 6L bar with stop ring upright with the ring at the bottom. Place 2 grey axle connectors with 4 bars through the top of the ppp. Push them down till they reach the stop ring. The bars of both connectors should be aligned.

13.1 Stack two 1x2 plates with rounded ends. Then attach it vertically upright to the top and bottom bars.

13.2 Repeat the previous step 3 times more.

14. Place 2 grey axle connectors with 4 bars on the top of the brown 6L bar. Push them down till they reach the previous assembly. It is crucial that the bars of the two axle connectors are perfectly aligned. When inserting them into the brown 6L bar with a stop ring, ensure they are interspersed with the previously assembled structure.

15.1 Stack two 1x2 plates with rounded ends. Then attach the stacking pieces vertically upright to the top and bottom bars.

15.2 Repeat the previous step 3 times more.

16.1 Let’s make 8 identical parts!

Horizontally place a coral 1x4 plate in front of you. Place a coral 1x2 plate horizontally centered on the ppp.

16.2 Place a coral 2x1 curved slope with the thinnest part on the leftmost stud of the ppp, it should slope to the left. Place a coral 1x1 plate to the right of the ppp. Place a coral 1x1 slope to the right of the ppp sloping to the right.

16.3 Place an orange 1x1 flower plate on the coral 1x1 plate you have just placed. Repeat steps 16.1 to 16.3 7 times more so you have 8 parts in total.

16.4 Let’s attach the parts to the fruit sub build. Note that the left side next to the flower is longer than the right side. Attach the first part vertically upright, with the short side facing upwards, to the structure you assembled in steps 14 and 15. Repeat this process three more times. Now, attach the other four parts vertically upright to the lower structure that you assembled in steps 12 and 13, with the long side facing upwards and the short side facing downwards.

17. Place a green 1x1 round plate with open stud on top of the fruit sub build. Place a coral 2x2 tile dome top on the ppp. Then place an orange 1x1 flower plate on top of the ppp.

18. Attach the fruit sub build to the main build. The short sides facing downward of the parts you attached in step 16 should be aligned with the ridges or ribs of the rootstock running vertically along its length. The moon cactus build is complete!

A caption at the end of the build reads: The Moon Cactus glows red because it lacks chlorophyll and must be grafted onto other cacti for it to grow.

19.1 Arranging the succulents from Book 2: Place the Green Echeveria plant pot in front of you, ensuring its red 2L notched axle is pointing horizontally to the right. Position the Lavender Echeveria plant pot to the right of the Green Echeveria. To connect the two pots, align the right-pointing red axle of the Green Echeveria with the second axle hole on the left-facing side of the Lavender Echeveria. Insert the axle gently and securely to attach the pots.

19.2 Place the Moon Cactus plant pot to the right of the Lavender Echeveria. Connect the Moon Cactus to the Lavender Echeveria by aligning the red 2L notched axle of the Lavender Echeveria with the second axle hole on the left-facing side of the Moon Cactus plant pot. Ensure the connection is firm.

19.3 Final Arrangement: Once the pots are assembled: The Green Echeveria should be on the left and positioned the farthest back. The Lavender Echeveria should be in the middle and positioned one step forward from the Green Echeveria.

And finally, the Moon Cactus should be on the right and positioned the farthest forward. The pots should form a staggered arrangement.

20. Adding the Front Axles: Insert a red 2L notched axle into the front leftmost side axle hole of the Green Echeveria plant pot, with the axle protruding to the front.

Do the same for the Moon Cactus plant pot, inserting the red 2L notched axle into its front leftmost side axle hole.

Set the arrangement for Book 2 aside for now.

Building Instructions (Bag 3, Book 3):

Ball cactus

Group 11: contains the pieces to build the plant pot and the Ball cactus.

1. Lay a black 6x6 plate in front of you. Place a green 2x4 brick, horizontally and horizontally centered on the 2nd and 3rd rows from the front. Place a second green 2x4 brick behind the ppp.

2.1 Place a black 1x1 brick on the front row on the rightmost column. Repeat symmetrically to the left. Then repeat both symmetrically to the back.

2.2 Locate 2 black 1x2 bricks with axle hole. Horizontally place the first one on the front row on the second and third columns from the left. Then place the second one horizontally to the right of the ppp. Repeat both placements symmetrically to the back.

2.3 Place 2 black 1x2 bricks with axle hole vertically on the leftmost column of the build. The first goes vertically on the second and third row of the leftmost column and the second goes vertically on the fourth and fifth rows. Repeat both placements symmetrically to the right.

3.1 Place a black 2x2 wall corner on the front right corner, with the walls facing front and right. Repeat symmetrically to the left.

Then repeat both symmetrically to the back.

3.2 Horizontally place a black 1x2x1 wall panel on the front row, with the wall facing front. Repeat this placement symmetrically to the back.

3.3 Vertically place a black 1x2x1 wall panel on the leftmost column, with the wall facing left. Repeat symmetrically to the right.

4.1 Let's make a part! It is the rootstock. Stack a sand green 2x2 round plate with 8 bars on a green 2x2 round plate.

4.2 Stack 3 green 2x2 round plates together and place them on top of the part.

4.3 Place a green 2x2 brick round dome top on top of the part. Using the pin, attach a pink flower with pin to the ppp.

5. Attach the rootstock sub build to the main build by placing the rootstock in the center of the plant pot.

6. Attach 8 large green curving teeth with clip to the sand green 2x2 round plate with 8 bars using the clip, with the teeth curving upward and towards the center.

7. Insert a red 2L notched axle into the first right-side axle hole starting from the front of the plant pot. The red 2L notched axle should protrude to the right. The Ball cactus build is complete!

A caption reads: Cacti – including the Ball Cactus can live from 10 to 200 years! And we bet LEGO Succulents could beat that record.

- Burro's tail

Group 12: Burro's tail plant pot and first side shoot.

1. Lay a black 6x6 plate in front of you. place a green 2x4 brick, horizontally and horizontally centered on the 2nd and 3rd rows from the front. Place a second green 2x4 brick behind the ppp.

2.1 Place a black 1x1 brick on the front row on the rightmost column. Repeat symmetrically to the left. Then repeat both symmetrically to the back.

2.2 Locate 2 black 1x2 bricks with axle hole. Horizontally place the first one on the front row on the second and third columns from the left. Then place the second one horizontally to the right of the ppp. Repeat both placements symmetrically to the back.

2.3 Place 2 black 1x2 bricks with axle hole vertically on the leftmost column of the build. The first goes vertically on the second and third row of the leftmost column and the second goes vertically on the fourth and fifth rows. Repeat both placements symmetrically to the right.

3.1 Place a black 2x2 wall corner on the front right corner, with the walls facing front and right. Repeat symmetrically to the left.

Then repeat both symmetrically to the back.

3.2 Horizontally place a black 1x2x1 wall panel on the front row, with the wall facing front. Repeat this placement symmetrically to the back.

3.3 Place a black 1x2x1 wall panel on the leftmost column, with the wall facing left. Repeat symmetrically to the right.

4. Place 2 tan 1x2 jumper plates on the main build, the first goes vertically and vertically centered on the 3rd column and the second goes vertically and vertically centered on the 4th column starting from the left.

5.1 Let's make a part! Place a lime 1x2 plate with rounded ends horizontally in front of you. Place a lime 1x1 round plate with open stud on the leftmost stud.

5.2 Place a green 1x1 round plate with bar on the rightmost stud with the bar diagonally pointing to the front right.

5.3 Place a green 1x2 plate with rounded ends with bar on the ppp with the bar diagonally pointing to the back right. Place a lime 1x2 plate with rounded ends on top of the lime 1x1 round plate from step 5.1.

5.4 Horizontally place a lime 1x2 plate with rounded ends on top of the ppps. Horizontally place the part on the center of the main build on the studs of the 2 1x2 jumper plates from step 4.

6.1 Let's make a part! Hold a gray 1L bar with clip upright with the clip at the bottom. Attach a lime 1x1 round plate with open stud on the ppp with the stud facing up.

6.2 Place a lime 1x1 round plate on top of the part with the stud facing up.

6.3 Place a lime 1x1 brick with 4 side studs on top of the part.

6.4 Place 4 lime eggs with pin hole on top on the 4 side studs of the ppp. Place a fifth egg with pin hole on the top stud of the lime 1x1 brick with 4 side studs.

6.5 Using the clip, attach the sub build to the front right bar from step 5.2.

Group 13: This group contains the pieces to build the second side shoot.

7. Let's make a part! Hold a gray 1L bar with clip upright with the clip at the bottom. Attach a lime 1x1 round plate with open stud onto the ppp with the stud facing up.

8. Place a lime 1x1 round plate on top of the part with the stud facing up.

9. Place a lime 1x1 brick with 4 side studs on top of the part. Place a lime 1x1 round plate with open stud on the ppp.

10. Place 4 green 1L bars with angled hollow stud on the 4 side studs of the lime 1x1 brick with 4 side studs, with the tip of the bar pointing upward.

11. Place a lime 1x1 brick with 4 side studs on top of the part.

12. Place a lime egg with pin hole on each of the 4 side studs of the ppp, then place a fifth one on the top stud. Place a lime egg with pin hole on each of the 4 green 1L bars with angled hollow stud from step 10.

13. Attach the second side shoot sub build to the back right bar from step 5 using the clip.

Group 14: Main Stem

14. Let's build the main stem! Start by placing a lime 1x1 brick with 4 side studs on top of another lime 1x1 brick with 4 side studs. Ensure that the edges of these two bricks do not align. We'll refer to the top brick as Brick A and the bottom brick as Brick B.

15. Insert a 6L bar with a stop ring, starting with the long end, into the top open stud of Brick A. Push the bar down through the assembly until it reaches the stop ring.

16. Attach a lime 1x1 brick with 4 side studs at the bottom of the assembly. We'll call this Brick C. Make sure that the edges of Brick C do not align with Brick B above it but align with those of Brick A.

17. Place a lime 1x1 brick with 4 side studs at the top of the part, we'll call it brick D. The edges of the brick D should only be aligned with those of Brick B.

18. Place a green 1L bar with angle and hollow stud on each of the side studs of the part, there should be 18 in total.

19. Place 18 green eggs with pin hole on the ppps.

20.1 Place a lime 1x1 round plate with open stud on top of the part. Place a lime 1x1 brick with 4 side studs on the ppp.

20.2 Place a green egg with pin hole on the top stud and on each of the side studs of the ppp.

21. Attach the sub build to the main build by inserting the bar at the bottom of the main stem sub build into the leftmost stud of the lime 1x2 plate with rounded ends from step 5.4.

The burro's tail build is complete!

A caption reads: The Burro's Tail or the Donkey Tail is a tropical plant native to Mexico and Central America.

Red echeveria

Group 15: In this group we will build the plant pot, and we will start building the red echeveria's main stem.

1. Lay a black 6x6 plate in front of you. Place a brown 1x2 brick hinge base horizontally and horizontally centered on the 4th row from the front.

2. Horizontally place a red 1x2 slope in front of the ppp so that it slopes to the front. Horizontally place a green 1x2 curved slope in front of the ppp. It should slope to the back. Then place a green 1x2 brick in front of the ppp.

3. Let's make a part! Place a black 2x2 ribbed brick with axle hole on a light bluish grey 2x2 hinge brick top plate. Attach the part to the brown 1x2 brick hinge base from step 1. When attaching, ensure that the long side of the hinge of the top plate faces to the back.

4. Place a green 1x4 brick, vertically and vertically centered on the 2nd column from the left. Repeat symmetrically to the right.

5.1 Place a black 1x1 brick on the front row on the rightmost column. Repeat symmetrically to the left. Then repeat both symmetrically to the back.

5.2 Locate 2 black 1x2 bricks with axle hole. Horizontally place the first one on the front row on the second and third columns from the left. Then place the second one horizontally to the right of the ppp. Repeat both placements symmetrically to the back.

5.3 Place 2 black 1x2 bricks with axle hole vertically on the leftmost column of the build. The first goes vertically on the second and third row of the leftmost column and the second goes vertically on the fourth and fifth rows. Repeat both placements symmetrically to the right.

6.1 Place a black 2x2 wall corner on the front right corner, with the walls facing front and right. Repeat symmetrically to the left.

Then repeat both symmetrically to the back.

6.2 Horizontally place a black 1x2x1 wall panel on the front row, with the wall facing front. Repeat this placement symmetrically to the back.

6.3 Vertically place a black 1x2x1 wall panel on the leftmost column, with the wall facing left. Repeat symmetrically to the right.

7. Let's make a part! Let's start building the succulent sub build! Place a black wedge belt wheel with axle hole on a second black wedge belt wheel with axle hole so that the holes of both wheels are aligned. Hold them and insert a black 2L axle with pin by the axle end into the axle hole of the wheels. The pin should be at the top.

8. Place 6 red 1L pins with stud on the 6 holes of the attached wheels. The studs should face up.

9. Insert a red 1L pin with stud into a pin 2L round connector with the stud facing up. Attach it to the pin at the top of the part.

10. Using the barrel, attach a black gun to each of the 6 1L pins with stud from step 8. The bar of the gun should protrude outwards. Repeat 5 times more.

Group 16: lower and middle leaves.

11.1 Let's make 6 identical parts! Let's build the lower leaves! Place a dark red 1x1 short brick with studs on side on the top of a green 1x1 round plate with open stud. The side studs should face to the left.

11.2 Place a dark red 1x1 short brick with studs on side on the ppp with the side studs facing to the right. Place a dark red 1x1 quadruple convex pyramid on the ppp.

11.3 Place a dark red double 4x1 curved slope on a dark red 1x2 plate. Repeat once more. Attach the first assembly vertically upright to the left side studs. Attach the second one vertically upright to the right side studs.

11.4 Repeat the previous steps 5 times more so that you have 6 leaf parts in total. Insert each leaf sub build into the bar of the guns from step 10.

12. Attach the succulent sub build to the main build by inserting the axle at the bottom of the succulent sub build into the axle hole of the black 2x2 ribbed brick from step 3.

13. Let's make a part! Let's build the stem sub build. Place a green 2x2 round plate in front of you and rotate it so that the studs form a cross. Then place a green 1x1 round plate with bar on the front stud with the bar facing forward.

14. Repeat the ppp symmetrically to the back. Place a green 1x1 round plate with bar to the left, the bar should protrude to the left. Repeat symmetrically to the right.

15. Place a brown 2x2 round tile with open stud on the top of the stem sub build.

16.1 Let's make 4 identical parts! Let's build the middle leaves! Locate a dark red 2x2 wedge plate and place it vertically in front of you with the point at the back. Place a dark red 1x2 plate with clip on the long side underneath the ppp with the clip pointing to the front. Repeat 3 times more so there are 4 parts in total.

16.2 Using the clip, attach a leaf part to each of the bars of the stem sub build.

17. Attach the middle stem sub build to the succulent sub build by attaching it to the red round stud of the 1L pin with stud from step 9. The middle leaves should not be aligned with the lower leaves, they should be interspersed.

Group 17: Upper leaves, book 3 succulent's arrangement, and succulent garden arrangement.

18. Let's make a part! Place a dark red 1x1 quadruple convex pyramid on top of a lime 1x1 brick with 4 side studs.

18.2 Insert a green 3L bar into the bottom of the part. Attach the part using the bar to the succulent main build.

19.1 Let's make 2 identical parts! Let's build the front and back upper leaves. Place a 2x1 left wedge plate in front of you with the point facing to the front. To distinguish a left wedge plate from a 2x2 wedge plate, position the 2x1 left wedge plate with its angled side facing forward, the narrow side positioned to the left, and the slope ascending from right to left. Unlike the left wedge plate, the 2x2 wedge plate has a point at the middle.

19.2 Place a green 1x1 plate underneath the ppp. Repeat once more so that we have 2 parts in total. Attach the first leaf vertically upright to the front side stud of the lime 1x1 brick with 4 side studs you placed in the previous step with the point of the wedge facing up. Repeat symmetrically to the back.

20. Let's make 2 identical parts! Let's build the 2 remaining leaves! Place a dark red 2x2 wedge plate with the wedge pointing to the front. Place a green 1x2 plate underneath the ppp. Repeat once more so that there are 2 leaf parts in total. Attach the first part vertically upright to the left side stud of the lime 1x1 brick with 4 side studs with the wedge pointing upward. Repeat symmetrically to the right.

21. Rotate the plant pot 90 degrees clockwise so that the back of the pot now points to the right. Insert a red 2L notched axle into the first right-side axle hole starting from the front of the plant pot. The red 2L notched axle should protrude to the right. The Red echeveria's build is complete!

A caption at the end of the build reads: Knights of the succulents the ruby red Echeveria has small pyramid elements at the tips of its leaves that first appeared as detail elements in LEGO NEXO KNIGHTS sets.

Red is the color of love. Next Valentine's Day skip the roses and give a LEGO Red Echeveria instead!

22.1 Arranging the succulents from Book 3: Place the Red Echeveria plant pot in front of you, ensuring its red 2L notched axle is pointing horizontally to the right. Position the Ball Cactus plant pot to the right of the Red Echeveria. To connect them, align the right-pointing red axle of the Red Echeveria with the second axle hole on the left-facing side of the Ball Cactus. Insert the axle gently and securely.

22.2 Place the Burro's Tail plant pot to the right of the Ball Cactus. Connect the Burro's Tail to the Ball Cactus by aligning the red 2L notched axle of the Ball Cactus with the second axle hole on the left-facing side of the Burro's Tail plant pot. Ensure the connection is firm.

22.3 Final Arrangement: Once the pots are assembled the Red Echeveria should be on the left and positioned the farthest back. The Ball Cactus should be in the middle and positioned one step forward from the Red Echeveria.

And finally, the Burro's Tail should be on the right and positioned the farthest forward.

The pots should form a staggered arrangement.

23. Place 2 loose red 1L axles inside the green echeveria's pot. In order to place them, lift the base with the succulent out of the pot. Then place the base with the succulent inside the pot.

24.1 Let's arrange the succulent garden! Let's start by the back row! Place the succulent arrangement from Book 1 in front of you, forming the initial row.

24.2 Let's position the Middle Row! Position the succulent arrangement from Book 2 in front of the Book 1 arrangement and slightly to the left. Attach them using the left front side axle of the Book 1 arrangement into the right back side axle hole of the Book 2 arrangement. Insert the red axle from the hens and chicks pot into the back right axle hole of the green echeveria pot. The axle of the Aloe plant should be inserted into the back right axle hole of the moon cactus.

24.3. Let's position the front row! Position the arrangement from Book 3 in front of the arrangement from Book 2 and further to the left. Attach it using the front axles of the arrangement from Book 2. Insert the red 1L notched axle from the green echeveria pot into the back right side axle hole of the red echeveria pot. Then, insert the front axle of the moon cactus into the back right side axle hole of the burro's tail.

This arrangement creates a staggered succulent garden, with each row slightly shifted to the left.

Congratulations on finishing your build! Would you like to inspire other blind people to build LEGO sets? Let's feature your build on our Builders page. It's easy and we will do all the work! Just contact us at info@bricksfortheblind.org and together we will make it happen!

Please signup for our newsletter and follow us on Facebook and Instagram to be the first to know when new instructions are available!