10480 Discovery Forest with Wild Animals

Set adapted by Arturo and tested by Matthew Shifrin.

Help toddlers learn about the wonder of the woodland with this Discovery Forest with Wild Animals (10480) building set that makes a fun gift for boys and girls ages 3 and up. Curious kids learn skills while having lots of fun exploring this charming playset. Kids have everything they need to construct 2 large tree toys and 6 LEGO® DUPLO® animal figures. By experimenting with which animal goes in which window, preschool boys and girls learn whether the hedgehog, duck, squirrel, bunny, bird and fox figures live above or below ground. Little explorers can also use the 2 colored lenses on the special bricks to discover what is hiding beneath the leaves. The colored lenses also reveal details on the woodland floor playmat, like the food the animals eat and the footprints they leave behind. LEGO DUPLO developmental toys are designed to help little builders see wonder in the world that surrounds them.

The packaging presents a bright woodland scene built around the set's two large tree models, six animal figures, and illustrated forest-floor playmat. The front of the box shows the completed forest spread across the mat, with the taller tree rising on the right and the lower, wider tree structure extending across the left and center. The trees combine reddish brown trunks and platforms with lime and bright green foliage, while coral, yellow, lavender, and orange flower elements add contrasting spots of color. The red panda, rabbit, hedgehog, duck, squirrel, and bird are arranged around the trees and their window-like openings, suggesting that the animals can explore homes both above and below ground. The transparent red and dark blue lens pieces are also included in the scene, ready to reveal hidden details in the specially printed dark orange bricks. The background uses a softly lit natural setting with warm earth tones and green foliage, making the brick-built forest appear to continue into the surrounding woodland. On the top left corner, we have the classic LEGO logo, together with the DUPLO branding. Along the left side, the set information is also visible, including the age rating, set number, name, and piece count. The left image on the back of the box shows the forest rearranged for play and focuses more clearly on the set's discovery features. The right image demonstrates how the colored lenses can be held over the special bricks to reveal concealed nature details, including animal food and footprints. The hinged window panels can be opened to access the animal spaces, and the separate tree sections and playmat can be positioned together in different woodland arrangements. On the top left corner, we have the LEGO logo, together with the DUPLO branding. The left side of the box continues the green woodland design and repeats the LEGO and DUPLO visual identity alongside a view of the set and its animals. The right side of the box contains multilingual product and safety information, together with packaging notices and a smaller product image. The top of the box has the classic LEGO logo, the DUPLO branding, the set number, and an image of the 6 included animals surrounded by brick-built flowers. The bottom of the box is a tidy information strip that contains the barcode as well as a few technical bits: the LEGO logo, the set number, recycling information, manufacturing details, copyright and trademark information, and other packaging notices.

Welcome to Text-Based Building Instructions from Bricks for the Blind. Here is some helpful information on how to best use screen readers and browsers: bricksfortheblind.org/help-with-screen-readers. 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: 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 the piece.
- Row: studs lined up horizontally (left to right/side to side).
- Column: studs lined up upright or vertically (top to bottom/back to front).

For builders with low vision, or a sighted building partner who may want to follow along with the printed visual instructions that come with each kit, PDF versions are always online at LEGO.com: (https://www.lego.com/en-us/service/building-instructions/10480), 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 a few unnumbered bags and 2 instruction booklets. 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 spare parts in case you lose something. Set these into their own group away from the rest, in case you need them later.

This build is 131 pieces and 42 building steps. The set has NO stickers!

Book 1 (5 groups of bricks)

Red panda and duck, houses

Group 1: page 11
Group 2: steps 1-6
Group 3: steps 7-12.1
Group 4: steps 12.2-16
Group 5: steps 17-21

Book 2 (9 groups of bricks)

Forest animals, houses, tree

Group 6: page 11
Group 7: steps 1-4
Group 8: steps 5-7
Group 9: steps 8-11
Group 10: steps 12-13
Group 11: step 14.1
Group 12: step 14.2
Group 13: steps 15-19
Group 14: steps 20-21

We are done sorting.

Building Instructions:

The instructions begin with a few pages of preamble.

Building the Big Skills Toddlers Need

We believe in big starts. Our big bricks are designed for little hands to master. When toddlers' creativity is set free, their opportunities to learn become endless. We call it Learning Through Play. And it inspires every LEGO DUPLO set. Based on thorough scientific research, each set helps young minds develop both IQ skills (cognitive, physical, creative) and EQ skills (social, emotional). Let all toddlers Start Off Big.

LEGO DUPLO sets are categorized into benefit territories that match toddlers' ages and developmental stages.

EXPLORATION + INDEPENDENCE
LEGO DUPLO sets in the orange territory are all about empowering toddlers to dive into their own adventures and take charge of their playtime! Perfect for little ones aged 3 and up, these sets are made to ignite curiosity and inspire toddlers to create their own solutions. Toddlers are invited to lead the play while exploring (IQ), giving them the chance to practice their communication skills, learn to compromise, and build their confidence. With grown-ups stepping int to lend a hand only when needed, this approach helps foster independence (EQ).

Let’s start building!

Book 1

Group 1 – Red panda and duck

Page 11

Place 1 dark orange 2x4 brick horizontally in front of you. Then, place 1 medium nougat 2x4 plate with printed wood grain pattern on top of the ppp. Then, place the red panda next to it. Continue by placing 1 dark orange 2x2 brick in front of you. Then, place 1 light bluish gray duck with dark turquoise head next to the ppp. You can use the transparent dark blue and transparent red filter lenses (which look like

magnifying glasses) to find hidden patterns in the dark orange bricks from this step, as well as in any other dark orange bricks in the rest of the build. In this case, using the dark blue filter lens will reveal plants and leaves, while using the red filter lens will reveal 3 mice and a worm.

Group 2 – Houses

Step 1

Let's build a couple of houses. Place 1 reddish brown 4x8 plate horizontally in front of you. Then, place 1 medium nougat 2x4 plate horizontally on top of the ppp, so that it is centered horizontally and vertically.

Step 2

Place 1 medium nougat 2x4 plate horizontally behind the ppp, so that it overhangs to the back by 1 row. Then, place 1 reddish brown 2x8 plate horizontally under the overhang of the ppp, so that it is centered horizontally.

Step 3

Place 1 lime 2x2 brick to the left of the 2x4 plate from the previous step. Then, place 1 lime 2x4 brick vertically on top of the 2 rightmost columns of the build, so that it is centered vertically.

Step 4

Place 1 lime 2x4 brick vertically on top of the ppp. Then, place 1 lime 2x2 brick on top of the 2x2 brick from the previous step. Next, place 1 lime 1x2x2 brick horizontally in front of the ppp.

Step 5

Place 1 medium nougat 2x2x2 brick with hinge in front of the ppp, so that its hinge faces to the front and to the left. Then, attach 1 reddish brown 2x2x2 brick with hinge fingers to the ppp, so that it overhangs to the left by 2 columns and its front is flush with the ppp.

Step 6

Locate 2 tan 2x4x3 window frames. Place the first one horizontally on the 2nd and 3rd row from the back, so that it is centered horizontally (without considering the overhanging columns of the hinge brick from the previous step) and its window faces to the back. Take the second one and repeat symmetrically on the front. Then, attach 1 medium nougat 1x4x3 window pane to the hinges of each of the 2 ppps, so that their curved sides face to the outside.

Group 3 – Houses (continued)

Step 7

Rotate 1 reddish brown 4x8 plate horizontally. Place its 2 front rows of its 2 rightmost columns under the 2 overhanging columns of the hinge brick on the left.

Step 8

Stack 2 lime 2x2 bricks and place them on the back right corner of the ppp.

Step 9

Find 2 medium nougat 1x2x2 log bricks. Place the first one vertically to the left of the stack from the previous step, so that its log pattern faces to the right. Take the second one and repeat symmetrically on the front. Then, place 1 medium nougat 2x4 plate vertically to the left of the 2 ppps.

Step 10

Place 2 medium nougat 1x2x2 log bricks vertically, one in front of the other, to the left of the ppp, so that their log pattern faces to the left. Then, place 1 yellow 3x3 flower on top of the back left corner of the build.

Step 11

Place 1 reddish brown 2x2x2 round brick on top of the front left corner of the build. Then, place the 2 front rows of 1 reddish brown 4x4 plate to the right of the ppp, so that it attaches to the 1x2x2 log bricks on its leftmost and rightmost columns.

Step 12.1

Place 1 reddish brown 2x4 double curved slope brick with tree stump pattern horizontally on top of the 2 front rows of the ppp, so that it slopes to the left and to the right.

Group 4 – Houses (continued)

Step 12.2

Place 1 lime 2x4 double curved slope brick horizontally behind the ppp, so that it slopes to the left and to the right.

Step 13

Grab 4 lime 2x2 curved slope bricks. Place the first 2 on top of the 2 rightmost columns, one in front of the other, so that they slope to the right and together they are centered vertically. Take the remaining 2 and repeat symmetrically on the 7^{th} and 8^{th} columns from the right.

Step 14

Locate 3 lime 2x2 curved slope bricks. Place the first one on the front left corner of the build (on top of the reddish brown 2x2x2 round brick), so that it slopes to the left. Take the second one and repeat symmetrically on the 7th and 8th columns from the left. Place the last one behind the ppp, so that it also slopes to the right.

Step 15

Find 2 lime 4x8 half circle plates. Place the first one horizontally on top of the 8 rightmost columns, so that its curved side faces to the back and it is centered vertically. Then, place the second one horizontally on top of the 8 leftmost columns, so that its curved side faces to the back.

Step 16

Place 1 coral 3x3 flower on top of the 2nd column from the left of the 2nd row from the front of the ppp. Then, place 1 reddish brown 2x2 round brick with radiating bars on top of the 5th and 6th columns from the left on the 2nd and 3rd rows from the front.

Group 5 – Houses (continued)

Step 17

Place 1 bright green plant on top of the 7th column from the right of the 2nd row from the front. Then, place 1 medium lavender 3x3 flower on top of the ppp.

Step 18

Place 1 reddish brown 2x2 brick on top of the 4th and 5th rows from the front, so that it is centered horizontally.

Step 19

Place 1 bright green 2x4 inverted double curved slope brick horizontally on top of the ppp, so that it overhangs to the left and to the right by 1 column. Find 2 bright green 2x2 inverted arch bricks. Place the first one on top of the 2 leftmost columns of the ppp, so that it arches to the left. Take the second one and repeat symmetrically on the right.

Step 20

Grab 2 bright green 2x2 inverted arch bricks. Place the first one on top of the ppp, so that it arches to the right. Take the second one and repeat symmetrically on the left.

Step 21

Place 1 bright green 2x2 brick on top of the 2 ppps.

We are done with these houses! If you wish, you can store the bright orange bricks of the red panda and the duck inside the houses.

Book 2

Group 6 – Forest animals

Page 11

Place 1 tan bunny, 1 tan hedgehog with reddish brown spikes, one bright light orange bird, and one dark orange squirrel in front of you. Then, place 1 dark orange 2x2 brick next to each of the 4 animals. You can also use the transparent dark blue and transparent red filter lenses (which look like magnifying glasses) to find hidden patterns in these 4 dark orange pieces. In this case, using the dark blue filter lens will reveal plants and leaves, while using the red filter lens will reveal some flowers, a snail, a couple of eggs, and a couple of acorns.

Group 7 – Houses

Step 1

Place 1 reddish brown 6x12 plate horizontally in front of you. Then, place 1 medium nougat 2x2x2 brick with hinge on the front right corner of the ppp, so that its hinge faces to the front and to the right. Then, attach 1 reddish brown 2x2x2 brick with hinge fingers to the ppp, so that it overhangs to the right by 2 columns and its front is flush with the ppp.

Step 2

Rotate 1 reddish brown 4x8 plate horizontally. Place its front left corner under the overhang of the ppp. Then, place 1 lime 2x2x2 brick horizontally on the 3rd row from the front of the 11th and 12th column from the left.

Step 3

Stack 2 lime 2x2 bricks and place them behind the ppp. Stack 2 other lime 2x2 bricks and place them on the 2 back rows of the 7th and 8th columns from the right.

Step 4

Locate 4 lime 2x2 curved slope bricks. Place the first one on top of the previous stack, so that it slopes to the left. Then, place the second one in front of the ppp, so that it also slopes to the left. Place the remaining 2 on top of the 11th and 12th columns from the left, one in front of the other, so that together they are centered vertically and they slope to the right.

Group 8 – Houses (continued)

Step 5

Find 6 medium nougat 2x4 plates. Place the first 2 horizontally, one in front of the other, on top of the 3rd to 6th columns from the right. Place the next 2 horizontally, one in front of the other, on top of the 7th to 10th columns from the left, so that together they are centered vertically. Next, place the remaining 2 horizontally to the left of the 2 ppps.

Step 6

Grab 6 tan 2x4x3 window frames. Place the first one horizontally on the 2 back rows of the 3rd to 6th columns from the right, so that its window faces to the back. Take the second one and repeat symmetrically on the front. Place the third one and the 4th one horizontally, one to the right of the other, on top of the 3rd to 10th columns from the left of the 2nd and 3rd rows from the front, so that their windows face to the front. Take the last 2 and repeat symmetrically on the back. Lastly, attach 1 medium nougat 1x4x3 window pane to the hinges of each of the 6 ppps, so that their curved sides face to the outside.

Step 7

Stack 2 lime 2x4 bricks and place them vertically on top of the 2 leftmost columns, so that the stack is centered vertically. Then, place 2 lime 2x2 curved slope bricks, one in front of the other, on top of the stack, so that they slope to the left.

Group 9 – Houses (continued)

Step 8

Rotate 1 medium nougat 2x4 tile with printed wood grain pattern horizontally. Place its 2 leftmost columns on top of the 2 back rows of the 2 rightmost columns, so that it overhangs to the right by 2 columns. Then, place the 2 back rows of the 2 leftmost columns of 1 reddish brown 4x4 plate under the overhang of the ppp.

Step 9

Place 1 medium nougat 2x4 plate vertically on top of the 2 rightmost columns of the ppp. Then, rotate 1 medium nougat 2x4 tile with printed wood grain pattern horizontally. Place it to the left of the 2 front rows of the ppp.

Step 10

Place 1 lime 2x4 double curved slope brick vertically on top of the 2 rightmost columns, so that it slopes to the front and to the back. Then, stack 2 lime 2x2 bricks and place them on top of the ppp.

Step 11

Rotate 2 lime 6x12 cloud-shaped plates horizontally so that their longer straight side faces to the front. Place the first one on top of the 12 columns on the right, so that it overhangs to the back by 2 rows. Then, place the front row of the second one on top of the 2nd row from the front of the 12 columns on the left, so that it overhangs to the back by 2 rows.

Group 10 – Houses (continued)

Step 12

Place 1 green 4x4 tile with stud on top of the ppp, so that it is centered horizontally and vertically. Then, attach 1 reddish brown 4x4 round plate on top of the ppp, so that it is centered. You should hear a click.

Step 13

Place 1 reddish brown 2x4 double curved slope brick with tree stump pattern horizontally on top of the 2nd and 3rd rows from the front of the 5th to 8th columns from the right, so that it slopes to the left and to the right. Then, place 1 yellow 3x3 flower on top of the 3rd row from the front of the rightmost column. Next, place 1 bright green plant on top of the 3rd row from the front of the 10th column from the right.

Group 11 – Houses (continued)

Step 14.1

Place 1 coral 3x3 flower on top of the ppp.

Group 12 – Houses (continued)

Step 14.2

Place 1 medium lavender 3x3 flower on top of the 3rd row from the front of the 11th column from the left.

Group 13 – Tree

Step 15

Place 1 reddish brown 4x10x4 tree trunk with large branches horizontally on top of the reddish brown 4x4 round plate located on the 2nd to 5th rows from the front of the 5th to 8th columns from the left, so that its curved edge faces to the back.

Step 16

Locate 2 bright green 2x3 inverted curved slope bricks. Rotate the first one horizontally, so that it slopes to the left. Place its 2 rightmost columns on top of the left (and higher) branch of the tree, so that it overhangs to the left by 1 column. Take the second one and repeat symmetrically on the right, on the lower branch of the tree.

Step 17

Find 2 bright green 2x3 inverted curved slope bricks. Rotate the first one horizontally, so that it slopes to the left. Place its 2 rightmost columns on top of the 2 leftmost columns of the 2 back rows of the tree trunk, so that it overhangs to the left by 1 column. Take the second one and repeat symmetrically on the right.

Step 18

Place 1 lime 2x6 plate horizontally on top of the 2 ppps.

Step 19

Place 1 bright green 2x4 double inverted curved slope brick horizontally in front of the ppp, so that it is centered horizontally on top of the 2 front rows of the tree trunk. Then, place 1 lime 2x4 plate horizontally on top of the ppp.

Group 14 – Tree (continued)

Step 20

Grab 2 orange 2x2 round plates with 4x4 flat flower on top. Place the first one on top of the 2 leftmost columns of the tree's left branch. Take the second one and repeat symmetrically on the right branch. Then, place 1 reddish brown 2x2x2 round brick on top of the 2 leftmost columns of the 2 back rows of the tree trunk.

Step 21

Place 1 bright green 4x4 bush on top of the ppp. Then, place 1 bright light yellow 2x2x2 double curved slope brick on top of the ppp, so that it slopes to the left and to the right. One side has a print of a smiling sun, while the opposite side has a print of a sleeping moon. Ask a sighted friend to make sure that the current piece is oriented as you wish, so you can simulate day or night. Place 1 bright green 4x4 bush on top of the 2 rightmost columns of the 2nd and 3rd rows from the front of the tree trunk. Lastly, place 1 coral 4x4 rock (which is representing a blooming flower) on top of each of the 2 orange 4x4 flat flowers from the previous step.

Thank you so much for building this set! If you wish, you can place the included forest mat in front of you and place the build around it, angling the houses as you like them the most. You can open the doors and place the animals inside their homes or have them play together on the outside. Remember you can use the transparent dark blue and transparent red filter lenses (which look like magnifying glasses) to find hidden patterns in these dark orange bricks.

At the end of the instruction booklet, you will find two pages advertising 9 other Duplo sets. On the first page, we have sets 10473 (Fire Truck with Hose and Firefighter), 10954 (Number Train - Learn To Count), 10472 (Animal Building Game), and 10480 (Discovery Forest with Wild Animals, this set). The background of this page is made of dark azure, violet, and orange background. On the next page, we have sets 10479 (Colorful Creative Box), 10474 (Creative Vehicles), 10478 (3 in 1 Creative Ramps with Vehicles), 10913 (Brick Box), and 10475 (3 in 1 Construction Vehicles). The background of this page is lime green. Afterwards, you will find the set inventory and on the last page you will find an invitation to share feedback.

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!

We hope you enjoyed building your LEGO set! Bricks for the Blind is able to create these text-based building instructions thanks to generous donations from our builders. If you enjoy the instructions we create, please consider making a $5 donation at: https://www.gofundme.com/f/bricks-for-the-blind-gofundme.
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