31169 Typewriter with Flowers
Adapted by Reshma Raju Emmatty and tested by Radar.

Treat young fans of flowers and art and design with this LEGO® Creator 3in1 Typewriter with Flowers (31169) toy playset. This mini typewriter toy for girls and boys aged 8 and up is decorated with 4 colorful brick-built flowers and features a moving keyboard and platen and a brick-built sheet of paper.

LEGO fans have a choice of 3 different flower kits to build: a Typewriter with Flowers toy; a keytar toy instrument on a stand with flowers; or a flowerpot with a pen and notebook. The rebuildable toy playset also comes with 3 stickers featuring thoughtful phrases, which kids can use to decorate the brick-built models.

LEGO Creator 3in1 sets are great gifts for kids with 3 different building options in every box. These 3in1 rebuildable toysets let them enjoy imaginative play and offer an impressive range that appeals to their biggest passions, including supercool vehicles, amazing animals and detailed houses. Please note that models cannot be built simultaneously.

- 3 LEGO® flower set building options in 1 box – Creator 3in1 Typewriter with Flowers toy playset lets kids aged 8 and up build and rebuild 3 different models with the same bricks
- Floral toys with countless play options – Kids enjoy stories with 3 different playsets: a Typewriter with Flowers toy; a keytar toy on a stand with flowers; and a flowerpot with pen and notebook
- Nature toys for kids, plus stickers – This LEGO® playset comes with 3 stickers featuring thoughtful phrases, which kids can use to decorate the brick-built models
- Display models inspired by nature – Each model (models cannot be built simultaneously) can be displayed to add color to any room and for young builders and their friends and family to enjoy
- LEGO® gift for kids – 3in1 toy provides a build-and-play experience for fans of flowers and art and design and can be used to inspire hours of imaginative play
- More 3in1 fun – Expand kids' playful stories with other sets (sold separately) from the LEGO® Creator 3in1range
- LEGO® Creator toys – Every 3in1 set lets kids build 3 different models inspired by some of their biggest passions, including animals, vehicles and houses
- Measurements – 363-piece rebuildable floral set features a Typewriter with Flowers toy measuring over 5 in. (13 cm) high, 4 in. (11 cm) long and 6 in. (16 cm) wide

The front of the box shows a pink typewriter with blue, pink and yellow flowers on it!

The top and back of the box shows a typewriter, a keytar and a flowerpot!

The build is 363 pieces in total and is for ages 8+.

Bags 1-3 include the pieces for the typewriter with flowers!

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 piece.
- Row: studs lined up horizontally (left to right/side to side).
- Column: studs lined up upright or vertically (top to bottom/back to front).

A note on LEGO Technic™ part names. These parts are somewhat different from regular LEGO bricks. Here are some definitions in case the builder or helper is not familiar with LEGO Technic™.

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

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

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 pin-holes. 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 handles. 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 them easier to pull on and off

For builders with low vision, or a sighted building partner may want to follow along with the printed visual instructions that come with each kit, or PDF versions are always online at LEGO.com for each set: (https://www.lego.com/en-us/service/building-instructions/31169) 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.

This set has 3 builds:
Go to Build 1: Typewriter with Flowers
Go to Build 2: Flowerpot with Pen
Go to Build 3: Keytar Toy on a Stand with Flowers
Sorting the pieces:

To begin a successful build, it helps to sort the pieces into groups, bags, or small containers. Have a friend or family member do this in advance following the instructions below. You will see that the pieces should be sorted according to the building steps in the kit. Doing this in advance makes locating the pieces for each step easier. See below on how to sort the pieces to correspond to the steps in this set. Number the containers using letters A-Z, numbers, or meaningful names. The parts will be sorted into one or a small number of steps in the instructions. Example: Steps 1-3 means collect all the parts used in steps 1,2 and 3, and put them in one container.

This LEGO set comes with 3 bags labeled 1-3, 3 sets of instructions, and some loose pieces. Sort the pieces into groups or piles as described below. Note that where there are multiple colors of the same brick in a step, the colors will be split into 2 groups to make telling the difference easier for the builder! LEGO includes a few spare parts in case you lose something. Set these into their own group away from the rest, in case you need them later.

Bag 1 – Typewriter with Flowers 1 – Steps 1 – 27
Group 1 – Steps 1-8
Group 2 – Steps 9 -15
Group 3 – Step 16
Group 4 – Steps 17– 27

Bag 2 – Typewriter with Flowers – Steps 28 – 53
Group 5 – Steps 28-42
Group 6 – Steps 43 - 54

Bag 3 – Typewriter with Flowers – Steps 54 – 75
Group 7- Steps 54- 62
Group 8 – Step 63
Group 9 – Steps 64.1-64.4
Group 10 – Steps 65.1-65.8
Group 11- Steps 66- 67
Group 12-Steps 68-75

Let's get to building!

Building Instructions (Bag 1, Book 1):

Group 1 – Typewriter with Flowers

1. Horizontally place a white 2x10 plate in front of you.
   Then, horizontally place a light purple 1x4 plate on the 4 right columns of the back row.

2. Place a light purple 1x4 plate horizontally on the 4 left columns of the back row.
   Then, horizontally place a light purple 1x2 plate to the right of the ppp.

3. Vertically place two white 4x12 plates, one to the right of the other, on the front row so together they are centered horizontally and overhang 11 rows to the front.

4. Vertically place a black 2x12 plate on the front row of the leftmost column so it overhangs 1 column to the left and 11 rows to the front.
   Then, repeat symmetrically to the right.

5. Flip the build upside down so it is vertical and the 2x10 plate is in the back.
   Now, horizontally place a tan 1x2 plate with upright 1x2 side studs on the 2nd and 3rd columns from the left of the front row so the side studs face the front.
   Then, repeat this placement symmetrically to the right.
   Lastly, horizontally place another tan 1x2 plate with upright 1x2 side studs on the front row so it is centered horizontally and the side studs face the front.

6. Place three white 2x2 plates with upright 1x2 side studs, one in back of the other, on the front 6 rows of the leftmost column so they overhang 1 column to the left and their side studs face the left.
   Then, repeat these three placements symmetrically to the right.

7. Horizontally place a white 2x10 plate on the build so it is centered vertically and horizontally.

8. Place three more 2x2 plates with 1x2 upright side studs, one in back of the other, on the back 6 rows of the leftmost column so they overhang to the left and their side studs face the left.
   Now, repeat these 3 placements symmetrically to the right.

Group 2

9. Flip the build so it is right side up and horizontal with the 3 groups of 1x2 side studs facing the front.
   Place a light purple 1x1 brick on the leftmost column of the back row.

Then place 2 light purple 1x4 bricks, one to the right of the other, horizontally to the right of the ppp.
Now, place a light purple 1x1 brick to the right of the ppp.

10. Vertically place a medium azure 1x2 brick with 2 side studs on the back 2 rows of the rightmost column so its side studs face the right.
    Then, place another vertically in front of the ppp so there are 2 free rows between them, and its side studs face the right.
    Now, place the right column of a black 2x4 brick horizontally between the 2 ppp.

11. Vertically place a medium azure 1x2 brick with 2 side studs on the 5th and 6th rows from the back of the leftmost column so the side studs face the left.
    Then, horizontally place the left column of a black 2x4 brick behind the ppp.
    Now, horizontally place a black 1x6 arch brick to the right of the back row of the ppp.
    Then place a medium azure 1x1 round brick with hollow stud in front of the right column of the ppp.

12. Horizontally place a medium gray 1x4 brick with horizontal groove on the back row so it is centered horizontally and the groove faces the front.

13. Horizontally place a medium gray 1x4 brick with horizontal groove on the 3 left columns of the back row so the groove faces the front, and it overhangs 1 column to the left.
    Then, place another symmetrically to the right.
    Now, vertically place a light purple 1x4 brick on the back 3 rows of the rightmost column so it overhangs 1 row to the back.

14. Horizontally place 3 medium gray 1x4 bricks with horizontal groove, one to the left of the other. to the left of the front row of the ppp so their grooves face the back.

15. Horizontally place a grey 1x8 tile on the 4th row from the back so it is centered horizontally.

Group 3

16. Next, let’s build the Carriage Rod Mount.

Start Building

Step 16.1

Horizontally place a dark gray 1x8 plate with rail in front of you so the rail faces the back.

Step 16.2

Place a medium gray 2x2 round plate under the 2 leftmost columns so one row is exposed to the front.
Then, repeat this placement symmetrically to the right.

Step 16.3

Horizontally place a dark gray 1x8 plate with rail on the front row so the rail faces the front.

Step 16.4

Place a dark gray 2x2x2/3 curved slope brick on the 2 leftmost columns so it slopes to the left.
Then repeat this placement symmetrically directly to the right of the ppp.

Step 16.5

Vertically place a medium stone gray 1x2 tile to the right of the ppp.
Then vertically place another medium stone gray 1x2 tile on the rightmost column of the sub build.
Now horizontally place a lime green 1x2 rounded plate with 2 hollow studs on the back row of the 2 left columns of studs.
Now, horizontally place a tan 1x2 plate with 2 hinge fingers on the long side in front of the ppp so the fingers face the front.
You can now slide this sub-assembly into the grooves located at the back end of the main assembly!

Group 4

17. Now, let's make sure the sub-assembly is locked in safely within the main assembly so that it can still slide, but does not slide off of the main assembly.
18. Place a medium azure 1x2 brick with 2 side studs horizontally in front of you so the side studs face the front.
19. Then horizontally place a light purple 1x4 brick on top so it is centered horizontally.
20. Place your part vertically on the back 3 rows of the leftmost column so the side studs face the left and it overhangs 1 row to the back.

21. Horizontally place a light purple 1x2 tile on the back row so it is centered horizontally.
Then, place a light purple 1x4 tile horizontally to the left of the ppp.
Then, repeat this placement symmetrically to the right.
Now, horizontally place a light purple 1x2 tile to the right of the ppp.
Repeat this placement symmetrically to the left.
Now vertically place a light purple 1x2 tile in front of the left column of the ppp.
Finally, repeat this placement symmetrically to the right.

22. Horizontally place a black 2x4 brick on the 4 left columns of the 8th and 9th rows from the back.
Repeat this placement symmetrically to the right.
Next, place a gray 1x1 brick with side stud in front of the right column of the ppp so the side stud faces the right.
Now, repeat this placement symmetrically to the left.

23. Place a light purple 2x4 brick vertically on the 5th through 8th rows from the back of the 2 left columns.
Then, repeat symmetrically to the right.
Horizontally place a gray 1x2 wall panel on the 4th row from the front on the 3rd and 4th columns from the left so the wall faces the front.
Then, repeat symmetrically to the right.
Finally, horizontally place a gray 1x2 curved slope brick on the 3rd and 4th columns from the left of the front row, so it slopes to the front.
Then, place another symmetrically to the right.

24. Place a dark gray 2x2 tile with 2 studs on the 4th and 5th rows from the back on the 2nd and 3rd columns from the left so the studs are in the front.
Then, repeat this placement symmetrically to the right.

25. Let's make a part.
Horizontally place a bright green 1x2 rounded plate with hollow studs in front of you.

Place 2 medium stone gray 1x1 bricks with vertical handle, one to the right of the other, on top of the ppp, so the handles face the front.
place this horizontally on the 5th and 6th columns from the right on the 5th row from the back so the handles face the front.

26. Vertically place a light purple 1x2 slope brick on the leftmost column on the 4th and 5th rows from the back so it slopes to the back.
    Then, place a light purple 1x2 brick vertically in front of the ppp.
    Now, place a light purple 1x1 brick in front of the ppp.
    Repeat all 3 placements symmetrically to the right.

27. Vertically place a light purple 1x3x2 inverted half arch brick in front of the ppp so it slopes to the front.
    Then vertically place a light purple 1x2 tile in front of the ppp.
    Now, repeat both parts symmetrically to the left.

28. Horizontally place a black 1x12 brick on the 5th row from the back so it is centered horizontally. It should connect to 2 studs on either side.
    Vertically place a medium stone gray 1x2 log brick on the 4th column from the left on the 8th and 9th rows from the back so it sits on the rightmost column of a 2x4 brick.
    Then, repeat this placement symmetrically to the right.

29. Horizontally place a medium stone gray 2x4 plate on the ppp so 1 column overhangs to the left and 2 columns overhang to the right.
    Now, repeat this placement symmetrically to the left.

30. Place a medium stone gray 1x1 cone brick on the back left stud of the ppp.
    Then, horizontally place the left column of a light purple 1x2 plate in front of the ppp.
    Now, repeat both parts symmetrically to the right.

Let us open Bag 2 to continue building.

Group 5
Let’s put the keyboard together! This will be a sub-assembly that we will attach to the main assembly.

31. Place a black 4x12 plate horizontally in front of you.
    Then, place a bright green 1x2 rounded plate with hollow studs horizontally on the back left corner of the ppp.
    Now, repeat this placement symmetrically to the right.

32. Horizontally place 6 black 1x2 jumper plates, one to the right of the other, on the 2nd row from the front.

33. Horizontally place 2 black 1x5 plates, one to the right of the other, on the 3rd row from the front so together they are centered horizontally.

34. Horizontally place a white 1x4 tile on the front row so it is centered horizontally.
    Then place a white 1x2 rounded tile horizontally to the left of the ppp.
    Repeat symmetrically to the right.

Now, place a white 1x1 tile with round side on the leftmost column of the 2nd row from the back so the rounded side faces the left.
Repeat symmetrically to the right.

35. Vertically place 2 black 1x4 tiles with 2 studs, one to the right of the other, on the back row so together they are centered horizontally and overhang 3 rows to the back.

36. Horizontally place a medium stone gray 1x2 plate with upright bar on the back row of the 2 ppp, so the bar faces the back.
Then, attach a medium stone gray weapon hilt to the upright bar.

37. Horizontally place the 2 left columns of a black 1x3 plate on the back left corner so it sits on the 1x2 rounded plate and overhangs the plate 1 column to the right.
Then repeat symmetrically to the right.
Now, horizontally place a light purple 1x2 plate between the 2 ppp.

38. Horizontally place a black 1x3 plate on the 3 right studs of the 2nd row from the back.
Then, horizontally place a black 1x5 plate to the left of the ppp.
Now, place another black 1x3 plate to the left of the ppp.

39. Place 6 white 1x1 round tiles on the studs of the jumper plates in front of the 3 ppp.
Then place 2 more on the front left corner of the build.
Now, repeat these 2 placements symmetrically to the right.

40. Horizontally place a black 1x12 plate on the back row.

41. Place 11 white 1x1 round tiles, one to the right of the other, on the 2nd row from the back.

42. Then place 12 white 1x1 round tiles, one to the right of the other, on the back row.

43. Flip your part upside down so it is horizontal keeping the vertical 1x4 plates at the back.
Place a red 2x2 plate with pin hole underneath on the 2 leftmost columns of the build so it is centered vertically and the pin holes face the left and right.
Repeat symmetrically to the right.

44. Keeping the same orientation, flip the keyboard right side up.
Place it inside the gap of the main assembly, which takes up the front half of the build. The vertical part should be between the 2 black 2x4 plates.

45. Insert a lime green 3l bar into the left facing axel hole and push it all the way in.
Repeat this placement symmetrically to the right.

Group 6

46. Let’s make another sub-assembly, a front casing for the typewriter, which needs to be attached to the main assembly.

Step 43.1
Horizontally, place the light purple 2x6 plate in front of you.

Step 43.2
Horizontally place a light purple 2x4 tile on top so it is centered horizontally.
Step 43.3
Place a light purple 2x2 tile to the left of the ppp so it overhangs 1 column to the left.
Step 43.4
Horizontally place the right column of a light purple 2x6 plate under the overhang of the ppp so 5 columns are exposed to the left.
Step 43.5
Horizontally place a light purple 2x4 tile on the 4 rightmost columns of studs of the ppp.
Step 43.6
Vertically place a light purple 1x2 plate with 1x2 side studs hanging down on the leftmost column so the side studs face the left.
Then, repeat this placement symmetrically to the right.

Step 43.7
Place a light purple 1x2 plate horizontally upright on the left facing side studs.
Then, repeat symmetrically to the right.
Place your part horizontally upright on the front facing side studs of the main build so it is centered horizontally.
This is the front casing of the typewriter.

47. Let’s make two identical side casings.
Step 44.1
Place a light purple 2x4 plate horizontally in front of you.
Step 44.2
Horizontally place a light purple 2x4 tile on the 3 left columns of the ppp so it overhangs 1 column to the left.
Step 44.3
Place another light purple 2x4 tile horizontally on the rightmost column so it overhangs 3 columns to the right.
Step 44.4
Now, place the 3 left columns of a light purple 2x6 plate horizontally under the 3 right columns of the ppp so 3 columns are exposed to the right.
Step 44.5
Next, horizontally place the left 3 columns of a light purple 2x4 tile on the ppp so it overhangs 1 column to the right.
Step 44.6
Flip the part upside down so it is horizontal.
Then, horizontally place the left column of 2 light purple 1x2 short curved slope bricks with plate, one in front of the other, on the rightmost column of anti-studs so they slope and overhang 1 column to the right.

Step 44.7.1
Let's make a part.
Place a light purple 1x2 brick horizontally in front of you.
Then, place a light purple 1x2 plate horizontally on top.

Step 44.7.2

Vertically place 2 1x2 short curved slope bricks with plate on top of the ppp so they slope to the front and overhang 1 row to the back.
Flip this part upside down and place it vertically on the leftmost column of your part so it slopes and overhangs 1 column to the left.
Now you have 2 identical parts.
Place one part horizontally upright on the left facing side studs of the main build so the 1x2 brick is in the back. It should fit into the gap at the back left corner of the typewriter.
Place the second part symmetrically to the right.

48. Vertically place a light purple 1x2 plate on the front 2 rows of studs on the leftmost column.
Then place a 1x1 light purple brick behind the ppp.
Finally, place a light purple 1x2 brick vertically behind the ppp.
Now, repeat all 3 placements symmetrically to the right.

49. Place a 1x1 tan plate with side stud hanging down on the 2nd row of studs from the front on the leftmost column so its side stud faces the left.
Then, place another symmetrically to the right.

50. Vertically place the back row of a light purple 1x2 short curved slope brick with plate on the ppp, so it slopes to the front.
Repeat symmetrically to the left.

51. Vertically place a light purple 1x4 tile on the studs on the leftmost column.
Then place another symmetrically to the right.

52. Place the center anti-stud of a medium stone gray 2x2 round tile on the left facing side stud.
Then repeat this placement symmetrically to the right.

53. Horizontally place a light purple 1x8 plate on the 9th row from the back so it is centered horizontally.
It should sit behind the back row of the keyboard.
Then, place a black 1x6 arch brick behind the ppp so it is centered horizontally.

54. Horizontally place 6 light purple 1x2 curved slope bricks, one to the right of the other, on the 9th row from the back so they slope to the front.

55. Horizontally place a light purple 1x4 tile on the 8th row from the back so it is centered horizontally.
Then, place the front row of a light purple 4x4 plate with inside curve on the 4 columns to the left of the ppp so its back row sits on the 5th row from the back, and the inside curve faces the back right.
Place another symmetrically to the right.
Now, horizontally place 2 medium stone gray 1x2 curved sloped bricks, one to the right of the other, on the 5th row from the back so together they are centered horizontally and slope to the front.

56. Let's make 4 identical parts.
Place a 2x2 tan round plate in front of you.
Then, place a blue 1x1 round plate in between the 4 studs of the ppp.
Now you should have 4 identical parts.
Flip the typewriter upside down so the keyboard is in the front.
Then flip each part upside down.

Place one on the larger round anti-stud between the 1st and 2nd rows from the front on the 1st and 2nd columns from the left.
Repeat this placement symmetrically to the back.
Now, repeat both placements symmetrically to the right.
Finally, flip the typewriter right side up so the keyboard is in the front.

Let us open Bag 3 to continue building.

Group 7
Let's make a part!

57. Horizontally place a dark gray 2x14 plate in front of you.
Then place a gray 2x2 round plate with axel hole on the 2 leftmost columns.
Now, repeat this placement symmetrically to the right.

58. Vertically place a gray 2x4 double inverted slope brick with 2x2 cutout under the 2 leftmost columns so its front and back rows are exposed and slope to the front and back.
Then, repeat this placement symmetrically to the right.

59. Vertically place a dark gray 1x2 brick with pin hole on the leftmost column so the hole faces left and right.
Then, horizontally place the left column of a gray 1x2 slope brick in front of and behind the ppp so they both slope to the right.
Now, repeat these 3 placements symmetrically to the right.

60. Let's make two identical parts.

57.1 Horizontally place a black 1x3 plate in front of you.
Then place a medium stone gray 1x2 plate with upright pin hole horizontally on the 2 right columns of the ppp so the pin hole is over its middle stud.

57.2 Horizontally place a medium stone gray 1x2 tile with slope tile on the rightmost column so it slopes and overhangs to the right.
Place a medium stone grey 1x1 slope tile on the left most column so it slopes to the left.
Now you should have 2 identical parts.
Vertically place the first part on the leftmost column of your previous part so the 1x1 slope tile faces the back.
Then, repeat this placement symmetrically to the left.

61. Horizontally place a medium stone gray perpendicular 2l axel connector in front of you so the hole is on the right and faces up and down, and the axel faces the left.
Insert the axel of a blue 2l pin axel into the top facing axel hole.
Then, attach a medium stone gray 2l axel connector to the left facing axel.
Now, insert a red 2l notched axel into the left facing axel hole.
Lastly, attach a medium gray ball joint with axel hole to the left facing axel hole.
Now, attach the top facing pin of the sub build to the top right facing pin hole on the rightmost column of the build.

62. Rotate the ppp so the ball joint faces the back.
Now, place a yellow 2x2 round brick with axel hole under the 3rd and 4th columns from the left.

63. Rotate the main build so the keyboard faces the back.
Then rotate the sub build so the 2x2 round yellow brick faces down and is on the left.
Attach this part to the leftmost 2x2 area of studs on the front 2 rows.

64. Let's make a part.

Step 61.1
Horizontally place a black 10l axel in front of you.
Then horizontally attach one end of a medium stone gray 2l axel connector to the left end of the ppp.

Step 61.2
Attach a black wheel to the right facing axel and push it all the way to the left.
Then, attach 3 medium stone gray 2l pin connectors to the right facing axel and push them all the way to the left.
Now, attach another black wheel to the right facing axel and push it to the left as far as it will go.

Step 61.3
Attach a medium stone gray 2l axel connector to the right facing axel.
Now horizontally align your part with the bottom left and right facing pin holes at the front of the typewriter so it sits between them.

65. Let's make two identical parts.
Place a black 2x2 round ridged brick with axel hole in front of you.
Then, place a black 2x2 round tile on top of the ppp.
Flip the part upside down and insert a yellow 3l axel into the center axel hole and push it all the way back.
Now you should have 2 identical parts.
Attach the first one to the bottom right facing pin hole at the front of the build so the axel connects with the 2l gray axel connector which sits to the left of the pin hole.
Then, attach the second part symmetrically to the left.

Group 8

66. Let's make another part – the paper to go in the typewriter!

63.1Place a white 4x8 plate horizontally in front of you.

Step 63.2
Horizontally place a white 2x6 tile on the ppp so it is centered horizontally and vertically.

Step 63.3
Vertically place a white 2x6 tile on the leftmost column so it is centered vertically and 1 column overhangs to the left.
Now, place another symmetrically to the right.
Next, horizontally place a white 2x6 tile on the remaining studs of the front row so it overhangs 1 row to the front.

Step 63.4
Place a white 2x2 inverted round tile with rounded bottom in front of you.

Then, horizontally place a white 1x2 plate with clip on the long side on the back row of the ppp so the clip faces the back.
Flip the paper build upside down so the gap faces the back.
Place the part on the front 2 rows of the paper build so it overhangs 1 row to the front, and the clip faces the front.

Step 63.5.1
Horizontally place a white 2x6 tile in front of you.

Step 63.5.2
Find the three stickers and stick one of them on the ppp. One of the stickers reads “Once upon a time”, the second sticker reads “Every big idea starts small” and the third sticker reads “To rebuild, or not to rebuild”.

- Flip the paper build right side up.
- Then place the ppp horizontally on the back row.

Step 63.6
Find two more white 2x6 tiles and stick the remaining two stickers on them.
You can decide what text the ‘paper’ should have on it. connect the paper build to the typewriter by attaching it horizontally upright to the 2 hinge fingers located behind the 3 pin connectors at the front of the typewriter so the tiles face the back.
Then, you can rotate the typewriter 180 degrees, so the keyboard faces the front.

Group 9
67. Let’s make a stalk of flowers!
Step 64.1
Hold a lime green angled axel and pin connector vertically upright so the top axel hole points straight up and the angled end faces the bottom right.
Insert a bright green 3l bar into the top facing axel hole.

Step 64.2.1
Let’s make a part! Place a Magenta crown in front of you.
Place a bright green telescope bar on top of the ppp.

64.2.2 Place a magenta crown on the ppp.
Attach the bottom of your part to the bright green 3l bar connected to the angled axel and pin connector.

Step 64.3
Now, insert a bright green 3l bar into the top hole of the magenta crown.

Step 64.4
Place a bright purple 1x1 flower plate on top of a magenta crown.

- Then, attach the bottom of the magenta crown to the top facing bar.

You have completed creating a stalk of flowers!
Now place this stalk of flowers on the main assembly by attaching the bottom right facing axel hole of your flower stalk to the right 1x1 brick with vertical handle located on the 5th and 6th columns from the right near the back of the hollow area just in front of the paper so it angles to the right.

Group 10

68. Let’s make another stalk of flowers!

Step 65.1
Hold a lime green 2l axel connector vertically upright and insert a bright green 3l bar into the top facing axel hole.

Step 65.2
Attach the anti-stud of a lime green 1x1 brick with 4 side studs to the ppp and push it all the way down.

Step 65.3
Place a lime green 1x1 round plate with 3 leaves upright on the front facing side stud so the leaves face up.

Step 65.4.1
Let’s make a part. Place a Magenta crown in front of you. Then place a bright green telescope bar on top of the ppp.

Step 65.4.2
Place a Magenta crown on top of the ppp. Then attach the anti-stud of your part to the bar at the top of the lime green axel connector.

Step 65.5
Insert a bright green 3l bar into the center stud of the ppp.

Step 65.6.1
Let's make another part. Place a Magenta crown in front of you. Then, place a bright green telescope bar on top of the ppp.

Step 65.6.2
Place another Magenta crown on top of the ppp. Now, attach the anti-stud of your part to the top facing bar of the previous part.

Step 65.7
Insert a bright green 3l bar into the center stud of the ppp.

Step 65.8
Place a bright purple 1x1 round flower plate on the center stud of a Magenta crown. Then, attach the anti-stud of the crown to the top facing bar of your part.

You have completed the flower stalk!

Now place this flower stalk on the typewriter by attaching the bottom facing axel hole of your flower stalk to the 1x1 brick with upright handle to the left of the previous flower stalk.

Group 11

69. Let’s make a flower!

Step 66.1
Place a bright green 2x2 round jumper plate in front of you.
Then, place a lime green 1x1 round plate with 3 leaves on top of the ppp so the leaves face the front.

Step 66.2
Now, place a bright green angled bar with stud on the ppp so the stud faces the front.
Then, place this part on the front 2 rows on the 2 right columns of studs on the build. It should sit in front of the two flower stalks at the right of the build.

70. Let's make another part.

Step 67.1
Place a yellow orange 2x2 flower brick with axel hole in front of you.

Step 67.2
Place a yellow 1x1 round plate with 3 leaves on the front right stud so the leaves face the front right.
Then repeat symmetrically to the left.
Now, repeat both parts symmetrically to the back.

Step 67.3
Vertically place a lime green 1x2 jumper plate on the left column of the part. Then repeat symmetrically to the right.

Step 67.4
Horizontally place a lime green 5x6 sword leaf on the two ppp so the clip faces the right.

67.5 Flip the part upside down and place a white 2x2 inverted dome brick on the center anti studs.

67.6 Attach the bar of a bright green 1x1 round tile with upright bar to the right facing clip so the bar faces up.
Then attach the ppp to the angled bar with front facing stud on the right side of the typewriter, so that the flower faces front right.

Group 12

Let's make a flower!

71. Vertically place 2 bright green 1x2 rounded plates with leaf, one to the right of the other on the back row of the 2 left columns of the front row of free studs, so the leaves overhang to the front.
Then place a lime green 1x1 round plate with hollow stud behind each of the ppp.

72. Place a bright green 2x2 round jumper plate in front of you.
Then horizontally place the right column of a green 1x2 rounded plate with leaf on the ppp so the leaf faces the left.
Now, insert a reddish brown mechanical claw into the right stud of the ppp so the claw hands face the front and back.
Place this on the front two rows and the two left columns of studs on the main build, so the leaf faces the front left.

73. Place a bright yellow 2x2 inverted radar dish upside down in front of you.
Then, insert a tan 3l bar into the center anti stud.

74. Attach a bright yellow technic wheel with knobs to the top facing bar.

75. Let's make four identical parts.

Step 72.1
Place a dark blue 1x2 plate horizontally in front of you.
Then, place a medium azure 1x2 rounded plate with hollow studs horizontally on the ppp.
Now, place another dark blue 1x2 plate horizontally on the ppp.

Step 72.2
Horizontally place a dark blue 1x2 inverted curved slope tile under the left column of the part so it slopes and is exposed 1 column to the left.
Then place another symmetrically to the right.

Step 72.3
Place a tan 1x1 round plate with horizontal bar on the leftmost column so the bar faces the left.
Then, place a medium azure 1x1 round plate on the rightmost column.

Step 72.4
Horizontally place a dark blue 1x2 curved slope tile on the 2 left columns so it slopes to the left.
Then, place another symmetrically to the right. This is one petal. Repeat steps 72.1 to 72.4 three times.
Now you should have 4 identical parts.
Attach the bar of each part to each of the top facing holes in the technic wheel with knobs so it sits vertically upright.

76. Attach a lime green 1x1 round plate with hollow stud to the bottom facing tan 3L bar.

77. Attach the bar hole of a lime green bar holder with handle to the bottom facing bar. This completes the flower.

78. Attach the handle of the lime green bar holder with handle to the upright reddish brown mechanical claw on the front left of the typewriter so the flower faces up. Your typewriter with flowers is now complete!

Congratulations on finishing the main build! Next up, we will build the Flowerpot with pen and notebook.

Bags 1-3 – Flowerpot with pen.
Group 1 – Steps 1-8
Group 2 – Steps 9-17
Group 3 – Steps 18 – 23
Group 4 – Steps 24.1 – 24.6
Group 5- Steps 25 – 27
Group 6- Steps 28 – 35
Group 7 – Steps 1-8
Group 8 – step 1-4

Let’s get to building!

Building Instructions (Bags 1-3), Book 2):

Group 1 – Building the Base of the Flowerpot (Steps 1-8)

1. Horizontally place a medium stone grey 2x4 plate in front of you.
   Then, vertically place a light purple 1x2 plate on the leftmost column of the ppp.

2. Vertically place two medium azure 1x2 plates, one to the right of the other, to the right of the ppp.
   Then, vertically place a light purple 1x2 plate to the right of the ppp.

3. Place a medium stone gray 1x1 brick with side stud on the front left corner so the side stud faces the front.
   Then, repeat symmetrically to the right.
   Now, horizontally place a medium azure 1x2 brick with 2 side studs between the 2 ppp so the side studs face the front.

4. Rotate the build 180 degrees.
   Place a medium stone gray 1x1 brick with side stud on the front left corner so the side stud faces the front.
   Then, repeat symmetrically to the right.
   Now, horizontally place a medium azure 1x2 brick with 2 side studs between the 2 ppp so the side studs face the front.

5. Place the top row of a black 2x4 brick horizontally upright on the front facing side studs.
   Then, place another symmetrically to the back.

6. Let's make two identical parts.
   Place a white 2x2 plate with 1x2 upright side studs horizontally in front of you so the side studs face the front.
   Then, horizontally place a medium azure 1x2 plate on the back row.
   Now that you have two identical parts,
   Place the first part horizontally on the two left columns of the build so the side studs face the front.
   Now, repeat symmetrically to the right.

7. Vertically place a medium stone gray 1x2 log brick on the leftmost column.
   Then, repeat symmetrically to the right.
   Now, place a medium azure 1x2 brick with 2 side studs horizontally between the 2 ppp on the front row, so the side studs face the front.
   Finally, repeat this placement symmetrically to the back.

8. Let’s make two identical parts.

Step 8.1
Place a white 2x2 plate with upright 1x2 side studs in front of you so the side studs face the front.
Then horizontally place the right two columns of a light purple 1x4 plate on the back row so it overhangs 2 columns to the left.

Step 8.2
Place the back row of another white 2x2 plate with upright 1x2 side studs under the left overhang so the side studs face the front.

Step 8.3
Place a medium stone grey 2x2 tile with two studs on the two left columns, so the studs are in the front.
Then place a medium stone gray 2x2 round plate with axel hole to the right of the ppp.
Now you should have two identical parts.
Rotate one part so it is horizontal and the side studs face up.
The 2x2 tile with two studs should be on the right.
Place its top row horizontally upright on the front facing side studs.
Then, place the other sub build symmetrically to the back.

Group 2 – Casing for the Flowerpot

9. Let's make two identical parts.

9.1 Horizontally place a light purple 1x4 brick in front of you.
Then place a light purple 1x2 brick horizontally on the left two columns of the ppp.

9.2 Horizontally place another light purple 1x2 brick to the right of the ppp.

Step 9.3
Horizontally place a light purple 1x2 curved slope brick on top so it is centered horizontally and slopes to the back.

Step 9.4
Vertically place the back row of a short light purple 1x2 curved slope brick with plate on the leftmost column so it slopes to the back and overhangs 1 row to the front.
Then, repeat symmetrically to the right.

Step 9.5.1
Let's make a part.
Horizontally place a light purple 2x4 plate in front of you.
Then, place a light purple 2x4 tile on the back row so it overhangs 1 row to the back.

Step 9.5.2
Place another light purple 2x4 tile symmetrically on the front row.
Now, rotate the previous part upside down so the right column is vertically upright and the 2 overhanging 1x1 plates face the left.
Flip the current part so it is upside down and one column of anti-studs is exposed to the left and right.

Attach the right column of anti-studs to the left column of studs on the previous part.

Step 9.6.1
Let's make a part.
Horizontally place a light purple 1x4 brick in front of you.
Then horizontally place a light purple 1x2 curved slope brick on the ppp so it is centered horizontally and slopes to the front.

Step 9.6.2
Vertically place the front row of a short light purple 1x2 curved slope brick with plate on the left column so it slopes to the front and overhangs 1 row to the back.
Then, repeat symmetrically to the right.
Flip this part upside down so it is vertical and the overhanging 1x1 plates are on the right.
Attach these plates to the leftmost column of anti-studs on the previous part.
Bring back the main build so the side studs face the front and back.
Rotate one part so it is upright and the 2x4 tiles face the front and the longer stack of bricks is on the left.
In this position, attach it to the front facing side studs.
Place the second part symmetrically to the back.

10. Horizontally place a light purple 2x6 plate on top so it is centered vertically.

11. Horizontally place a light purple 2x6 plate on the front row of studs so its front row sits on the upright parts.
    Then, repeat this placement symmetrically to the back.

12. Vertically place a light purple 2x4 brick on the back left corner.
    Then place a light purple 1x2 curved sloped brick horizontally to the right of the back row of the ppp so it slopes to the front.
    Now, horizontally place a light purple 1x2 slope brick on the 2nd row from the front on the two left columns so it slopes to the right.

13. Horizontally place a light purple 1x2 brick on the back right corner.
    Then, vertically place a black 2x4 brick on the build so it is centered horizontally and vertically. It should sit in front of the 1x2 curved slope brick.

14. Find one light purple 2x1 slope. Horizontally place it in front of the light purple 1x2 brick from step 13, so that the slope faces the black 2x4 brick from step 13. There are two rows of 4 free studs in front of it.
    Horizontally place a light purple 1x2 slope brick on the 2nd row from the back of the two right columns so it slopes to the left.

15. Horizontally place a light purple 1x2 brick on the front left corner.
    Then horizontally place a light purple 1x2 curved slope brick to the right of the ppp so it slopes to the back.
    Now, vertically place the front row of a light purple 2x4 brick to the right of the ppp.

16. Vertically place a light purple 1x2 tile on the back left corner of the build.
    Then, place another light purple 1x2 tile vertically on the front right corner.

Next, horizontally place a light purple 1x4 tile to the left of the ppp.
Then place another symmetrically on the back row.
Then, vertically place another light purple 1x4 tile on the front left corner.
Now, vertically place another light purple 1x4 tile on the back right corner of the build.
There should now be a 4x4 area of studs at the center of the build.

17. Place a tan 2x2 round plate with axel hole on the back left corner of the studs.
    Then, place another on the front right corner.
    Now, place a gray 2x2 round plate with axel hole on the front left corner.
    Then, place another on the back right corner of the studs.

Group 3 – Adding a few leaves and small flowers.

18. Horizontally place a bright green 1x2 rounded plate with leaf on the back right corner so the leaf faces the left.
    - Then, horizontally place a lime green 1x2 rounded plate with hollow studs in front of the ppp.
    - Now, place a bright green 2x2 round jumper plate in front of the ppp.
    - Place a bright green 1x2 rounded plate with leaf vertically on the front right corner so the leaf faces the front.
    - Then, place a bright green 2x2 round jumper plate on the back right corner.
    - Now vertically place a lime green 1x2 rounded plate with hollow studs on the 2nd column from the right on the front two rows.

19. Place a bright purple 1x1 round flower plate on the leftmost column on the 2nd row from the back.
    Then, vertically place the front row of a bright green 1x2 jumper plate to the right of the ppp.

20. Place a bright purple 1x1 round flower plate on the front row on the second column from the right.
    Then horizontally place the left column of a bright green 1x2 rounded plate with leaf behind the ppp so the leaf faces the right.

21. Place a lime green 1x1 round plate with 3 leaves on the back left corner so the leaves face the back.
    Then, place another on the rightmost column on the 2nd row from the front so the leaves face the front.

22. Let's create a part.

Step 22.1
Place a magenta crown in front of you.
Then, place a medium azure 1x1 round plate on top of the ppp.

Step 22.2
Place a white 1x1 round tile on top of a medium azure 1x1 round plate.
Then, place the stacked plates on top of a magenta crown.
Now, place this part on top of the previous part.
Place your part on the 1x2 jumper plate which sits on the 2nd column from the left on the back 2 rows.

23. Place a magenta crown in front of you.
    Then place a medium azure 1x1 round plate on top.
    Now, place a white 1x1 round tile on the ppp.
    Place your part on the front row on the 2nd column from the right.

Group 4 – A tall flower

24. Let's make a tall flower.

Step 24.1
Place a magenta crown in front of you.
    Then place a medium azure 1x1 round plate on the ppp.

Step 24.2
Repeat the previous step.
    Then, place the new part on top of the previous part.

Step 24.3
Place a magenta crown on the ppp.
    Then place a medium azure 1x1 round plate on the ppp.

Step 24.4
Repeat the previous 2 placements.

Step 24.5
Place a white 1x1 round tile on top of the ppp.

Step 24.6
Insert a bright green 3l bar into the bottom of the flower so about 1l protrudes to the bottom.
    Attach the bar of your part to the lime green 1x1 round plate with 3 leaves that is on the front right column of the build.

Group 5 – A yellow flower

25. Let's create a yellow flower.

Step 25.1
Place a tan 2x2 plate with axel hole in front of you.
    Then, place a yellow 1x1 round plate with leaf on the back right corner so the leaves face the back right.

Step 25.2
Repeat the last placement symmetrically to the front.
    Now, repeat both placements symmetrically to the left.

25.3 Place a yellow 2x2 round brick on top.

Step 25.4
Insert a red 2l notched axel into the axel hole of the ppp so 1l protrudes to the top.

Step 25.5
Attach a lime green 2l angled axel and pin connector to the ppp so the other axel hole faces the top right.
Then, insert a bright green 3l bar into the axel hole of the ppp.
Flip your part upside down and attach the 3l bar to the 2x2 bright green round jumper plate on the front left corner of the flowerpot, so the anti-stud faces the front left.

26. Place a white 2x2 inverted dome brick upside down in front of you.
Then place a yellow 2x2 inverted radar dish on the ppp.
Now flip your part over and attach the inverted dome brick to the front facing anti-studs of the flower on the front left corner of the build.

27. Horizontally attach the clip of a lime green 5x6 sword leaf with clip to the bar at the bottom of the same flower so the leaf faces the left and its anti-studs face up.

Group 6 – A blue flower

28. Let's make a blue flower.
Place a lime green 1x1 round plate with open stud in front of you.
Then, place a lime green 1x1 brick with 4 side studs on the ppp.

29. Attach the previous part between the 4 studs of a yellow 2x2 round flower plate with axel hole.

30. Let's make a part.

Step 30.1
Place a bright green bar with angled stud in front of you so the stud is in the back and facing up.
Then, attach a lime green 1x1 round plate with open stud to the stud of the ppp.

Step 30.2
Attach a bright green 3l bar to the ppp.
Now, insert the 3l bar into the top of the bright green 1x1 brick with 4 side studs so the angled bar faces the left.

31. Place a bright green telescope bar in front of you.
Then, place a lime green 1x1 round plate with open stud on the ppp.
Now, attach the bottom of your part to the left facing bar of the flower build.

32. Let's make four identical petals.

Step 32.1
Place a dark blue 1x2 inverted curved slope tile horizontally in front of you so it slopes to the left.
Then place a tan 1x1 round plate with horizontal bar on the right column of the ppp so the bar faces the right.

Step 32.2
Horizontally place a medium azure 1x2 rounded plate with open studs on top.

Step 32.3
Vertically place a dark blue 1x2 curved slope tile on the right column so it slopes and overhangs 1 row to the front.

Step 32.4
Place a dark blue 1x2 curved slope tile on the left column so it slopes and overhangs 1 column to the left. Now you should have 4 identical petals.
Connect the tan bar of each petal to the side studs of the lime green 1x1 brick with 4 side studs so the 1x2 curved slope tiles face up.

33. Hold a lime green 2l axel connector vertically upright and insert a bright green 3l bar into each axel hole.
    Attach this to the 1x1 lime green round plate with hollow stud on top of the telescope bar.

34. Rotate the flower so the anti-studs of the yellow orange 2x2 flower plate face the front.
    Then, place a medium azure 1x1 round plate in the center of the front facing anti-studs. You have completed making the blue flower.

35. Attach the bright green bar of the flower to the 2x2 bright green round jumper plate on the back right corner of the flowerpot so the anti-stud of the 2x2 flower plate faces the front right.

    You have completed making the flowerpot! Now, let's make a pen.

Group 7 - Pen

1. Hold a medium stone gray 2l axel connector vertically upright in front of you.
   Insert a bright green 3l bar into the top facing axel hole.

2. Stack two lime green 1x2 rounded plates with open studs horizontally in front of you.
   Then, attach the right column of the stack to the top facing bar so it overhangs to the left.

3. Attach a medium azure 1x1 round brick with open stud to the top facing bar.

4. Lay your part on the table so it is vertical and the axel hole faces the front.
   Then vertically attach a dark gray 10l axel to the front facing axel hole.

5. Attach 3 medium stone gray 2l pin connectors to the front facing axel.
   Then attach 2 black wheels in front of the ppps.

6. Attach a medium stone gray 2l axel connector to the front facing axel.
   Then, insert a tan 3l bar into the front facing axel hole.

7. Attach a dark gray 1x1 cone brick to the front facing bar so the narrow end faces the front.

8. Hold a lime green bar holder with handle vertically upright so the hole faces the top.
   Then insert a bright green 3l bar into the top facing hole.
   Now, insert the top facing bar into the left column of anti-studs of the stacked 1x2 rounded plates with open studs near the back of the pen.

   You have completed making the pen!

   Now, let's make a notebook.

Group 8 - Notebook

1. Vertically place a white 4x8 plate in front of you.

Then, horizontally place a white 2x6 tile on the 2nd and 3rd rows from the back so it is centered horizontally.

2. Let's make a part.

2.1 Horizontally place a white 2x6 tile in front of you.
2.2 Attach the sticker that reads "To rebuild, or not to rebuild…", to the 2x6 tile.

Then, place the tile horizontally on the back row so it is centered horizontally and overhangs 1 row to the back.

3. Let's make a part.

3.1 Horizontally place a white 2x6 tile in front of you.
3.2 Attach the sticker that reads "Every big idea starts small.",
to the tile.
AND
3.1 Horizontally place a white 2x6 tile in front of you.
3.2 Attach the sticker that reads "Every big idea starts small.", to the tile.
Now, you can switch the tile at the top of the notebook with any of the stickered tiles.

4. Horizontally place a white 2x6 tile on the 4th and 5th rows from the back so it is centered horizontally.

Then, place another horizontally in front of the ppp.
Finally, place one more white 2x6 tile horizontally on the front row so it is centered horizontally and overhangs 1 row to the front.

Next up, we will build the keytar toy on a stand with flowers.

Bags 1-3 – Keytar toy on a stand with flowers

Group 1 – The Keytar
Steps 1-21

Let's get to building!

1. Horizontally place a dark grey 2X14 plate in front of you.
   Then, horizontally place a light purple 1x8 plate on the right eight columns of the back row of the ppp.

2. Place a black 2x2x2/3 curved slope brick with two studs centered horizontally on the front row of the build, so that it overhangs one column to the front and the slope faces the back.

3. Horizontally place a light purple 1x4 plate on the four left columns of the back row of the build.
   Then, horizontally place a light purple 1x2 plate to the right of the ppp.

4. Horizontally place a light purple 1x2 plate on the 2 left columns of the back row.
   Then, repeat symmetrically to the right

5. Horizontally place 5 light purple 1x2 curved sloped bricks, one to the left of the other, to the left of the ppp so they slope to the back.

6. Horizontally attach a black 1x12 plate under the front overhanging row so it is centered horizontally.

7. Vertically place the back row of a black 2x4 brick on the 5th and 6th columns from the left of the 2nd row from the back.
   It should overhang the build 2 rows to the front.
   Repeat symmetrically to the right.
8. Horizontally attach the back 2 rows of a white 4x12 plate under the 2 front overhanging rows so it is centered horizontally and 2 rows are exposed to the front.

9. Vertically place a black 2x4 brick on the 2nd and 3rd columns from the left of the 2nd through 5th rows from the back.
   Then, vertically place a light purple 2x4 brick to the left of the ppp so the front 3 rows overhang 1 column to the left.
   Now, repeat these 2 placements symmetrically to the right.
   Lastly, place a black 2x2x2/3 curved slope brick on the 3rd and 4th rows from the front so it is centered horizontally and it slopes to the front.

10. Place the back 3 rows of the right column of a light purple 4x4 plate with inside curve under the left overhanging column of the 3rd through 5th rows from the back so the inside curve faces the back left.
    1 row should be exposed to the front and 3 columns should be exposed to the left.

    Now, place the back 3 rows of a black 1x5 plate vertically under the right overhanging column of the 3rd through 5th rows from the back so 2 rows are exposed to the front.

11. Place a tan 2x2 round plate with axel hole on the 4th and 5th rows from the front so it is centered horizontally.
    It should sit on the studs of the 2 curved slope bricks.
    Then, horizontally place a dark gray 1x2 technic brick with a pin hole on the 2nd row from the front so it is centered horizontally.
    Place a gray 1x2 slope brick horizontally to the left of the ppp so it slopes to the right.
    Next, horizontally place a light purple 1x2 brick to the left of the ppp.
    Finally, repeat the last 2 placements symmetrically to the right.

12. Horizontally place a medium stone gray 1x4 brick with horizontal groove on the third to the 6th columns from the left of the front row of the build, so that the groove faces the back.
Then, horizontally place another medium stone gray 1x4 brick with horizontal groove to the right of the ppp so that the grooves face back.
Now, place a light purple 1x1 brick to the right of the ppp.
Horizontally place a light purple 1x2 brick to the right of the ppp.

13. Let's make a part.
13.1 Place a light purple 1x2 plate horizontally in front of you.
Then, horizontally place a light purple 1x4 brick on the right 2 columns of the ppp so it overhangs 2 columns to the right.
13.2 Place a medium stone grey 1x1 brick with side stud to the left of the ppp, so that the side stud faces the front.
Horizontally, place this part on the two free studs on the 4th and 5th columns from the left at the front row of the assembly.

14. Vertically place a light purple 1x2 short curved sloped brick with plate on the leftmost column of the back 2 rows so it slopes to the back.
Then, place another to the right of the ppp so it also slopes to the back.
Now, repeat the last 2 placements symmetrically to the right.

15. Horizontally place a light purple 1x2 plate in front of the 2 ppp.
Then horizontally place the front row of a light purple 2x4 plate to the left of the ppp.
Next, place a light purple 2x6 plate horizontally to the left of the ppp.
Lastly, place a medium azure 1x1 round plate to the left of the front row of the ppp.

16. Vertically place a dark blue 1x2 plate in front of the ppp.
Horizontally place a white 2x10 plate to the right of the ppp.
Now, vertically place a dark blue 1x2 plate to the right of the ppp.
Finally, vertically place a light purple 1x2 plate to the right of the ppp.

17. Vertically place a light purple 1x2 plate in front of the ppp.
Then, horizontally place two white 2x6 tiles one to the left of the other, to the left of the ppp.

18. Horizontally place a light purple 1x2 tile on the two right columns at the back row of studs of the build.
Now, horizontally place a black 1x3 plate to the left of the ppp.
Horizontally place a black 1x5 plate to the left of the ppp.
Then, horizontally place a black 1x2 jumper plate to the left of the ppp.

19. Horizontally place a light purple 1x4 tile on the right four columns of the third row from the back.
Now, place two more light purple 1x4 tiles, one to the left of the other, to the left of the ppp.

20. Vertically place a light purple 2x4 tile on the front right two columns of the front four rows of the assembly.
Now, vertically place a black 1x3 plate to the left of the back three rows of the ppp. It's front row should rest on the tile in front of it.

Then vertically place another black 1x3 plate to the left of the ppp, leaving one column of studs between them.
Vertically place another black 1x3 plate to the left of the ppp, leaving one column of studs between them.
Now, vertically place another black 1x3 plate to the left of the ppp, leaving two columns of studs between them.
Then, vertically place another black 1x3 plate to the left of the ppp, leaving one column of studs between them.
These black plates are the black keys of your keytar!

21. Place a white 1x1 round tile on the third column from the left on the back row of studs of the build.
Place another white 1x1 round tile to the right of the ppp.
Place another white 1x1 round tile to the right of the ppp, leaving one stud free in between them.
Place another white 1x1 round tile immediately to the right of the ppp.
Horizontally place a lime green 1x2 rounded plate with open studs to the right of the ppp.
Place a medium azure 1x1 round plate to the right of the ppp.
Place a bright purple 1x1 round flower plate to the right of the ppp.

Group 2 – The neck of the keytar
Steps 22- 33

Now, let's make the neck of the keytar!

22. Vertically place a tan 1x2 plate with 1x2 upright side studs in front of you so the side studs face the left.
Horizontally place a light purple 1x2 brick on the back row of the ppp, so that it overhangs one column to the right.

23. Place the back left corner of a light purple 2x4 plate under the right column of the ppp so 1 row is exposed to the front and 3 columns are exposed to the right.

24. Horizontally place a light purple 1x4 brick on the back row of the ppp, so that it overhangs one column to the right.

25. Horizontally place the back left corner of a light purple 2x6 plate under the right column of the ppp so 5 columns are exposed to the left and 1 row is exposed to the front.

26. Horizontally place a light purple 1x4 brick on the back row of the ppp, leaving one exposed stud on the right.
Horizontally place another light purple 1x4 brick to the right of the ppp, so that it overhangs three columns to the right.

27. Horizontally place 3 medium stone gray 1x4 bricks with horizontal groove, one to the right of the other, on the front row of your part so the grooves face the front and the rightmost brick overhangs 1 column to the right.

28. Vertically place a light purple 1x2 plate with 1x2 side studs hanging down on the leftmost column, so that the side studs face the left.

Now, horizontally place a light purple 2x4 tile to the right of the ppp.
Then, horizontally place a light purple 2x6 plate to the right of the ppp.

29. Place two white 1x1 round tiles, one in front of the other on the leftmost column of the build.
Place another white 1x1 round tile on the front row on the 6th column from the left.
Vertically place the front row a white 1x2 oval tile to the right of the ppp.
Now, place a white 1x1 round tile to the right of the ppp, on the front row.
Then, vertically place the front row of a white 1x2 oval tile to the right of the ppp.

30. Let's make a part.
30.1 Place a light purple 1x2 plate vertically in front of you.
Then, horizontally place the right column of a light purple 1x2 short curved slope brick with plate on the back row of the ppp so it slopes and overhangs to the left.

30.2 Repeat symmetrically to the front.
30.3 Vertically place a light purple 1x2 tile on the studs of your part.
Let's connect this part to the sub build.
Flip the part so that the ppp faces the left and the curved slope faces away from you and attach it to the four open studs at the left side of the sub build.

You have completed building the neck of the keytar!

31. Let's connect the neck to the body of the keytar.
Horizontally attach the right 3 overhanging columns of the back row of the neck to the 3 left columns of the 2nd row from the front of the main build so the curved sloped bricks are on the left.

32. Horizontally place a light purple 1x4 tile on the front row of studs between the neck and the body of the keytar.
Place a light purple 4x4 plate with inside curve behind the ppp so that the curve faces the back left.

33. Place a medium stone gray 2x2 round tile on the 12th and 13th columns from the left of the front 2 rows.
Then, place a light purple 2x2 tile on the left 2 columns of the back 2 rows of studs.
Now, vertically place a light purple 2x4 tile in front of the ppp.
You have completed making the keytar!

Group 3 – The Keytar Stand
Steps 1-28
Let's make the keytar stand.

1. Place a dark gray 1x8 plate with rail horizontally in front of you so the rail faces the back.
Then horizontally place a tan 1x2 plate with upright 1x2 side studs on the ppp so it is centered horizontally and the side studs face the front.

2. Horizontally place a medium stone gray 1x2 log brick to the right of the ppp.
Then, place 2 medium stone gray 1x1 bricks with vertical handle, one to the right of the other, on the 2nd and 3rd columns from the left so the handles face the back.

3. Horizontally place a yellow 1x2 brick with axel hole on your part so it is centered horizontally.
   Then, place a black 1x2 jumper plate to the right of the ppp.
   Now, place another black 1x2 jumper plate horizontally on the 2nd and 3rd columns from the left.

4. Vertically place a black 1x6 arch brick on the leftmost column so it overhangs 5 rows to the front.
   Repeat symmetrically to the right.

5. Horizontally place a dark gray 1x8 plate with rail under the front row of the build so it is centered horizontally and the rail faces the front.

6. Horizontally place a medium stone gray 1x4 brick with horizontal groove on the 2nd through 5th columns from the left of the front row so the groove faces the back.
   Then, horizontally place a medium stone gray 1x2 log brick to the right of the ppp.

7. Vertically place a gray 1x2 plate with upright pin hole on the back right corner of the build so that the pin hole faces you.
   Then, vertically place a gray 1x2 plate with upright bar on the back left corner of the build so that the upright pin hole is in the front and the hole faces the left and right.

8. Insert a red 2l axel into the front facing axel hole.
   Then, horizontally place a medium stone gray 1x8 tile on the back row of the build

9. Let's build a part.

9.1 Horizontally place a gray perpendicular 2l axel connector in front of you so the hole is on the right and faces up and down, and the axel connector faces the right. Attach a medium stone gray 2l axel to the left facing axel connector

9.2 Insert a yellow 3l notched axel into the left facing axel hole.

9.3 Slide a black wheel over the ppp.

9.4 Attach a medium stone grey ball joint with axel hole on the right facing axel.
   You have completed making the part. Attach the axel hole of your part to the back facing axel so it is vertically upright and the ball faces up.

10. Horizontally place a medium stone grey 2X4 plate on the front left corner of the build so that one row overhangs to the back.
    Then, vertically place a gray 1x2 wall panel behind the leftmost column of the ppp, so that the wall faces the left.
    Repeat both placements symmetrically to the right.

11. Place a lime green 1x1 round plate with 3 leaves in front of you so the leaves face the left.
    Then place a bright purple 1x1 round flower plate on top.
    Place this part on the front left corner of the build so the leaves face the left.
    Next place a gray 1x2 curved slope brick horizontally to the right of the ppp so it slopes to the front.
    Repeat symmetrically to the right.
    Finally, place a lime green 1x1 round plate with 3 leaves on the front right corner of the build so the leaves face the right.

12. Let’s make a part.
12.1 Place a lime green 1x1 round plate with open stud upside down in front of you.
Then place a bright green telescope bar on the ppp.

12.2 Attach the clip of a lime green 5x6 sword leaf to the ppp so the leaves face the left.

12.3 Attach your part to the upright bar on the back left corner of the build so the sword leaf is on top and faces the left.

13. Let’s make a yellow flower.
13.1 Place a tan 2x2 round plate with axel hole in front of you.
13.2 Place a yellow 1x1 round plate with 3 leaves on the front right stud so the leaves face the front right.
14. Then repeat symmetrically to the left.
15. Now, repeat both parts symmetrically to the back.
16. Step 13.3
17. Place a bright green 2x2 round jumper plate on the center of the build.
18. Step 13.4
19. Attach a yellow 2x2 inverted radar dish to the ppp.
20. Step 13.5
21. Attach the upright bar of a bright green 1x1 round tile with upright bar to the ppp.
22. Step 13.6
23. Flip the part so that the anti-stud of the tan 2x2 round plate with axel hole faces up.
24. Now place a bright green angled bar with stud on the central anti-stud of the tan 2x2 round plate so that the angled bar faces the right. The flower is now complete.
25. Rotate the main build180 degrees, so that the sword leaf is now on the front right.
26. Connect the flower to the build by attaching the angled bar to the telescope, so that the flower faces the right.

Group 4 – Magenta Flower
Steps 14 – 20

Start Building

Step 14
Hold a lime green angled axel and pin connector vertically upright so the top axel hole points straight up and the rest of the connector faces the bottom.
Insert a bright green 3l bar into the top facing axel hole.

Step 15
Horizontally slide the left column of a bright green 1x2 rounded plate with leaf onto the bright green top facing bar so that the leaf faces the right.

Step 16
Horizontally slide the left column of another bright green 1x2 rounded plate with leaf onto the bright green top facing bar so that the leaf faces the right slightly angled to the back of the ppp.

Step 17
Horizontally slide the left column of another bright green 1x2 rounded plate with leaf through the bright green top facing bar so that the leaf faces the right slightly angled to the back of the ppp.

Step 18
Let’s make a part.

Step 18.1
Hold a bright green telescope bar vertically upright.
Then place a lime green 1x1 round plate with open stud on top
Step 18.2
insert a bright green 3l bar into the ppp.
Step 18.3.1
Let's make a part!
Place a lime green 1x1 round plate with open stud in front of you.
Then, place a lime green 1x1 brick with 4 side studs on the ppp.
Step 18.3.2
Place a Magenta crown on top of the ppp.
Now, place a white 1x1 round plate on the center stud of the magenta crown.
Attach your current part to the top facing bar of the previous part so that the Magenta crown is on top.

Step 19
Let's make four identical parts!
Place a magenta crown in front of you.
The, place a white 1x1 round plate on top.
Now that you have four identical parts, place one upright on each of the four side studs below the previous crown.
You have completed making the magenta flower.

Step 20
Connect the flower to the main build by attaching the free end of the lime green angled axel and pin connector to the rightmost upright vertical handle so that it faces the front right on the front of the build.

Group 5 – Blue Flower
Steps 21-28

Step 21
Let's make a part.
Place a medium azure 1x1 round plate in front of you.
Then, place a tan 1x1 round plate with horizontal bar on the ppp so that the bar faces the left.

Step 22
Insert a tan 3l bar into the ppp.

Step 23
Let's make a part.
Step 23.1
Horizontally place a dark blue 1x2 inverted curved slope tile in front of you so it slopes to the right.
Then, horizontally place a dark blue 1x2 plate on the left column of the ppp so it overhangs 1 column to the left.
Step 23.2
Place a dark blue 1x2 plate horizontally on the two right columns of the part.
Step 23.3

Horizontally place a medium azure 1x2 rounded plate with open studs on the leftmost column so it overhangs 1 column to the left.

Step 23.4
Horizontally place a light purple 1x2 plate on the two right columns of the build.
Now, place a medium azure 1x1 round plate to the left of the ppp.
Step 23.5
Horizontally place a dark blue 1x2 plate on your part so it is centered horizontally.
Then, horizontally place a dark blue 1x2 curved slope tile on the two right columns of the build, so that the slope faces the right.
Bring back the previous part so the 3l bar faces up and the horizontal bar faces the left.
Connect the previous part to the current part by inserting the top facing bar into the leftmost anti-stud so the horizontal bar faces the left.

Step 24
Let's make another part.
Step 24.1
Horizontally place a dark blue 1x2 inverted curved slope tile in front of you so it slopes to the left.
Then, horizontally place a dark blue 1x2 plate on the right column of the ppp so it overhangs 1 column to the right.

Step 24.2
Horizontally place a dark blue 1x2 plate on the two left columns of your part.
Step 24.3
Place a medium azure 1x1 round plate to the right of the ppp.
Step 24.4
Horizontally place a light purple 1x2 plate on the two left columns of the build.
Then, place a medium azure 1x2 rounded plate with open studs horizontally to the right of the ppp so that it overhangs one column to the right.
Step 24.5
Horizontally place a dark blue 1x2 plate centered horizontally on the part.
Then, Horizontally place a dark blue 1x2 curved slope tile on the two left columns of the build, so that the slope faces the left.
Bring back the previous part so the 3l bar faces up and the horizontal bar faces the left.
Attach the rightmost anti-stud of your current part to the top facing bar
so the slope faces the back left.

Step 25
Attach a medium azure 1x1 round brick with open stud to the top facing tan 3l bar.

Step 26
Let's make a part.
Step 26.1
Horizontally place a dark blue 1x2 inverted curved slope tile in front of you so that the slope faces the right.
Step 26.2
Horizontally place a medium azure 1x2 rounded plate with open studs on the left column of the ppp so that it overhangs one column to the left.
Step 26.3

Place a medium azure 1x1 round plate on the right column of the ppp.
Then, place a dark blue 1x2 curved slope tile on the two right columns of the part.
Bring back the previous part so the 3l bar faces up and the horizontal bar faces the left.
Attach the leftmost anti-stud of the current part to the top facing bar so the slopes face the back right.

Step 27
Let's make a part.
Step 27.1
Horizontally place a dark blue 1x2 inverted curved slope tile in front of you so that the slope faces the left.
Then, place a medium azure 1x1 round plate on the right column of the ppp.
Step 27.2
Horizontally place a medium azure 1x2 rounded plate with open studs on ppp so that it overhangs one column to the right.
Step 27.3
Place a dark blue 1x2 curved slope tile on the two left columns of the part.
Bring back the previous part so the 3l bar faces up and the horizontal bar faces the left.
Then attach the rightmost anti-stud of your current part to the top facing bar so the slopes face the back right.

Step 28
Bring back the main build so the previously placed flowers face the front.
Rotate your current part so it is vertical, the bar faces down, and the blue slopes face the back.
Now, keeping this orientation, attach the bottom facing bar to the open stud of the 1x1 round plate with 3 leaves on the back left corner of the main build.

Group 6 – Note Stand
Steps 1 – 5

1. Vertically place a white 4x8 plate in front of you.
Then, horizontally place a medium stone gray 1x4 tile with 2 studs on the back row of the ppp
2. Let's make a part.
2.1 Horizontally place a white 2x6 tile in front of you.
2.2 Place the sticker that reads "Every big idea starts small" on the ppp.
Horizontally place your part on the 2nd and 3rd rows from the back of the main build so it is centered horizontally.
Then, horizontally place 2 more white 2x6 tiles, one in front of the other, in front of the ppp so they are centered horizontally.

3. Let's make two more parts.
3.1 Horizontally place a white 2x6 tile in front of you.
3.2 Place the sticker that reads "Once upon a time…" on the ppp.
AND
3.1 Horizontally place a white 2x6 tile in front of you.
3.2 Place the sticker that reads "To rebuild, or not to rebuild…" on the ppp.
You can now choose any of the three tiles with stickers to go on the note stand.

4. Horizontally place two medium stone grey 1x2 curved slope bricks one to the right of the other on the front row of the note stand so that the slope faces the front.

5. Flip your part upside down so it is vertical and the 1x2 curved slope bricks are in the front.
   Place a black 2x2 round ridged brick with axel hole in front of you.
   Then, place a medium stone gray 2x4 double inverted slope brick with 2x2 cutout horizontally on the ppp.
   Now, flip this part upside down and horizontally attach it to the front 2 rows of anti studs on your previous part so it is centered horizontally.

   Rotate the note stand so it is vertically upright, the tiles face the front, and the curved sloped bricks are at the bottom.

   The note stand is now complete. Keep it upright with the stickered tile facing the front.

   Flip the keytar stand so that the Magenta flower is at the back left, and place the keytar into the stand, with its neck facing up and the black and white keys facing the left.

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