40815 Birthday Party Cake
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Add a sweet touch to celebrations with this playful LEGO® Birthday Party Cake kit for boys, girls and loved ones aged 7 and up. The buildable birthday cake opens to reveal a hidden compartment where there are pink and yellow flowers to decorate the cake. Every birthday cake needs candles, and you'll find 10 of them included. Choose how many to add to this LEGO birthday cake toy so you can personalize the cake to reflect kids' ages.

This set makes a fun birthday gift that can be played with long after the celebrations are over. Why not create a family tradition and bring it out year after year as part of your birthday party decor? But it's not just for birthdays. This LEGO cake set is also a fun gift or decoration for any special occasion. So get ready to serve an extra slice of fun at your next celebration.

Buildable birthday cake kit – This LEGO® Birthday Party Cake kit for boys, girls and loved ones aged 7 and up comes with decorations and candles to build a customizable celebration cake.

LEGO® decorations – Add sugar-sweet birthday decorations to the cake with the flowers, swirls and candles.

Includes 10 candles – Celebrate birthdays by personalizing the cake with the candles to match a child's age or add all 10 to create a fun birthday decor display.

Hidden compartment – The birthday cake toy features a hidden compartment where the decorations can be stored, making this a LEGO® set that can be played with or displayed time after time.

Measurements – The main model in this 219-piece set measures over 2.5 in. (7 cm) high, 3.5 in. (9 cm) wide and 3.5 in. (9 cm) deep.

The front of the box shows a light yellow, lime green, and light blue cake covered in chocolate and candles!

The back of the box shows that you can take the top layer of cake off to reveal a hidden compartment!

The top of the box shows a real size image of a candle.

The build is 219 pieces in total and is for ages 7+.

Welcome to text-based instructions from Bricks for the Blind. Before you start building,
here are some terms we'll be using:
- In Front of/Front: towards you.
- Behind/Back: away from you.
- Up: towards the ceiling.
- Down: towards the floor.
- Stud: the bump on a LEGO brick. Example: A 2x1 brick has two studs on it.
- Vertically: with the longest side going from front to back
- Horizontally: with the longest side going from left to right.
- Upright: pointing up towards the ceiling.

- Standing upright: The piece is perpendicular to the ground, like a wall.
- Lying flat: The piece is parallel to the ground, like a piece of toast which fell off the table.
- That one/ppp: previously placed piece.
- Plate: piece with studs.
- Tile: smooth piece without studs (unless otherwise specified)
- A jumper plate is a 1x2 plate with a single stud on top, or a 1x3 plate with only two studs on top.
- "Anti-stud" is a term for the portion of a LEGO piece which accepts studs, like the bottom of a plate or brick.
- Symmetrically: a mirror image. Example: If you place a 2x1 brick with technic connector on the front wall at the right, connector to the front, and then place another such piece symmetrically on the back wall, at the right, the technic connector of the second piece should point to the back, since it will be placed symmetrically.
- Centered-vertically: even amount of space in front of and behind piece
- Centered-horizontally: even amount of space left and right of piece.
- Row: studs lined up horizontally (left to right/side to side).
- Column: studs lined up upright or vertically (top to bottom/back to front).

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

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

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

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/buildinginstructions/40815) 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 4 bags labeled 1 to 4, 1 set 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 - Birthday Party Cake
Group 1 - Steps 1-17.

Bag 2 - Birthday Party Cake
Group 2 - Steps 18-24.
Group 3 - Steps 25-30.
Group 4 - Steps 31-33.
Group 5 - Steps 34-39.
Group 6 - Steps 40-41.
Group 7 - Steps 42-45.

Bag 3 - Birthday Party Cake
Group 8 - Steps 46-54 and 4 brown 1x2 plates from Steps 55-56.

Group 9 - Rest of Steps 55-56 and Steps 57-58.

Bag 4 - Birthday Party Cake
Group 10 - Step 59.
Group 11 - Steps 60-61, and 2 light orange 1x1 round flower plates from Step 62.
Group 12 - Rest of Step 62.

Let's get to building!

Building Instructions (Bag 1, Book 1):

Group 1 - Birthday Party Cake

1. Place a tan 6x6 quarter circle plate in front of you so the curve faces the back right. Then horizontally place a tan 1x2 tile on the back row so 1 column overhangs to the left.

2. Place the back row of a tan 6x6 quarter circle plate underneath the overhang so the curve faces the back left.

3. Place a dark grey 2x2 tile on the 2nd and 3rd rows from the front so it is centered horizontally.

4. Horizontally place a dark grey 2x6 tile on the front row so it is centered horizontally and overhangs 1 row to the front.

5. Place 2 tan 6x6 quarter circle plates, 1 to the right of the other, underneath the front row so they are centered horizontally and the curves face the front left and front right.

6. Place a dark grey 2x2 tile on the 4th and 5th rows from the front so it is centered horizontally.

7. Horizontally place a light grey 1x6 plate on the 3rd row from the front so it is centered horizontally. Then repeat symmetrically to the back. Now vertically place a black 1x8 plate on the 3rd column from the left so it is centered vertically. Then repeat symmetrically to the right.

8. Horizontally place 4 pink 1x2 tiles with a round side, 1 to the right of the other, on the 2nd row from the front so together they are centered horizontally and the round sides face the front. Then repeat symmetrically to the back. Now vertically place 4 pink 1x2 tiles with a round side, 1 in front of the other, on the 2nd column from the left so they are centered vertically and the round sides face the left. Then repeat symmetrically to the right.

9. Horizontally place a white 1x6 brick on the 3rd row from the front so it is centered horizontally. Then repeat symmetrically to the back. Now vertically place a white 1x6 brick on the 3rd column from the left so it is centered vertically. Then repeat symmetrically to the right.

10. Place a white 1x1 brick with 2 side studs to the left of the 1x6 brick that is on the 3rd row from the front so the side studs face the left and front. Then repeat symmetrically to the right. Now repeat both parts symmetrically to the back.

11. Horizontally place a light grey 1x6 plate on the 3rd row from the front so it is centered horizontally. Then repeat symmetrically to the back. Now vertically place a black 1x8 plate on the 3rd column from the left so it is centered vertically. Then repeat symmetrically to the right.

12. Horizontally place a black 1x8 plate on the 3rd row from the front so it is centered horizontally. Then repeat symmetrically to the back.

13. Vertically place a light grey 1x6 plate on the 3rd column from the left so it is centered vertically. Then repeat symmetrically to the right.

14. Vertically place a brown 1x4 brick with 4 side studs on the 3rd column from the left so it is centered vertically and the side studs face the left. Then repeat symmetrically to the right. Now horizontally place a brown 1x8 brick in front of the 2 ppp so it is centered horizontally and sits on 2 studs. Then repeat symmetrically to the back.

15. Horizontally place 2 brown 1x4 bricks with 4 side studs, 1 to the right of the other, on the 3rd row from the front so they are centered horizontally and the side studs face the front. Then repeat symmetrically to the back.

16. Vertically place a pink 1x6 tile on the 4th column from the left so it is centered vertically. Then repeat symmetrically to the right. Now horizontally place a magenta 1x4 tile with 2 studs in between the front row of the 2 ppp so it is centered horizontally. Then repeat symmetrically to the back.

17. Vertically place 3 pink 1x2 tiles with a round side, 1 in front of the other, on the 3rd column from the left so together they are centered vertically and the round sides face the left. Then repeat symmetrically to the right. Now horizontally place 3 pink 1x2 tiles with a round side, 1 to the right of the other, on the 3rd row from the front so they are centered horizontally and the round sides face the front. Then repeat symmetrically to the back.

Building Instructions (Bag 2, Book 1):

Group 2 - Birthday Party Cake

18. Let's make a part! Place a brown 3x3 plate in front of you.

19. Horizontally place a light yellow 1x4 plate on the front row so 2 columns overhang to the left.

20. Place a brown 3x3 plate underneath the 2 leftmost columns so it is aligned with the previous 3x3 plate.

21. Place a lime green 2x2 tile on the back 2 rows on the 2nd and 3rd columns from the right.

22. Place a lime green 1x1 tile on the 2nd row from the back, on the 2nd column from the left. Then place a lime green 1x1 plate to the right of the ppp.

23. Horizontally place a brown 1x2 plate on the back row on the 2nd and 3rd columns from the left.

24. Place a lime green 2x2 sloped curved tile on the back left corner so it slopes and overhangs to the left. Then repeat symmetrically to the right.

Group 3 - Birthday Party Cake

25. Place a brown 1x1 tile on the rightmost stud of the back row. Then place 2 brown 1x1 tiles with a round side, one to the left and one in front of the ppp, so the round sides face the front.

26. Horizontally place your part upright on the left-facing side studs so it is centered horizontally, overhangs 2 rows to the bottom, and the rounded sides of the 2 ppp face down.

27. Let's make a part! Place a brown 3x3 plate in front of you.

28. Horizontally place a light yellow 1x4 plate on the front row so 2 columns overhang to the right.

29. Place a brown 3x3 plate underneath the 2 rightmost columns so it is aligned with the previous 3x3 plate.

30. Place a lime green 2x2 tile on the back 2 rows on the 2nd and 3rd columns from the left.

Group 4 - Birthday Party Cake

31. Place a lime green 1x1 tile on the 2nd row from the back, on the 3rd column from the right. Then place a lime green 1x1 plate to the right of the ppp.

32. Horizontally place a brown 1x2 plate on the back row on the 2nd and 3rd columns from the right.

33. Place a lime green 2x2 sloped curved tile on the back left corner so it slopes and overhangs to the left. Then repeat symmetrically to the right.

Group 5 - Birthday Party Cake

34. Place a brown 1x1 tile on the rightmost stud of the back row. Then place 2 brown 1x1 tiles with a round side, one to the left and one in front of the ppp, so the round sides face the front.

35. Horizontally place your part upright on the right-facing side studs so it is centered horizontally, overhangs 2 rows to the bottom, and the rounded sides of the 2 ppp face down.

36. Let's make 2 identical parts! Place a brown 3x3 plate in front of you.

37. Horizontally place a light yellow 1x4 plate on the front row so it overhangs 2 columns to the left.

38. Place a brown 3x3 plate underneath the 2 leftmost columns so it is aligned with the previous 3x3 plate.

39. Place a lime green 1x1 plate on the 2nd row from the back, on the 2nd column from the left. Then horizontally place a lime green 1x3 tile to the right of the ppp. Now horizontally place a brown 1x2 plate on the back row on the 2nd and 3rd columns from the left.

Group 6 - Birthday Party Cake

40. Place a lime green 1x1 tile on the back row to the right of the ppp. Then place a brown 1x1 plate to the right of the ppp.

41. Place a lime green 2x2 sloped curved tile on the back left corner so it slopes and overhangs to the left. Then repeat symmetrically to the right.

Group 7 - Birthday Party Cake

42. Place a brown 1x1 tile on the back row on the leftmost stud. Then place a brown 1x1 tile with a round side in front and to the right of the ppp so the round sides face the front. Now place 2 brown 1x1 tiles with a round side, one to the right and one in front of the ppp, so the round sides face the front.

43. Now you should have 2 identical parts! Horizontally place 1 part upright on the front-facing side studs so it is centered horizontally, overhangs 2 rows to the bottom, and the rounded sides of the 2 ppp face down. Then repeat symmetrically to the back.

44.1. Horizontally place a light yellow 1x2 sloped curved tile upright on the 2 rightmost front-facing side studs so it slopes to the right. Then repeat symmetrically to the left. Now repeat both parts symmetrically to the back.

44.2. Horizontally place a light yellow 1x2 sloped curved tile upright on the front 2 right-facing side studs so it slopes to the front. Then repeat symmetrically to the back. Now repeat both parts symmetrically to the left.

45. Place a light purple 1x1 swirl tile on the 3rd row from the front, on the 3rd column from the right. It should sit in front of a 1x2 tile with a round side and to the right of a 1x2 tile with a round side. Then repeat symmetrically to the left. Now repeat both parts symmetrically to the back. Now put your main build away while we make a sub-build!

Building Instructions (Bag 3, Book 1):

Group 8 - Birthday Party Cake

46. Let's make the top part of the cake! Place a white 3x3 corner plate in front of you so the corner faces the back right.

47. Horizontally place a light grey 1x6 plate on the back row so 3 columns overhang to the left.

48. Place a white 3x3 corner plate under the 3 leftmost columns so the corner faces the back left and 2 rows are exposed to the front.

49. Vertically place a black 1x4 plate on the leftmost column so 2 rows overhang to the front. Then repeat symmetrically to the right.

50. Place a white 3x3 corner plate underneath the 2 leftmost columns so the corner faces the front left and 1 row is exposed to the front. Then repeat symmetrically to the right.

51. Horizontally place a light grey 1x6 plate on the front row.

52. Horizontally place a brown 1x4 brick with 4 side studs on the back row so it is centered horizontally and the side studs face the back. Then vertically place a brown 1x4 brick with 4 side studs on the back left corner so the side studs face the left. Then repeat symmetrically to the right.

53. Horizontally place a brown 1x4 brick with 4 side studs on the front row so it is centered horizontally and the side studs face the front. Now vertically place a brown 1x2 brick with 2 side studs on the front left corner so the side studs face the left. Then repeat symmetrically to the right.

54. Vertically place a brown 2x6 plate on top so it is centered horizontally and vertically. Now vertically place a brown 2x6 plate with a round side to the left of the ppp so the round side faces the left. Then repeat symmetrically to the right.

You will have 4 extra brown 1x2 plates. Save them for later!

Group 9 - Birthday Party Cake

55.1. Let's make 2 identical parts! Horizontally place a brown 2x4 plate in front of you. Then horizontally place a brown 1x2 plate from group 8 on the back row so it is centered horizontally. Now horizontally place a light blue 1x2 plate on the front row so it is centered horizontally.

55.2. Place a light blue 2x2 sloped curved tile on the leftmost column so it slopes and overhangs to the left. Then repeat symmetrically to the right.

55.3. Place a brown 1x1 tile on the left stud of the back row. Now place 2 brown 1x1 tiles with a round side, one to the right and one in front of the ppp, so the round sides face the front.

55.4. Now you should have 2 identical parts! Horizontally place 1 part upright on the left-facing side studs so it is centered horizontally, overhangs 1 row to the bottom, and the round sides of the tiles face down. Then repeat symmetrically to the right.

56.1. Let's make 2 identical parts! Horizontally place a brown 2x4 plate in front of you. Then horizontally place a brown 1x2 plate from group 8 on the back row so it is centered horizontally. Now horizontally place a light blue 1x2 plate on the front row so it is centered horizontally.

56.2. Place a light blue 2x2 sloped curved tile on the leftmost column so it slopes and overhangs to the left. Then repeat symmetrically to the right.

56.3. Place a brown 1x1 tile on the right stud of the back row. Now place 2 brown 1x1 tiles with a round side, one to the left and one in front of the ppp, so the round sides face the front.

56.4. Now you should have 2 identical parts! Horizontally place 1 part upright on the front-facing side studs so it is centered horizontally, overhangs 1 row to the bottom, and the round sides of the tiles face down. Then repeat symmetrically to the back.

57. Place a light yellow 2x2 round brick on top so it is centered vertically and horizontally. Then place a pink 2x2 round tile with a stud on top of the ppp.

58. Bring back your main build and place it in front of you. Then place your sub-build on top so it is centered vertically and horizontally.

Building Instructions (Bag 4, Book 1):

Group 10 - Birthday Party Cake

59. Place a light pink 1x1 round flower plate on top of the 2x2 round tile with a stud that is centered on the build!

Group 11 - Birthday Party Cake

60.1. Let's make 6 identical parts! Place a light yellow 1x1 round flower plate in front of you. Then place a white 1x1 round tile with an upright bar on top. Now place a transparent orange candle flame on top.

60.2. Now you should have 6 identical parts! Place 1 part in the middle of the 2x2 studs that are in the front of the 2x2 round tile with a stud that is centered on the build. Then repeat symmetrically to the back.

60.3. Place 1 part to the right of the 2x2 round tile with a stud that is centered so it sits in the middle of the 2nd and 3rd rows from the front of the 2x6 plate with a round side. Then repeat symmetrically to the back. Now repeat both parts symmetrically to the left.

61. Take off the top portion of the build to reveal the inside.

You will have 2 extra light orange 1x1 round flower plates. Save them for later!

Group 12 - Birthday Party Cake

62.1. Let's make 4 identical parts! Place a white 1x1 round tile with an upright bar in front of you. Then place a transparent orange candle flame on top.

62.2. Now you should have 4 identical parts! Place them inside the interior of the cake! Now place 7 pink 1x1 round flower plates and 2 light orange 1x1 round flower plates from group 11 inside the interior as well! They should all sit on the tiles and not attach to any studs! Now place the top part of the cake back on top so it is centered!

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!

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