

## **11221 School with Rusty and Bluey**

Adapted by John Le and tested by Natalie Charbonneau.

Unlock imaginative fun at School with Rusty and Bluey (11221), a building toy that makes a great gift for girls and boys ages 4 years old and up. The set is filled with pretend play possibilities as kids join Rusty and Bluey minifigures to recreate stories from the popular Bluey TV show and experiences from real life. The set includes recognizable features from episodes such as Early Baby: decorated walls, an opening door, mini kitchen, café, hospital and a baby care section. Kids can nurse the baby with a bottle, place it in an incubator, or use the push-along stroller as they visit the café, with its pan, teapot, 2 cups, 2 waffles and a fish. Designed with budding builders in mind and packed with engaging details, the set comes with colorful pictorial instructions and large Starter Bricks to make creative construction fast and fun.

**SCHOOL BUILDING TOY** – Take kids inside Bluey’s School with Rusty and Bluey (11221) in a LEGO® playset designed to engage the imaginations of children ages 4 and up.

**2 MINIFIGURES** – Recreate the Early Baby episode with Bluey and Rusty minifigures in the different areas of the school: a mini kitchen, café, hospital and a baby-care section.

**PRETEND PLAY TOY** – Kids can give the baby a bottle and place it in an incubator or stroller; the café is equipped with a pan, teapot, 2 cups, 2 waffles and a fish to cook and serve food.

**RECREATE FAMILIAR SCENES** – Ignite kids' imaginations with scenes from the Bluey TV show and new stories of their own.

**DIMENSIONS** – This 106-piece building set measures over 3.5 in. (8 cm) high, 10 in. (25 cm) wide and 5 in. (12 cm) deep.

The front of the box shows Rusty and Bluey in a school watching after a baby!

The back of the box shows all the accessories that the set comes with! It comes with 2 minifigures, a baby, stroller, mugs, bowls, a teapot, baby bottle, 2 waffles, a fish, frying pan, brush, and the school!

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

The build is 106 pieces in total and is for ages 4+.

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/11221>) 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 2 bags labeled 1 to 2, 2 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 - Bluey, Cabinet, and School

Group 1 – Pages 6-11.

Group 2 – Pages 12-33.

Group 3 – Pages 34-71.

Group 4 – Pages 72-79.

Bag 2 - Rusty, Baby and Stroller, Bed, and Table

Group 5 – Pages 4-9.

Group 6 – Pages 10-33.

Group 7 – Pages 34-55.

Let's get to building!

Building Instructions (Bag 1, Book 1):

Group 1 – Bluey and Cabinet

6-7. Locate 1 light blue pair of legs, 1 light blue body printed with a lighter blue stomach, 1 blue head printed with eyes and a yellow nose, and 1 light orange brush. Assemble your minifigure then attach the brush to her hand! Now put her away while we make a cabinet.

8-9. Horizontally place a teal 2x3x2 cabinet in front of you so the opening faces the front. Then insert a pink drawer into the top front-facing row of the ppp. Now place a white mug on the front right corner so the handle faces the left.

10-11. Put everything away while we make the school!

#### Group 2 – School

12-13. Horizontally place a light brown 8x16 plate with 1x4 gaps on the sides in front of you.

14-15. Horizontally place a tan 2x4 plate on the 3rd to 6th columns from the right of the front row so it sits in the 1x4 gap and overhangs 1 row to the front. Then vertically place another 1 on the leftmost column so it is centered vertically and overhangs 1 column to the left.

16-17. Place the rightmost column of a light brown 8x8 plate with 1x4 gaps on the sides underneath the leftmost column so it is centered vertically.

18-19. Horizontally place 3 yellow 1x4 plates on the back row, 1 in each of the 1x4 gaps. Then vertically place a tan 2x4 plate on the leftmost column so it is centered vertically and overhangs 1 column to the left.

20-21. Horizontally place a tan 1x2x2 brick on the back right corner.

22-23. Horizontally place a tan 1x2x3 slope brick on top of the ppp so it slopes to the right. Then horizontally place a tan 1x6x5 panel printed with a table, hanging grape plant, a window, and a tree stump chair to the left of the ppp so the wall faces the front.

24-25. Horizontally place a tan 1x2x5 brick to the left of the ppp.

26-29. Horizontally place a tan 1x4x6 door frame to the left of the ppp so the ridged side faces the front. Now attach a brown door to the front so it opens to the front from left to right. Now place a light orange 1x1 round plate upright on the front-facing side stud of the ppp.

30-31. Horizontally place a tan 1x2x5 brick on the back row, to the left of the door frame.

32-33. Place a tan 1x1x5 brick in front of the right column of the ppp. Then place another 1 to the right of the ppp so there are 4 free columns in between them. It should sit in front of the left column of the 1x2x5 brick that is to the right of the door frame.

34-35. Place a tan 2x2 corner brick on the back 2 rows, to the left of the door frame so there is no overhang and it looks like the Braille letter d. Then repeat symmetrically to the right.

#### Group 3 – School

36-37. Vertically place a lime green 2x3 brick on the back left corner. Then horizontally place a tan 1x6 brick on the back row, to the right of the ppp.

38-39. Horizontally place 2 tan 1x4 bricks, 1 to the right of the other, on the back left corner. Then place a green 2x2 tile with a stud in front of the 2 leftmost columns of the 2nd ppp.

40-41. Horizontally place a tan 1x2x2 brick on the 3rd and 4th columns from the left of the back row. Then horizontally place a tan 1x4x3 panel printed with a curved window to the right of the ppp so the wall faces the front.

42-43. Horizontally place a tan 1x2x3 slope brick on the back left corner so it slopes to the left. Then horizontally place a tan 1x2 brick to the right of the ppp.

44-45. Place a pink 1x1 flower on the 2x2 tile with a stud that is in the back left corner.

46-47. Horizontally place a tan 1x4 brick on the back row, on the 5th to 8th columns from the left so it sits to the left of a 2x2 corner brick. Then repeat symmetrically to the right.

48-49. Horizontally place a light brown 1x3 slope brick on the back left corner so it slopes to the left. Then repeat symmetrically to the right.

50-51. Horizontally place a tan 2x6 plate on the back 2 rows so it is centered horizontally.

52-53. Horizontally place a light brown 1x6x2 arch brick on the back row of the ppp so it is centered horizontally. Then horizontally place a light brown 1x6 sloped curved brick to the left of the ppp so it slopes to the left. Then repeat symmetrically to the right.

54-55. Horizontally place a brown 1x4 curved window on the 2nd row from the back, in front of the 1x6x2 arch brick so it is centered horizontally and the hollow side faces the front.

56-57. Horizontally place a light brown 1x6x2 arch brick on top of the ppp so it is centered horizontally.

58-59. Horizontally place a light brown 1x3 slope brick on the back row, to the left of the 2 1x6x2 arch bricks so it slopes to the left. Then repeat symmetrically to the right.

60-61. Horizontally place a light brown 2x4 tile on the back 2 rows so it is centered horizontally. Then place a light brown 2x2 sloped curved tile to the left of the ppp so it slopes to the left. Then repeat symmetrically to the right.

62-63. Vertically place a brown 1x2 log brick on the front right corner.

64-65. Horizontally place a light brown 2x4 brick to the left of the ppp. Then vertically place a brown 1x2 log brick to the left of the ppp.

66-67. Horizontally place 2 lime green 1x6 plates, 1 in front of the other, on top of the 3 ppp.

68-69. Place a light grey 2x2 round tile with a stud on the front right corner.

70-71. Place a black frying pan on top of the ppp so the handle faces the left. Then place a white teapot on the 2nd row from the front of the 5th column from the right so the handle faces the right. Then place a white mug to the back left of the ppp so the handle faces the left.

#### Group 4 – School

72-73. Horizontally place a purple 2x4 brick on the 7th to 10th columns from the left of the front 2 rows so it sits to the right of the 1x4 gap.

74-75. Vertically place a teal 1x2 panel with 3 walls on the rightmost column of the ppp so the long wall faces the right.

76-77. Horizontally place a transparent aqua 1x2 panel on the front row, to the left of the ppp so the wall faces the front. Then horizontally place another 1 behind the ppp so the wall faces the back. Now vertically place a teal 1x2 panel with 3 walls to the left of the 2 ppp so the long wall faces the left.

78-79. Horizontally place the cabinet you made in group 1 on the 2nd and 3rd rows from the back of the 3rd to 5th columns from the left so it sits to the right of the 2x2 tile with a stud and a flower.

Now put your school away while we make the next part!

#### Building Instructions (Bag 2, Book 2):

#### Group 5 – Rusty, Baby, and Stroller

4-5. Let's make Rusty! Locate 1 red pair of legs printed with yellow toes, 1 red torso printed with a yellow diamond on his chest, 1 red head printed with eyes and a yellow snout, 1 orange fish, and 1 light blue baby bottle. Assemble your minifigure then attach the fish and baby bottle to his hands!

6-7. Let's make a part! Let's make a stroller! Place a light blue stroller in front of you so 4 clips face down and a single clip faces the back. Now horizontally attach light grey handlebars to the back-facing clip so the handlebars are on top and curve to the back. Then horizontally attach a teal set of wheels to the front 2 bottom-facing clips. Then repeat symmetrically to the back.

8-9. Let's make a part! Let's make the baby! Place a magenta 1x1 cone brick in front of you. Then place a magenta 1x1 round brick printed with a baby face on top. Now place your baby on the stroller! Now put everything away while we make the bed!

#### Group 6 – Bed

10-11. Place a light brown 8x8 plate with a round side in front of you so the round side faces the back.

12-13. Vertically place a teal 1x6 brick on the rightmost column.

14-15. Vertically place a teal 1x6 brick to the left of the ppp.

16-17. Horizontally place a magenta 2x4 brick on the 3rd and 4th rows from the front so it is centered horizontally.

18-19. Horizontally place 2 magenta 1x2 sloped curved bricks, 1 to the right of the other, in front of 2x4 brick so they slope to the front. Then repeat symmetrically to the back.

20-21. Vertically place a magenta 1x2 sloped curved brick on the 2nd column from the left of the 3rd and 4th rows from the front so it slopes to the left.

22-23. Place a brown 2x2 ridged round brick on the 3rd and 4th columns from the right of the 2nd and 3rd rows from the back so it sits behind a 1x2 sloped curved brick.

24-25. Horizontally place a pink 1x2x3 brick to the right of the front row of the ppp so it sits on the back row of the 2 1x6 bricks.

26-27. Vertically place a magenta 1x4x3 panel printed with yellow stars and a baby on a bed in front of the right column of the ppp so the wall faces the left.

28-29. Place a white 2x2 tile to the left of the ppp so it sits on the 3rd and 4th rows from the front.

30-31. Horizontally place a pink 1x2x3 brick on the front right corner.

32-33. Vertically place a pink 2x3 slope brick on the front right corner so it slopes to the front. Then vertically place another 1 behind the ppp so it slopes to the back. They should each overhang 2 studs to the left. Now put your bed away while we make the table!

#### Group 7 – Table

34-35. Place a light brown 8x8 plate with a round side in front of you so the round side faces the front.

36-37. Horizontally place a tan 1x2 grill tile on the back left corner. Then repeat symmetrically to the right.

38-39. Place a brown 2x2 ridged round brick on the 3rd and 4th rows from the back of the 2nd and 3rd columns from the left. Then repeat symmetrically to the right.

40-41. Place a light magenta 2x2 round tile on top of each of the 2 ppp.

42-43. Place a magenta 2x2 brick on the front 2 rows so it is centered horizontally.

44-45. Horizontally place a light orange 2x4 tile with 2 studs on top of the ppp so it is centered horizontally.

46-47. Place 2 white bowls on top of the ppp.

48-49. Place a tan 1x1 round tile printed with a waffle on top of each of the 2 ppp.

50-51. Bring back your main school build and horizontally place it in front of you so the wall is in the back.

52-53. Place the back row of your part underneath the 1x4 overhang that is in the front right corner so the round side of your sub-build faces the front.

54-55. Bring back your previous bed sub-build and place it in front of you so the round side faces the left. Now place the rightmost column of your sub-build underneath the overhang that is on the leftmost column of the main build so it is centered vertically.

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](mailto:info@bricksfortheblind.org) and together we will make it happen!

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We hope you enjoyed building your LEGO set! Bricks for the Blind is able to create these text-based building instructions thanks to generous donations from our builders. If you enjoy the instructions we create, please consider making a \$5 donation at <https://www.gofundme.com/f/bricks-for-the-blind-gofundme>. Bricks for the Blind is a registered tax exempt 501(c)(3) corporation.

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At the end of the instruction booklets are advertisements for the following 3 LEGO Bluey Theme kits:

11221 School with Rusty and Bluey

11216 Grannies with Bingo and Bluey

11217 Brick-Built Bluey Family