

71816 Zane's Ice Motorcycle

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LEGO® NINJAGO® Zane's Ice Motorcycle toy (71816) lets boys and girls aged 7+ recreate fast-paced action from season 2 of the NINJAGO Dragons Rising TV show. This ninja toy for kids includes a NINJAGO motorcycle with moving wheels, golden blades, and suspension on the back tire. When kids press down on the tire, cool attack-mode ice blades fold out on both sides. This impressive adventure toy comes with a Zane minifigure to ride on the back of the motorbike. Zane is dressed in his never-before-seen tournament armor and holds 2 katana sword accessories for countless hours of role-play action in the NINJAGO world.

Measurements – This 84-piece LEGO® NINJAGO® set includes a kids' motorcycle toy measuring over 2.5 in. (6 cm) high, 7 in. (18 cm) long and 2.5 in. (6 cm) wide.

The front of the box shows Zane riding his motorcycle down the mountain! He is holding on with 1 hand and has a golden katana in the other!

The back of the box shows Zane going over a dangerous bridge from 1 mountain to another! He has a katana in 1 hand and the other on the handlebars!

The top of the box shows a real-size image of Zane

The build is 84 pieces in total and is for ages 7+.

Bag 1 includes the pieces for Zane and his motorcycle.

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).

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/71816>) 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 1 bag labeled 1, 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 - Zane and Motorcycle

Group 1 - Page 5

Group 2 - Steps 1-12.

Group 3 - Steps 13-26.

Group 4 - Steps 27-39.

Group 5 - Steps 40-50.

Let's get to building!

Building Instructions (Bag 1, Book 1):

Group 1 - Zane

Sub-build 1. Locate 1 white pair of legs printed with a light blue karate belt, 1 white torso printed with a white and grey karate gee with scales, 1 white mask, 1 light grey head printed with blue eyes, 1 light grey hair, and 2 gold katanas. Assemble your minifigure and put the 2 katanas in his hands.

Group 2 - Motorcycle

Step 1

Horizontally place a black 2x6 plate in front of you. Then place a tan 2x2 round plate on the 2 rightmost columns so there is no overhang.

Step 2

Horizontally place a black 1x2 plate with 2x2 side studs above the plate on the front row of the round 2x2 plate so the side studs face the front. Then repeat symmetrically to the back.

Step 3

Place a tan 2x2 round plate on top of the previous 1x2 plates with 2x2 side studs so there is no overhang.

Step 4

Vertically place a light grey 2x3 plate with a rounded side and a hole on the front row to the left of the 1x2 plate with 2x2 side studs so it overhangs 2 rows to the front and the rounded side faces the front. Then repeat symmetrically to the back.

Step 5

Vertically place a dark grey 2x4 plate on top of the 2 previous 2x3 plates with a rounded side so it is centered vertically.

Step 6

Vertically place a light grey 2x3 plate with a rounded side and a hole on the front 2 rows of the previous 2x4 plate so the rounded side overhangs to the front. Then repeat symmetrically to the back.

Step 7

Place a light grey 2x2 brick with 2 pins on the 2 leftmost columns so the pins face the front and back.

Step 8

Place a transparent light blue 2x2 round brick on the 2 rightmost columns in between the side studs so there is no overhang.

Step 9

Horizontally place 2 black 1x2 bricks with axle holes, 1 in front of the other, to the left of the previous 2x2 round brick.

Step 10

Insert a red 4L axle into the axle holes so it is centered vertically.

Step 11

Vertically place a light grey 1x2 log brick to the left of the 1x2 bricks with axle holes so it is centered vertically.

Step 12

Horizontally place 2 white 1x3 arch bricks, 1 in front of the other, to the left of the log brick so they arch and overhang to the left.

Group 3 - Motorcycle

Step 13

Horizontally place a white 2x6 plate on top of the rightmost column of the previous arch bricks so there is no overhang.

Step 14

Vertically place a gold 1x2 plate with 2 bars on the leftmost column of the previous 2x6 plate so the bars face the left. Then horizontally place 2 light blue 1x4 tiles with 2 studs, 1 in front of the other, to the right of the previous 1x2 plate with bars.

Step 15

Place a brown 2x2 plate on top of the previous 1x2 plate with bars and the leftmost column of the 1x4 tiles with 2 studs so there is no overhang.

Step 16

Horizontally place 2 white 1x3 arch bricks, 1 in front of the other, on the rightmost column so they arch and overhang to the right.

Step 17

Place a light grey 1x1 plate with 2 side studs on the leftmost stud of the front 1x3 arch brick so the side studs face the front. Then repeat symmetrically to the back.

Step 18

Vertically place a light blue 2x4 angled plate upright onto the front-facing side studs so there is no overhang, the short end faces up and the angled side faces the left. Then repeat symmetrically to the back.

Step 19

Vertically place a dark grey 1x2 grill slope tile upright onto the top 2 studs of the front-facing side studs so it slopes up. Then repeat symmetrically to the back.

Step 20

Vertically place a light grey 1x2 log brick on the rightmost column of the 1x4 tiles with 2 studs so it sits to the left of the 1x1 plates with 2 side studs.

Step 21

Place a light grey 2x2 sloped curved brick with 2 studs on top of the previous brick so there is no overhang and it slopes to the left.

Step 22

Vertically place a black 1x2 plate with a clip on the long side on top of the previous 2x2 sloped curved brick so the clip faces the left.

Step 23.1

Vertically place a white 3x4 sloped curved brick with a sticker on the 3 rightmost columns so it is centered vertically and slopes to the right.

Step 23.2

Skip this step if you have already placed your sticker! Ask a helper to place sticker 1 on the white 3x4 sloped curved tile. This sticker has a light blue scale designed with a gold ball. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

Step 24

Attach the small bar of black handlebars to the left-facing clip so the bars face the left.

Step 25

Vertically place a transparent light blue 1x2 plate on the leftmost column so there is no overhang. Then horizontally place a black 1x2 plate with a clip on the long side on the front row to the right of the previous 1x2 plate so the clip faces the front. Then repeat symmetrically to the back.

Step 26

Horizontally place a gold 2x3 sloped curved tile with 2 studs on top of the 3 leftmost columns so the studs are on the right and there is no overhang.

Group 4 - Motorcycle

Step 27

Let's make a part! Place a white L-shaped axle connector with a hole in front of you so it looks like the braille letter h. Then attach a light grey 5L axle into the right-facing axle hole.

Step 28

Insert the axle side of a light grey 2L axle pin connector into the right-facing axle so the hole is in the front and faces left and right. Make sure to push it all the way in so it touches the L-shaped axle connector.

Step 29

Attach the pin side of a blue 2L pin axle into the right-facing hole of the previous piece so the axle side faces the right. Then place a gold 1x1 cone brick upright onto the right-facing blue axle.

Step 30

Insert a white 2L pin connector into the 5L axle so it goes all the way in. Then insert the axle connector of a white axle-pin connector into the right-facing axle so the hole faces the front and back.

Step 31

Connect the back-facing axle hole of your part to the front-facing axle of your main build so it faces the right.

Step 32

Insert a larger gold wheel into a black tire.

Step 33

Attach the axle side of a tan 2L axle pins into the left-facing and right-facing axle holes of the wheel.

Step 34

Now attach the pin of your wheel to the back-facing rightmost pinhole of your previous part.

Step 35

Let's make a part! Place a white L-shaped axle connector with a hole in front of you so it looks like the braille letter j. Then attach a light grey 5L axle to the left-facing axle hole.

Step 36

Insert the axle side of a light grey 2L axle pin connector into the left-facing axle so the hole is in the front and faces left and right. Make sure to push it all the way in so it touches the L-shaped axle connector.

Step 37

Attach the pin side of a blue 2L pin axle into the left-facing hole of the previous piece so the axle side faces the left. Then place a gold 1x1 cone brick upright onto the left-facing blue axle.

Step 38

Insert a white 2L pin connector into the 5L axle so it goes all the way in. Then insert the axle connector of a white axle-pin connector into the left-facing axle so the hole faces the front and back.

Step 39

Rotate your main build 180 degrees so the wheel is on the left. Then attach the leftmost pinhole of your part to the front-facing pin of your wheel so the back-facing axle hole of the L-shaped connector connects to the front-facing axle.

Group 5 - Motorcycle

Step 40

Insert a long light grey sword into the left-facing hole of the front cone brick so the blade faces the front. Then repeat symmetrically to the back.

Step 41

Insert the long side of a tan 3L pin into the top-facing hole of the front L-shaped axle connector so it connects to the holes of the 2x3 plates with a round side. Then repeat symmetrically to the back.

Step 42

Let's make a part! Vertically place a white 3L double pinhole with an axle connector in front of you so the axle hole side is in the front. Then insert the pin connected to a black ball into the back top-facing hole. Now horizontally connect the axle of a large transparent aqua crystal shard sword into the left-facing axle

hole so the sharp tips face the front. Now attach the bottom-facing front hole of your part to the front top-facing pin so the sword faces the left.

Step 43

Let's make a part! Vertically place a white 3L double pinhole with an axle connector in front of you so the axle hole side is in the back. Then insert the pin connected to a black ball into the front top-facing hole. Now horizontally connect the axle of a large transparent aqua crystal shard sword into the left-facing axle hole so the sharp tips face the back. Now attach the bottom-facing front hole of your part to the back top-facing pin so the sword faces the left.

Step 44

Locate a white rubber band! It might be in a white square cardboard box! Now connect the rubberband to the 2 top-facing balls of your previous parts!

Step 45

Horizontally attach the middle hole of a large dark blue technic arm into the front-facing pin that is on the right so the long side faces the right and the short side faces the top left.

Step 46

Insert a gold wheel into a black tire.

Step 47

Attach a light grey 2L pin into the left-facing and right-facing hole of your wheel!

Step 48

Attach the pin to the rightmost back-facing pinhole of your previous technic arm!

Step 49

Rotate your build 180 degrees then repeat step 45 symmetrically so it holds the wheel!

Step 50

Flip your build upside down so the wheel we just attached is on the left. Now place a light grey 2x2 round plate with a smooth underside on top of the 2x6 plate so it is centered horizontally.

Thank you so much for building this set!

Visit bricksfortheblind.org for more accessible instructions, sign up for our newsletter, and follow us on [Facebook](#) and [Instagram](#) to be the first to know when new instructions are available!

We also love seeing your completed builds, so please tag our [Facebook](#) and [Instagram](#) accounts in any photos of your builds so we can share your accomplishments with our Bricks for the Blind community.

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

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At the end of the instruction booklets are advertisements for the following 6 LEGO Ninjago Theme kits:

71816 Zane's Ice Motorcycle

71818 Tournament Battle Arena

71821 Cole's Titan Dragon Mech

71820 Ninja Team Combo Vehicle

71822 Source Dragon of Motion

71814 Tournament Temple City