

21263 The Badlands Mineshaft

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The Badlands Mineshaft (21263) toy is a hands-on video-game mining set for Minecraft® players. This versatile building toy for kids features popular Minecraft mob characters and makes a great gift for boys and girls aged 8 and up who enjoy Minecraft explorer toys as well as kids' adventure toys and building-brick toys.

Kids' mining toy – Set in an abandoned mine with Minecraft® figures, The Badlands Mineshaft (21263) is a video-game building toy for boys and girls aged 8 and up.

Minecraft® figures – Includes the Badlands Explorer, a Creeper™, cave spider, husk, baby rabbit, donkey with saddlebags, 2 slimes and a bat whose wings fold up so it can hang upside down.

Independent-play action toy – Kids blast stones with TNT in the Badlands mine, transport ore in a minecart and battle a Minecraft® spider, Creeper™, husk and 2 slimes.

Play and creativity set – A hand-operated control triggers an explosion so kids can access copper, gold, redstone and amethyst crystals.

Epic adventures – The completed 538-piece set measures over 7.5 in. (20cm) high, 9 in. (23 cm) wide and 8 in. (20 cm) deep.

The front of the box shows the mineshaft in a desert biome! There are rails with a minecart with a treasure chest on top! Be careful though because there is a cave spider guarding the loot! In the front, there is an explorer with his donkey, and he is fighting off a creeper as well as a husk!

The back of the box shows the explorer riding the minecart to travel and explore the mineshaft! There are smaller pictures which show tnt blowing up the cave to reveal amethyst, the explorer loading up saddlebags on his donkey, and the explorer sleeping on a bed above the mineshaft!

The top of the box shows a real size image of the badlands explorer!

The build is 538 pieces in total and is for ages 8+.

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/21263>) 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 5 bags labeled 1 to 5, 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 - Badlands Explorer, Accessories, Donkey, and Minecart

Group 1 - Page 5.

Group 2 - Steps 1-4 and 2 transparent orange 1x1 plates from Page 7.

Group 3 - Rest of Page 7 and 1 dark grey 1x2 brick printed with a furnace from Page 8.

Group 4 - Rest of Page 8.

Group 5 - Left side of Page 9.

Group 6 - Right side of Page 9.

Group 7 - Steps 1-4.

Group 8 - Steps 5-9.

Group 9 - Steps 1-9.

Bag 2 - Creeper and Mineshaft

Group 10 - Page 16.

Group 11 - Steps 1-9 and 1 dark grey 2x4 brick from Step 10.

Group 12 - Rest of Step 10 and Steps 11-17.

Group 13 - Steps 18-28.

Group 14 - Step 29.

Group 15 - Step 30.

Bag 3 - Mineshaft

Group 16 - Steps 31-37.

Group 17 - Steps 38-48.

Group 18 - Steps 49-51.

Group 19 - Steps 52-53.

Group 20 - Steps 54-55.

Group 21 - Steps 56-57.

Group 22 - Step 58.

Group 23 - Step 59.

Bag 4 - Cave Spider and Mineshaft

Group 24 - Steps 1-6.

Group 25 - Step 60.

Group 26 - Steps 61-63.

Group 27 - Steps 64-70.

Group 28 - Steps 71-72.

Group 29 - Step 73.

Group 30 - Steps 74-75.

Group 31 - Step 76.

Group 32 - Steps 77-79.

Group 33 - Steps 80-82.

Bag 5 - Husk, Rabbit, Bats, and Mineshaft

Group 34 - Page 94.

Group 35 - Page 95.

Group 36 - Steps 83-85 and 3 dark brown 2x4 brick and 1 dark brown 2x2 brick from Step 86.

Group 37 - Rest of Step 86 and Steps 87-89.

Group 38 - Step 90.

Group 39 - Step 91.

Group 40 - 1 light brown 2x4 brick from Step 92.

Group 41 - Rest of Step 92.

Group 42 - Steps 93-100.

Group 43 - Steps 101-104.

Group 44 - Steps 105-106.

Group 45 - Steps 107-108.

Group 46 - Step 109 and 4 dark green 2x4 plates from Step 110.

Group 47 - Rest of Step 110 and Steps 111-113.

Let's get to building!

Building Instructions (Bag 1, Book 1):

Group 1 - Badlands Explorer

Sub-build 1. Locate 1 dark blue pair of legs, 1 sand blue torso printed with a red bandana around the neck, dark blue overalls, and a brown belt with a yellow buckle, 1 light tan and brown square head printed

with green eyes and a smile, 1 dark grey sword, and 1 light blue pickaxe. Assemble your minifigure then attach the tools to his hands! Now put him away while we make some accessories!

Group 2 - Accessories

Sub-build 2.1. Let's make a part! Let's make a bed! Horizontally place a brown 2x6 plate in front of you. Then horizontally place a light blue 2x4 plate on the 4 rightmost columns.

Sub-build 2.2. Place a white 2x2 plate on the 2 leftmost columns.

Sub-build 2.3. Horizontally place a light blue 2x4 plate on the 4 rightmost columns. Then place a white 2x2 tile to the left of the ppp.

Sub-build 2.4. Place a black 2x2 round plate underneath the 2 leftmost columns. Then repeat symmetrically to the right. Now put away your bed while we make the next part!

You will have 2 extra transparent orange 1x1 plates! Save them for later!

Group 3 - Accessories

Sub-build 3. Let's make 2 identical parts! Let's make torches! Place a dark brown telescope bar in front of you. Then place a transparent yellow 1x1 plate on top. Now place a transparent orange 1x1 plate from group 2 on top. Now you should have 2 identical parts! Put them away while we make 2 more torches!

Sub-build 4. Let's make 2 identical parts! Place a dark brown 1x1 telescope bar in front of you. Then stack 2 transparent red 1x1 round plates on top. Now you should have 2 identical parts! Put everything away while we make the next part!

You will have an extra dark grey 1x2 brick printed with a furnace. Save it for later!

Group 4 - Accessories

Sub-build 5. Let's make a part! Let's make a furnace! Place a black 2x2 round plate in front of you. Then horizontally place a dark grey 1x2 brick printed with a furnace from group 3 on the back row so the print faces the back. Then horizontally place a dark grey 1x2 brick printed with a furnace and fire on the front row so the print faces the front. Now place a dark grey 2x2 tile with a stud on top. Now put away your part while we make the next part!

Group 5 - Accessories

Sub-build 6. Let's make a part! Let's make a crafting table! Place a black 2x2 round plate in front of you. Then horizontally place a nougat 1x2 brick printed with a brown vertical line and 2 light brown horizontal lines on the front row so the print faces the front. Then repeat symmetrically to the back. Now place a light brown 2x2 tile printed with a dark brown grid on top. Now put away your part while we make the next part!

Group 6 - Accessories

Sub-build 7. Let's make a part! Let's make TNT! Place a red 2x2 plate in front of you. Then horizontally place a white 1x2 brick printed with the word TNT on the front row so the print faces the front. Then

repeat symmetrically to the back. Now place a red 2x2 tile on top. Now put it away while we make a donkey!

Group 7 - Donkey

1. Place a white 2x2 plate in front of you. Then horizontally place a light grey 1x4 plate on the back row so it is centered horizontally.
2. Vertically place a light grey 1x2 plate underneath the leftmost column so 1 row is exposed to the front. Then repeat symmetrically to the right.
3. Horizontally place a light grey 1x4 plate on the front row.
4. Horizontally stack 2 light grey 2x3 plates on the 3 rightmost columns.

Group 8 - Donkey

5. Vertically place a light grey 1x2 plate with a clip on the long side on the rightmost column so the clip faces the right. Then place a light brown 2x2 plate to the left of the ppp.
6. Vertically place a light grey 1x2 hinge base on the leftmost column so the wall faces the right. Then vertically place a light grey 1x2 plate with a bar underneath on top of the ppp.
7. Vertically place a light grey 1x2 tile with a donkey head printed with eyes and white nose on the ppp so the nose faces the left. Then horizontally attach the bar of a dark grey 1x2 plate with a bar on the short side to the right-facing clip so the studs face up. This is the donkey's tail!
8. Vertically place a light grey 1x2 brick with a vertical groove underneath the leftmost column so the groove faces the left. Then vertically place a black 1x2 rounded plate underneath the ppp. Now repeat both parts symmetrically underneath the 4th column from the left.
9. Place a dark tan bag with a hole on the front row on the 3rd stud from the left so the bag overhangs to the front. Then repeat symmetrically to the back. Now put your donkey away while we make a minecart!

Group 9 - Minecart

1. Place a light grey 4x4 plate in front of you. Then vertically place a light grey 1x2x1 panel on the leftmost column so it is centered vertically and the wall faces the left.
2. Horizontally place 2 light grey 1x3 jumper plates, 1 in front of the other, on the 3 rightmost columns so they are centered vertically.
3. Place a light grey 1x1x1 corner panel on the front left corner so the wall faces the front left. Now horizontally place a light grey 1x2x1 panel to the right of the ppp so the wall faces the front. Then place a light grey 2x2x1 corner panel to the right of the ppp so it overhangs 1 column to the right with its right angle facing the front right. Now repeat everything symmetrically to the back.
4. Vertically place a light grey 1x4 plate underneath the rightmost column.

5. Flip your sub-build upside down so it is horizontal. Horizontally place a light grey 1x2 plate with a pinhole underneath on the front left corner so the pinhole is on the left. Then repeat symmetrically to the back. Now repeat both parts symmetrically to the right.

6. Place a light grey 2x2 plate on the 2 leftmost columns so it is centered vertically. Then repeat symmetrically to the right.

7. Vertically place a light grey 1x4 plate in between the 2 ppp so it is centered horizontally and vertically.

8. Stack 2 transparent red 1x1 round plates on the round anti-stud of the leftmost 2x2 plate so they are centered vertically. Then repeat symmetrically to the right.

9.1. Let's make a part! Horizontally place a light brown 2x4 chest bottom in front of you so the lower lip faces the back. Now horizontally attach a light brown 2x4 chest top to the back so it closes to the front and the downward facing bar of the lid is in the front. Now insert 2 gold 1x2 ingot tiles inside, then close it!

9.2. Flip your minecart over so it is right side up and horizontal. Then horizontally place your chest on top of the 1x3 jumper plates so it is centered horizontally and vertically. Now put everything away while we make the next part!

Building Instructions (Bag 2, Book 1):

Group 10 - Creeper

Sub-build 8. Place a green creeper body in front of you so the side studs face the front and back, and the neck bar faces up. Now vertically place a green 1x2 tile upright on the front-facing and back-facing side studs. Then place a green square head printed with 2 eyes and a mouth on top. Now put your creeper away while we make the main build!

Group 11 - Mineshaft

1. Horizontally place a nougat 6x10 plate in front of you. Then place a light grey 2x2 tile with a stud on the back left corner.

2. Place 2 transparent red 1x1 tiles, 1 to the right of the other, on the back row, to the right of the ppp. Now horizontally place a gold 1x2 tile to the right of the ppp. Now horizontally place 2 dark brown 1x2 jumper plates, 1 to the right of the other, in front of the 3 ppp.

3. Place a dark brown 2x2 angled plate with 1 stud and a rectangular lip in front of each of the 2 ppp so the angled sides face the front.

4. Place a light grey 2x2 tile with a stud on the 2 leftmost columns, in front of the 2x2 tile with a stud. Then place another 1 on the 2 rightmost columns so it is centered vertically. Then place another 1 to the left of the ppp.

5. Horizontally place a light grey 1x2 brick on the 2 leftmost columns on the 2nd row from the front. Then horizontally place 2 more, 1 to the right of the other, on the 2nd row from the front, on the 4 rightmost columns.

6. Vertically place a dark grey 2x4 plate underneath the front left corner so 2 rows are exposed to the front. Then vertically place a light grey 2x6 plate on the ppp so 4 rows overhang to the front.

7. Horizontally place a dark grey 2x10 plate underneath the front 2 rows of the ppp so 8 columns are exposed to the right. Now place a dark grey 4x4 plate underneath the front right corner of the 6x10 plate so 2 rows are exposed to the front and 2 columns are exposed to the right.

8.1. Let's make a part! Place a white 6x6 plate in front of you. Then horizontally place a black 2x4 tile with 2 studs on the 4 leftmost columns so it is centered vertically.

8.2. Place a dark grey 2x2 tile on the 2 rightmost columns so it is centered vertically. Then place another 1 on the back 2 rows so it is centered horizontally.

8.3. Place a dark grey 4x4 plate underneath the back right corner so 2 rows are exposed to the back and 2 columns are exposed to the right. Now place a light grey 2x2 plate on the 2 leftmost columns of the ppp.

8.4. Vertically place a dark grey 2x4 tile on the back 4 rows on the 3rd and 4th columns from the right.

8.5. Keep your part orientation the same and place the front left corner of it on the 2 rightmost columns of the 2x10 plate that is in the front so the rest of the part overhangs to the right.

9. Vertically place a light grey 1x2 brick on the leftmost column on the 6th and 7th rows from the front. Then vertically place another 1 on the 7th column from the right, on the 6th and 7th rows from the front.

10.1. Horizontally place a dark grey 2x4 brick to the left of the ppp so the 3 left columns of the front row of this part overhang.

Group 12 - Mineshaft

10.2. Horizontally place a dark brown 2x4 brick with 3 top-facing axle holes to the left of the ppp so it overhangs 1 row to the front.

11. Horizontally place a light grey 1x10 brick on the 10 leftmost columns in front of the ppp so it sits on 4 studs and its 2 left and 2 right columns attach to the studs.

12. Place a light grey 2x2 plate on the front 2 rows on the 7th and 8th columns from the left.

13. Place a dark grey 2x2 brick on the front left corner. Then horizontally place a light grey 2x6 brick to the right of the ppp so there is a 4 column gap in between them.

14. Rotate your build 180 degrees so a 2x2 tile with a stud is in the front right corner now. Now place a dark grey 4x4 plate underneath the front right corner so 2 rows are exposed to the front and 2 columns are exposed to the right. Then place another 1 underneath the 4 leftmost columns of the front 2 rows so 2 rows are exposed to the front.

15. Vertically place a light grey 2x6 brick on the back right corner so the back 2 rows sit on a 2x2 brick. Now horizontally place a dark grey 1x4 brick to the left of the 2nd row from the front of the ppp. Then vertically place 2 light grey 2x6 bricks, 1 to the left of the other, on the back 6 rows, to the left of the ppp.

16. Place 2 light grey 2x2 tiles with a stud, 1 to the right of the other, in front of the 2 ppp. Now place a light grey 2x2 plate in front of the 2x6 brick that is on the back right corner. Then place a light grey 2x2 tile with a stud on top of the ppp.

17. Vertically place a dark grey 2x4 plate on the back right corner. Then vertically place another 1 on the back 4 rows on the 7th and 8th columns from the right. Now horizontally place a dark brown 1x4 plate on the 5th row from the back on the 3rd to 6th columns from the right.

Group 13 - Mineshaft

18. Let's make a part! Horizontally place a dark grey 4x8 plate in front of you.

19. Horizontally place 2 dark brown 1x2 jumper plates, 1 to the right of the other, on the front row so they are centered horizontally. Then repeat symmetrically to the back.

20.1. Horizontally place a gold 1x2 tile on the 2nd row from the front on the 3rd and 4th columns from the left. Then place 2 transparent red 1x1 tiles, 1 to the right of the other, to the right of the ppp.

20.2. Horizontally place a gold 1x2 tile on the 2nd row from the back on the 3rd and 4th columns from the right. Then place 2 transparent red 1x1 tiles, 1 to the left of the other, to the left of the ppp.

21. Vertically place a dark grey 2x4 plate on the 2 leftmost columns. Then repeat symmetrically to the right.

22. Vertically place a gold 1x4 tile on the 2 leftmost 1x2 jumper plates so it is centered vertically. Then repeat symmetrically to the right.

23. Horizontally place your part on the back right corner of the main build so the 2 leftmost and 2 rightmost columns sit on studs.

24. Place a light grey 2x2 tile with a stud in front of the 2 leftmost and 2 rightmost columns of the previous part. Now place another 1 to the left of the left ppp.

25. Vertically place a dark grey 2x4 brick on the back 4 rows on the 5th and 6th columns from the left. Then place a light grey 2x2 tile with a stud on the front 2 rows of the ppp.

26. Place a light grey 2x2 tile with a stud to the right of the ppp. Now horizontally place 2 dark brown 1x2 slope tiles, 1 to the right of the other, on the 5th row from the back, on the 3rd to 6th columns from the right so they slope to the front.

27.1. Let's make a part! Place a dark grey 1L axle with a pin connector in front of you so the axle faces down and the pin connector faces the left and right. Now insert the 2L pin of a blue 3L pin into the right-facing hole so the pin faces the left and right.

27.2. Vertically attach a pinhole of a light grey 1x2 plate with a pinhole underneath to the left-facing pin so the pinhole is in the back. Then repeat symmetrically to the right. Now vertically place a light grey 1x6 tile on the leftmost column so it is centered vertically. Then repeat symmetrically to the right.

27.3. Vertically insert the bottom-facing axle of your part into the leftmost top-facing axle hole that is on the 5th column from the right of the 7th row from the back and the tiles slope down.

28.1. Let's make a part! Place a light grey 2x2 plate in front of you. Then place a light grey 1x1 plate on the front right corner and back left corner. Then place a gold 1x1 round plate on the front left corner and back right corner.

28.2. Place a light grey 1x1 plate on the front left corner and back right corner. Then place a gold 1x1 round plate on the front right corner and back left corner. Now place a light grey 2x2 tile with a stud on top.

28.3. Place your part on the 2 rightmost columns of the 5th and 6th rows from the front.

Group 14 - Mineshaft

29.1. Let's make a part! Place a light grey 2x2 plate in front of you. Then place a light grey 1x1 plate on the front right corner and back left corner. Then place a transparent red 1x1 round plate on the front left corner and back right corner.

29.2. Place a light grey 1x1 plate on the front left corner and back right corner. Then place a transparent red 1x1 round plate on the front right corner and back left corner. Now place a light grey 2x2 tile with a stud on top.

29.3. Place your part on the 3rd and 4th rows from the front and 3rd and 4th columns from the right so it sits in front of the previous part.

Group 15 - Mineshaft

30.1. Let's make 2 identical parts! Place a light grey 2x2 plate in front of you. Then place a light brown 1x1 plate on the front left corner and back right corner. Then place a teal 1x1 round plate on the front right corner and back left corner.

30.2. Place a light brown 1x1 plate on the back left corner and front right corner. Then place a teal 1x1 round plate on the front left corner and back right corner. Now place a light grey 2x2 tile with a stud on top.

30.3. Now you should have 2 identical parts! Place 1 part on the 2 leftmost columns of the 5th and 6th rows from the front. Then place another 1 behind the ppp.

Building Instructions (Bag 3, Book 1):

Group 16 - Mineshaft

31. Let's make a part! Horizontally stack 2 dark grey 2x4 bricks in front of you.

32. Place a dark grey 2x2 brick on the 2 leftmost columns. Now place a light grey 2x2 corner brick to the right of the ppp so it looks like the braille letter h. Now place a light grey 1x1 brick with a pinhole on the back right corner so the hole faces the right.

33. Horizontally place a dark grey 2x4 brick on top.
34. Place a dark grey 2x2 brick on the 2 leftmost columns.
35. Vertically place your part on the back right corner so the pinhole faces the front.
36. Place a white 6x6 plate on the 2 leftmost columns so it overhangs 4 rows to the back and 4 columns to the left. Now place a light grey 2x2 plate underneath the front left corner of the ppp.
37. Horizontally place a light grey 2x12 plate underneath the back left corner so 2 columns are exposed to the left. Now place a light grey 2x2 plate on the 2 leftmost columns of the ppp.

Group 17 - Mineshaft

38. Horizontally place 2 white 2x4 bricks, 1 to the right of the other, on the back left corner.
39. Let's make a part! Place a transparent orange 2x2 inverted round tile with a rounded bottom in front of you. Then horizontally place an orange 1x2 brick on the back row.
40. Place an orange 1x1 brick with an axle hole on the front left corner so the axle hole faces left and right. Then insert a tan 2L pin axle into the left-facing hole so the pin faces the left. Now repeat both parts symmetrically to the right.
41. Place an orange 2x2 corner brick on top so it looks like the braille letter f. Now place a transparent orange 1x1 brick on the front right corner.
42. Place an orange 2x2 slope brick on top so it slopes to the front. Now horizontally place an orange 1x2 slope tile on top so it slopes to the front.
43. Vertically attach the front pinhole of a light grey 1x2 brick with 2 pinholes to the right-facing pin.
- 44.1. Let's make a part! Vertically place a light grey 1x2 brick with 2 pinholes in front of you. Then insert a light grey 2L pin into the back left-facing hole. Now attach a light grey L-shaped axle connector with a pinhole to the left-facing pin so the axle holes face the bottom and front. Now insert a light grey 1L axle with a ball to the front-facing axle hole.
- 44.2. Vertically place a light grey 1x2 brick with 2 pinholes underneath your part. Now vertically attach the bottom front right-facing pinhole to the left-facing pin of your previous part so the ball faces the front.
45. Rotate your part 180 degrees and orient it so the 1x2 slope tile is on the bottom and faces the front, and the rounded bottom faces the back. Now place the leftmost column of your part on the back 2 rows on the 8th column from the left so it slopes to the front.
46. Vertically place a light grey 1x2 brick with 2 pinholes on the back 2 rows to the left of the previous part. Now horizontally place a white 2x4 brick to the left of the ppp.
47. Horizontally place a light grey 2x6 brick on the back 2 rows on the 7th to 12th columns from the right.

48. Stack 2 glittery transparent purple 2x2 bricks on the back 2 rows on the 3rd and 4th columns from the left. Then horizontally stack 2 white 2x4 bricks to the right of the 2 ppp.

Group 17 - Mineshaft

49. Place a white 2x2 brick on the 3rd and 4th rows from the front of the 5th and 6th columns from the left. Then vertically place a white 2x4 brick to the right of the ppp.

50. Place a white 2x2 brick on the back 2 rows of the ppp.

51. Place a white 2x2 tile with a stud on the front 2 rows of the 3rd and 4th columns from the left. Now place another 1 to the right of the ppp. Then place 2 more, 1 to the right of the other, behind the 2 ppp.

Group 19 - Mineshaft

52.1. Let's make a part! Place a glittery transparent purple 2x2 brick in front of you. Then place a transparent purple 2x2 brick with white specs on top. Now place a purple 2x2 tile with a stud on top. Then place a transparent purple crystal on top.

52.2. Place your part on the back 2x2 tile with a stud that is on the 6th and 7th columns from the left.

53.1. Let's make 2 identical parts! Place a glittery purple 2x2 plate in front of you. Then place a transparent purple 2x2 brick with white specs on top. Now place a purple 2x2 tile with a stud on top.

53.2. Now you should have 2 identical parts! Place 1 to the left and 1 in front of the previous part.

Group 20 Mineshaft

54.1. Let's make a part! Place a black 4x4 plate in front of you. Then place a black 2x2 tile on the back right corner. Now place a dark grey 2x2 brick in front of the ppp.

54.2. Place a dark grey 2x2 brick on the back left corner. Then vertically place a dark grey 2x4 brick in front of the ppp so it overhangs 2 rows to the front. Now place a black 2x2 plate underneath the overhang of the ppp.

54.3. Place a black 2x2 plate on the back left corner. Now place another 1 on the front 2 rows of the 2 leftmost columns. Now horizontally place a black 2x4 plate in between the 2 ppp so there is no overhang.

54.4. Place a dark grey 2x2 brick on the back left corner. Then place a black 2x2 plate on top of the ppp. Now place another dark grey 2x2 brick on top of the ppp. Then place another black 2x2 plate on top of the ppp.

54.5. On the back 4 rows of the 9th and 10th columns from the left, there is a part that is on its side. Lift it up towards the back so it is upright and slopes to the back. Then vertically place the tallest part of your part in front of the part that we just lifted up! This is a wall that has lava trapped inside and is waiting to flow out when this wall gets destroyed!

55. Horizontally place a white 2x6 brick on the back 2 rows on the 3rd to 8th columns from the left. Now horizontally place a dark grey 2x4 brick to the right of the ppp so there is a 2 column gap in between them. Then place a light grey 2x2 tile with a stud to the right of the ppp.

Group 21 - Mineshaft

56.1. Let's make 2 identical parts! Place a light grey 2x2 plate in front of you. Then place a light grey 1x1 plate on the front right and back left corners. Then place a gold 1x1 round plate on the front left and back right corners.

56.2. Place a light grey 1x1 plate on the front left and back right corners. Then place a gold 1x1 round plate on the front right and back left corners. Now place a light grey 2x2 tile with a stud on top.

56.3. Now you should have 2 identical parts! Place 1 part on the back 2 rows on the 7th and 8th columns from the right. Then place another 1 on the 3rd and 4th rows from the back, on the 9th and 10th columns from the right.

57.1. Let's make a part! Horizontally place a dark grey 2x8 brick in front of you. Then stack 2 dark grey 2x2 bricks on the 2 rightmost columns. Now place a light grey 2x2 tile with a stud to the left of the ppp.

57.2. Horizontally place your part on the back row on the 7th to 16th columns from the left so the higher end is on the right.

Group 22 - Mineshaft

58.1. Let's make a part! Place a light grey 2x2 plate in front of you. Then place a light grey 1x1 plate on the front right and back left corners. Then place a black 1x1 round plate on the front left and back right corners.

58.2. Place a light grey 1x1 plate on the front left and back right corners. Then place a black 1x1 round plate on the front right and back left corners. Now place a light grey 2x2 tile with a stud on top.

58.3. Place your part on the back 2 rows on the 2x2 tile with a stud that is on the 11th and 12th columns from the left.

Group 23 - Mineshaft

59.1. Let's make a part! Horizontally place a light grey 2x10 brick in front of you. Then horizontally place 2 light brown 2x4 bricks, 1 to the right of the other, on the 8 rightmost columns.

59.2. Place a light brown 2x2 tile with a stud on the 2 leftmost columns. Then place another 1 on the 3rd and 4th columns from the right. Then place another 1 to the left of the ppp.

59.3. Horizontally place the 2 rightmost columns of your part on the back right corner so the short side is on the left.

Building Instructions (Bag 4, Book 1):

Group 24 - Cave Spider

Sub-build 9.1. Let's make a part! Let's make a cave spider! Vertically place a dark blue 2x4 plate in front of you. Then horizontally place a dark blue 1x2 plate on the back row.

Sub-build 9.2. Vertically place a black 1x2 plate with a bar on the long side on the leftmost column so it is centered vertically and the bar faces the left. Then repeat symmetrically to the right.

Sub-build 9.3. Vertically place a dark blue 1x2 plate on the back left corner. Then repeat symmetrically to the right.

Sub-build 9.4. Horizontally attach 2 black 1x2 plates with a clip on the short side, 1 in front of the other, to the left-facing bar. Then repeat symmetrically to the right.

Sub-build 9.5. Orient a black 1x4 hinge plate so it looks like a 2x2 plate and the round part faces the right, then place the back row of it underneath the 1x2 plate with a clip that is on the front left corner so the hinge faces the right and 1 row is exposed to the front. Then repeat symmetrically to the back. Now repeat both parts symmetrically to the right.

Sub-build 9.6. Place a dark blue 2x2 tile on the back 2 rows. Then horizontally place a dark blue 1x2 tile with a dark blue square head printed with red eyes on the front row so the head faces the front.

Sub-build 9.7. Orient the 1x4 hinge plate that is in the front left corner so the 1x2 exposed part in the front points to the front left. Then repeat symmetrically to the back. Now repeat both parts symmetrically to the right. Now put your spider away while we continue the main build!

Group 25 - Mineshaft

60. Horizontally place a nougat 6x10 plate on the 10 leftmost columns of the front 2 rows so 4 rows overhang to the front. Now place a light brown 2x2 tile with a stud on the front right corner of the ppp.

Group 26 - Mineshaft

61.1. Let's make a part! Horizontally place a light grey 2x16 plate in front of you. Then horizontally place a light brown 4x6 plate on the 6 leftmost columns so 2 rows overhang to the front. Now place a light grey 2x2 tile with a stud on the back left corner.

61.2. Rotate your part so it is vertical and overhangs to the left. Now vertically place the back 6 rows of your part to the right of the 6x10 plate that is in the front so the 2x16 plate faces the front. It should only sit on a 2x2 set of studs!

62. Place a dark grey 4x4 plate underneath the front left corner of the 6x10 plate so 2 rows are exposed to the front. Then place another 1 to the right so there is a 4 column gap in between them and 2 rows are exposed to the front.

63.1. Let's make a part! Place a light grey 2x2 plate in front of you. Then place a light grey 1x1 plate on the front right and back left corners. Then place a gold 1x1 round plate on the front left and back right corners.

63.2. Place a light grey 1x1 plate on the front left and back right corners. Then place a gold 1x1 round plate on the front right and back left corners. Now place a light grey 2x2 tile with a stud on top.

63.3. Place your part on the back 2 rows of the 2 rightmost columns.

Group 27 - Mineshaft

64. Horizontally place a light brown 2x4 brick to the left of the previous part. Now horizontally place a light brown 2x4 tile with a stud on the 3rd and 4th rows from the back of the 4 rightmost columns. Then place a light brown 2x2 tile with a stud in front of the 2 rightmost columns of the ppp.

65.1. Horizontally place a gold 1x2 tile on the 6th row from the front of the 7th and 8th columns from the right so it sits to the left of the back row of a 2x4 brick. Then place 2 transparent red 1x1 tiles, 1 to the left of the other, to the left of the ppp.

65.2. Place the back row of a light brown 2x2 tile with a stud to the left of the ppp. Now horizontally place 2 dark brown 1x2 jumper plates, 1 to the right of the other, to the right of the front row of the ppp. Then horizontally place 2 more 1x2 jumper plates, 1 to the right of the other, in front of the 2 ppp. Now horizontally place 2 more 1x2 jumper plates, 1 to the right of the other, in front of the 2 ppp so there is 1 free row in between them.

66.1. Let's make a part! Vertically place a light brown 4x6 plate in front of you. Then vertically place 3 dark brown 1x2 jumper plates, 1 to the right of the other, on the back right corner. Now vertically place 3 more, 1 to the right of the other, in front of the 3 ppp. Then place a light brown 2x2 tile with a stud on the front right corner.

66.2. Vertically place your part on the 4 rightmost columns on the 5th to 10th rows from the front so it overhangs to the front left.

67. Place a dark grey 4x4 plate underneath the front left corner of the previous part so 2 rows are exposed to the front and 2 columns are exposed to the left.

68.1. Let's make a part! Horizontally place a nougat 6x10 plate in front of you. Then vertically place 2 dark brown 1x2 jumper plates, 1 in front of the other, on the back right corner. Then place a light brown 2x2 tile with a stud on the back left corner.

68.2. Place a light brown 2x2 tile with a stud on the front 2 rows on the 3rd and 4th columns from the left. Then repeat symmetrically to the right. Now place a light grey 2x2 plate underneath the front left corner.

68.3. Horizontally place your part to the left of the previous 4x6 part that is on the 4 rightmost columns and 5th to 10th rows from the front so the 1x2 jumper plates are in the back right corner. The back left and right as well as the front right corners attach to the main build.

69. Place 2 dark brown 2x2 angled plates with 1 stud and a rectangular lip, 1 in front of the other, to the right of the 2 1x2 jumper plates that are on the 5th to 8th rows from the front of the 5th column from the right so the angled sides face the left. Now place a dark brown 2x2 tile to the left of the 2 ppp so it is centered vertically to them. Then place 2 dark brown 2x2 angled plates with 1 stud and a rectangular lip, 1 to the right of the other, behind the ppp so the angled sides face the front and they are centered horizontally to the ppp. This whole arrangement goes to the left of the 1x2 jumper plates.

70. Place a light brown 2x2 brick on the 3rd and 4th rows from the back of the 2 rightmost columns so it sits in front of the 2x2 tile with a stud. Then vertically place the front 2 rows of a light brown 2x4 brick to the left of the ppp. Now place a light brown 2x2 brick to the left of the back 2 rows of the ppp.

Group 28 - Mineshaft

71. Horizontally place a yellow 2x4 brick on the 4 rightmost columns on the 13th and 14th rows from the front. Then place a yellow 2x2 brick behind the 2 leftmost columns of the ppp.

72.1. Let's make a part! Place a yellow 2x2 plate in front of you. Then place a yellow 2x2 corner plate on top so it looks like the braille letter d. Now place a yellow 1x1 plate with a clip on the front left corner so the clip faces the front. Now place a yellow 2x2 plate on top.

72.2. Place your part on the 11th and 12th rows from the front of the 5th and 6th columns from the right so it sits to the left of a 2x2 brick and the clip faces the front.

Group 29 - Mineshaft

73. Place a light grey 2x2 brick on top of the previous part. Now vertically place the back 2 rows of a light grey 2x4 brick to the right of the ppp. Then place a light grey 2x2 brick to the right of the front 2 rows of the ppp.

Group 30 - Mineshaft

74. Horizontally place a light brown 2x4 brick on the 4 rightmost columns on the 13th and 14th rows from the front of the build. Then horizontally place another 1 behind the 2 leftmost columns of the ppp so there is no overhang.

75. Stack 2 brown 2x2 plates on the 2 rightmost columns on the 13th and 14th rows from the front.

Group 31 - Mineshaft

76. Vertically place a dark brown 2x4 brick to the left of the 2 ppp. Then horizontally place a black 1x2 brick with 2 pinholes to the left of the back row of the ppp. Now place 2 dark brown 1x1 bricks, 1 to the right of the other, in front of the ppp.

Group 32 - Mineshaft

77. Horizontally place a light brown 2x4 brick on the 13th and 14th rows from the front of the 3rd to 6th columns from the right so it sits on the 4 ppp.

78.1. Let's make a part! Horizontally place a white 3L pin axle in front of you so the 2L axle faces the right. Now attach 2 white 1L thin bushings into the right-facing axle.

78.2. Attach an axle hole of a white 3L lift arm with 2 pin holes and an axle connector to the right-facing axle so the pinholes are in the front and face up.

78.3. Insert 2 light grey 1L pins with a stud into the 2 top-facing pinholes so the studs face up.

78.4. Place a white 2x2 plate with 8 bars around it on the 2 ppp so 1 column overhangs to the right.

78.5. This is a spider web! Now attach the pin of your part to the front-facing pinhole that is on the rightmost column of the 4th row from the back so the studs face the left.

79.1. Let's make a part! Horizontally place a white 3L pin axle in front of you so the 2L axle faces the left. Now attach 2 white 1L thin bushings into the left-facing axle.

79.2. Attach an axle hole of a white 3L lift arm with 2 pin holes and an axle connector to the left-facing axle so the pinholes are in the front and face up.

79.3. Insert 2 light grey 1L pins with a stud into the 2 top-facing pinholes so the studs face up.

79.4. Place a white 2x2 plate with 8 bars around it on the 2 ppp so 1 column overhangs to the left.

79.5. This is a spider web! Now attach the pin of your part to the right back-facing pinhole that is in front of the previous part so the studs face the left.

Group 33 - Mineshaft

80.1. Let's make a part! Horizontally place a light brown 2x10 plate in front of you.

80.2. Horizontally place a light brown 2x4 brick on top so it is centered horizontally. Then place a light brown 2x2 tile with a stud on top of the 2 leftmost columns of the ppp.

80.3. Horizontally place a light brown 2x4 brick on the 3 leftmost columns so 1 column overhangs to the left. Now vertically place a light brown 1x2 plate underneath the overhang. Then repeat both parts symmetrically to the right.

80.4. Vertically place your part in front of the 2 rightmost columns of the back 2 rows so the 2x2 tile with a stud is in the back.

81.1. Horizontally place a light grey 1x2 tile on the 2 rightmost columns on the front 2 1x2 jumper plates. Then horizontally place a light grey 1x3 tile to the left of the ppp. Now place a light grey 1x6 curved tile to the left of the ppp so the curve faces the front left. Then vertically place a light grey 1x3 tile behind the leftmost column of the ppp. Now vertically place a gold 1x4 tile behind the ppp.

81.2. Horizontally place a light grey 1x2 tile on the 2 rightmost columns on the 2 1x2 jumper plates. Then horizontally place a light grey 1x3 tile to the left of the ppp. Now place a light grey 1x2 curved tile to the left of the ppp so the curve faces the front left. Then vertically place a light grey 1x3 tile behind the leftmost column of the ppp. Now vertically place a gold 1x4 tile behind the ppp. These are the rails for the minecart to go on!

82. Attach the bar of a white 2x2 plate with 8 bars all around to the front-facing clip that is on the 6th column from the right and 13th row from the front so the studs face the left. Now place a transparent lime green square head printed with 2 dark green eyes and a mouth on the 2x2 tile with a stud that is on the front 2 rows of the 11th and 12th columns from the right so the print faces the left. Then place another 1

on the 2x2 tile with a stud that is on the 2 leftmost columns of the 9th and 10th rows from the front so the print faces the left.

Building Instructions (Bag 5, Book 1):

Group 34 - Husk and Rabbit

Sub-build 10. Locate 1 brown pair of legs, 1 tan torso printed with dark tan and grey spots, and 1 tan square head printed with a dark tan face and black eyes. Assemble your minifigure then put him aside while we make a rabbit!

Sub-build 11.1. Horizontally place a dark tan 1x2 rounded plate in front of you. Then place a tan 1x1 round plate on the right column. Then place a tan 1x1 plate on the left column.

Sub-build 11.2. Horizontally place a tan 1x2 rabbit head and body with ears and a slope on top so it slopes to the left. Now put it away while we make a bat!

Group 35 - Bats

Sub-build 12.1. Place a black 1x1 round plate in front of you. Then place a black 1x1 brick with 2 side studs on top so the side studs face the left and right. Now attach the hole of the neck bracket to the left facing side stud so the stud faces up. Then repeat symmetrically to the right.

Sub-build 12.2. Place a black 1x1 round plate on top so it is centered horizontally. Then place a brown 1x1 plate printed with 2 white and black eyes on top so the print faces the front. Now place a black 1x1 tile with a clip on top so the clip hands face left and right. Now put your bat away while we make another!

Sub-build 13.1. Place a black 1x1 round plate in front of you. Then place a black 1x1 brick with 2 side studs on top so the side studs face the left and right. Now attach the hole of the neck bracket to the left facing side stud so the stud faces the back. Then attach the hole of a second neck bracket to the right facing side stud so the stud faces the front.

Sub-build 13.2. Place a black 1x1 round plate on top. Then place a brown 1x1 plate printed with 2 white and black eyes on top so the print faces the front. Now place a black 1x1 tile with a clip on top so the clip hands face left and right. Now put your bat away while we continue the main build!

Group 36 - Mineshaft

83. Rotate your main build 90 degrees counterclockwise so it is horizontal and the studs of the webs face the front! Now vertically place a tan 4x6 plate on the back right corner so the front 4 rows overhang 2 columns to the right. Then place a light grey 2x2 plate underneath the front right corner of the ppp.

84. Place a tan 2x2 brick on the back 2 rows on the 3rd and 4th columns from the right. Then place a tan 2x2 tile with a stud on top of the ppp. Now horizontally place the 2 rightmost columns of a tan 2x4 tile with 2 studs in front of the ppp.

85.1. Let's make 3 identical parts! Place a brown 1x1 round plate in front of you. Then place a dark brown 1x1x5 brick on top.

85.2. Now you should have 3 identical parts! Place 1 part on the 2x2 tile with a stud that is on the back 2 rows on the 5th and 6th columns from the right. Now place another 1 to the left so it sits on the 2x2 tile with a stud. There should be a 4 column gap in between them. Then place another 1 on the 2x2 tile with a stud that is on the 2 rightmost columns of the 7th and 8th rows from the back.

You will have 3 extra dark brown 2x4 bricks and 1 dark brown 2x2 brick. Save them for later!

Group 37 - Mineshaft

86.1. Let's make a part! Horizontally place a brown 2x8 plate in front of you. Then place a dark brown 2x2 brick from group 36 on the 2 rightmost columns.

86.2. Horizontally place a dark brown 2x4 brick from group 36 to the left of the ppp. Now vertically place another 1 on the 2 leftmost columns so it overhangs 2 rows to the front.

86.3. Vertically place a brown 2x8 plate underneath the overhang so 6 rows are exposed to the front. Then vertically place a dark brown 2x4 brick from group 36 on the 3rd to 6th rows from the front.

86.4. Horizontally place a light brown 2x4 brick on the front 2 rows so 2 columns overhang to the right.

86.5. Horizontally place a brown 2x4 tile with 2 studs on the back right corner. Then horizontally place 2 brown 1x4 tiles with 2 studs, 1 in front of the other, to the left of the ppp. Now vertically place 2 brown 1x4 tiles with 2 studs, 1 to the right of the other, in front of the 2 ppp. Then vertically place a brown 2x4 tile with 2 studs in front of the 2 ppp.

86.6. Rotate your part 90 degrees clockwise so it is horizontal and there is a 2x2 overhang on the front left corner. Now horizontally place your part on the back right corner on top of the 3 1x1x5 bricks. Make sure the back right 1x1x5 brick is centered on the anti stud of the back right corner of the part.

87. Horizontally place a light brown 2x4 plate in front of the 2x4 tile with 2 studs that is on the back left corner of the previous part so there is no overhang. Now place a light brown 2x2 brick on the 2 leftmost columns of the ppp.

88. Horizontally place a light brown 6x10 plate on the back 6 rows on the 5th to 14th columns from the right.

89. Vertically place a light brown 2x4 brick on the back left corner of the ppp. Now vertically place the back 2 rows of a light brown 2x4 plate to the left of the ppp so there is no overhang.

Group 38 - Mineshaft

90. Place a yellow 2x2 brick on the back 2 rows on the 13th and 14th columns from the right. Then horizontally place the 2 rightmost columns of a yellow 2x4 brick in front of the ppp. Now place a yellow 2x2 tile with a stud on the 2 leftmost columns of the ppp.

Group 39 - Mineshaft

91.1. Let's make a part! Vertically stack 2 dark brown 2x4 bricks in front of you. Now place a light brown 2x2 corner brick on the back 2 rows so it looks like the braille letter d. Then place another 1 on the 2nd and 3rd rows from the back so it looks like the braille letter h.

91.2. Horizontally place a light brown 1x2 brick with a side stud on the front row so the side stud faces the front. Then insert a black claw with a bar into the front-facing side stud so the claw hands face left and right.

91.3. Vertically place your part on the back 4 rows on the 13th and 14th columns from the right so the claw faces the front.

Group 40 - Mineshaft

92.1. Let's make a part! Horizontally place a light brown 2x4 brick in front of you.

Group 41 - Mineshaft

92.2. Horizontally place a yellow 2x4 brick on top of the ppp.

Group 42 - Mineshaft

93. Horizontally place a dark brown 2x4 brick on top of the ppp.

94. Place 2 dark brown 1x1 bricks, 1 to the right of the other, on the back right corner.

95. Horizontally place a dark brown 1x2 brick with an axle hole on the front right corner. Now insert a red 2L axle into the front-facing axle hole.

96. Place a dark brown 2x2 brick on the 2 leftmost columns.

97. Place a dark brown 2x2 corner brick on the 2 rightmost columns so it looks like the braille letter j. Then place 1 on the 2nd and 3rd columns from the right so it looks like the braille letter f.

98. Vertically place a light brown 1x2 brick with a side stud on the leftmost column so the side stud faces the left. Now insert a black claw with a bar into the left-facing side stud so the claw hands face the front and back.

99. Vertically place your part on the back 4 rows on the 5th and 6th columns from the right so the claw faces the front.

100. Let's make a part! Horizontally place a light brown 2x10 plate in front of you. Then place a light brown 2x2 tile with a stud on the 2 rightmost columns.

Group 43 - Mineshaft

101. Vertically place a light brown 2x4 brick on the 3rd and 4th columns from the right so 2 rows overhang to the front.

102. Horizontally place a light brown 2x10 plate underneath the front 2 rows so it is aligned with the previous 2x10 plate.

103. Place a light brown 2x2 tile with a stud on the back 2 rows on the 3rd and 4th columns from the right.

104. Horizontally place a light brown 2x4 brick on the front 2 rows on the 3rd to 6th columns from the left.

Group 44 - Mineshaft

105. Horizontally place a tan 2x4 brick on the front 2 rows on the 3rd to 6th columns from the right. Then place a tan 2x2 tile with a stud to the left of the ppp.

106. Stack 3 light brown 2x2 bricks on the front 2 rows on the 3rd and 4th columns from the right.

Group 45 - Mineshaft

107. Place a light brown 2x2 tile with a stud on top of the ppp.

108. Horizontally place your part on the back 4 rows on the 5th to 14th columns from the right so it sits on the 2 2x4 set of studs and the stack of 2x2 bricks is in the front.

Group 46 - Mineshaft

109.1. Let's make a part! Place a black 2x2 inverted tile in front of you. Then horizontally place a dark brown 1x2 brick with an axle hole on the back row. Now place a dark brown 1x1 brick on the front left corner. Then repeat symmetrically to the right.

109.2. Place a black 2x2 tile with a stud on top. Then flip it upside down so the axle hole faces the left.

109.3. Attach the axle hole of your part to the right-facing axle that is on the back row on the 5th column from the right so the stud faces down.

You will have 4 extra dark green 2x4 plates. Save them for later!

Group 47 - Mineshaft

110.1. Let's make 2 identical parts! Horizontally place a green 2x4 plate in front of you. Then horizontally place a dark green 2x4 plate from group 46 on top.

110.2. Horizontally place a green 2x3 plate on the 3 rightmost columns. Then vertically place a green 2x2 tile with an upright 1x2 plate on the leftmost column so the 2x2 anti-studs face the left.

110.3. Horizontally place a dark green 2x4 plate from group 46 on top. Then horizontally place a green 2x4 plate on top.

110.4. Now you should have 2 identical parts! These are cacti! Place 1 on the front right corner so the 2x4 studs face the front. Then place another 1 on the back 2 rows of the 3rd and 4th columns from the left so the 2x4 studs face the front.

111.1. Place a brown plant with 3 stems to the right of the previous part so it sits on the 2x2 tile with a stud. Then place 1 on the leftmost column on the 2nd 2x2 tile with a stud from the back. Now place another 1 on the 2x2 tile with a stud that is on the 3rd and 4th rows from the back, on the 7th and 8th columns from the right. It should sit on the 2x2 tile with a stud that is on top of a stack of 3 2x2 bricks.

111.2. Bring back your minecart with the chest and horizontally place it on the 2 1x4 tiles that are on the 4 leftmost columns. You can push the minecart to the right so it goes down the ramp and travels along the rails!

111.3. Locate the TNT you previously made and place it on the 3rd and 4th columns from the left of the 11th and 12th rows from the front of the build. Make sure you count from the front left corner! Now you can use the ball on the left-facing side of the build to flick the TNT and explode a portion of the build!

112.1. Locate 2 torches that you previously made using 1x1 plates and attach them to the 2 front-facing claws that are on the 4th row from the back, on the 5th to 14th columns from the right so the studs face up.

112.2. Locate the second bat you made, the one with the front-facing and back-facing studs, and place it upside down on the down-facing stud that is on the back 2 rows of the 3rd and 4th columns from the right so the clip hands face left and right.

112.3. Locate 2 torches that you made using 1x1 round plates. Place 1 on the 2x2 tile with a stud that is on the 3rd and 4th rows from the front of the 15th and 16th columns from the right of the build. Then place the other 1 on the 2x2 tile with a stud that is in front of the 2 rightmost columns of the 1x4 tiles that are on the 4 leftmost columns.

113.1. Locate the bed you previously made and horizontally place it on the back 2 rows on the 7th to 12th columns from the right so the 2x2 tile is on the left. Make sure it sits on the 2nd floor! Then on the same floor, place a crafting table you previously made underneath the right front-facing torch that is attached to the claw. Then place a previously made furnace underneath the left front-facing torch that is attached to a claw.

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