

## **21262 The Windmill Farm**

Adapted by John Le and tested by Natalie Charbonneau

This building toy for kids features a functional LEGO windmill, operated by turning a wheel at the rear. As the mill's sails rotate, the grindstone turns, as if grinding wheat into flour. Eggs, milk, and sugar are on hand for kids to bake bread and cake. The upper level of the windmill provides storage space for hay and other supplies. There's a Miller figure and a Shepherd Villager, who shears the yellow and orange Minecraft sheep. There's a loom with wool; any spare wool can be used to decorate the tree. Next to the mill is a farm plot, where kids can grow wheat, sugarcane, and beetroot. Meanwhile, a zombie is lurking, waiting to attack!

Video-game building playset – The toy includes a buildable windmill and farm model, plus 2 LEGO® Minecraft® sheep, a zombie, and Miller and Shepherd Villager figures.

Windmill farm adventure set – Kids role-play with a hand-operated windmill, baking bread and cake, farming sugar and wheat, weaving clothes from sheep's wool, and fending off a zombie attack.

Farm-equipment toys – Elements include a windmill millstone and a LEGO® Minecraft® loom as well as fun accessories, such as cake, bread, milk, shears, and a barrel containing eggs and sugar.

Working Minecraft® windmill – The windmill in this 462-piece set measures over 7.5 in. (20 cm) high, 6.5 in. (16 cm) wide and 4.5 in. (11 cm) deep.

The front of the box shows the windmill in the back spinning at full speed! To the left is the farm area where a miller is growing wheat and sunflower seeds! In the front, a villager is collecting milk from his 2 sheep! But they have to be careful because a zombie with a diamond helmet is walking towards them!

The back of the box shows the backside of the windmill and the farm. The miller is putting wheat into the mill to churn it! The villager is relaxing peacefully in the farm area watching his sheep and crops grow. But he isn't paying too much attention because a zombie is about to get one of his sheep! Run sheep run!

The top of the box shows all the figures the box comes with. It comes with the miller minifigure, a villager minifigure, a zombie minifigure, and 2 sheep!

The build is 462 pieces in total and is for ages 8+.

Bag 1 includes the pieces for the villager and sheep.

Bag 2 includes the pieces for the farming area.

Bag 3 includes the pieces for the Miller minifigure and the windmill farm.

Bag 4 includes the pieces for the windmill farm.

Bag 5 includes the pieces for the windmill farm.

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/21262>) 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, 2, 3, 4, and 5, 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 - Villager and Sheep

Group 1 - Pages 5-6, 1 transparent orange 1x1 plate from Step 2 and 1 tan 2x2 brick from Step 5.

Group 2 - Rest of Step 2, Steps 3-5 and 1 red 2x2 plate from Step 6.

Group 3 - Rest of Step 6 and Step 7.

Group 4 - Steps 8-9 and 1 tan 2x2 brick from Step 10.

Group 5 - Steps 10-12.

Group 6 - Steps 13-14.

Bag 2 - Farming Area

Group 7 - Page 16 and Steps 15-18 and 1 light blue 1x4 plate from Step 19.

Group 8 - Rest of Step 19 and Steps 20-25.

Group 9 - Steps 26-29.

Group 10 - Steps 30-31.

Group 11 - Steps 32-35.

Group 12 - Steps 36-41.

Group 13 - Steps 42-45.

Bag 3 - Miller and Windmill Farm

Group 14 - Page 2.

Group 15 - Steps 1-14.

Group 16 - Steps 15-19 and 2 transparent yellow 1x1 plates from step 26.

Group 17 - Steps 20- 25 and 2 transparent orange 1x1 plates from step 26.

Group 18 - Rest of step 26.

Bag 4 - Windmill Farm

Group 19 - Steps 27-33.

Group 20 - Steps 34-39.

Group 21 - Steps 40-52.

Bag 5 - Windmill Farm

Group 22 - Steps 53-64.

Group 23 - Steps 65-70.

Let's get to building!

Building Instructions (Bag 1, Book 1):

Group 1 - Villager

Sub-build 1. Locate 1 dark brown pair of short legs, 1 long brown torso printed with a white vest, and 1 light nougat head printed with green eyes, a brown unibrow, and a big nose. Assemble your villager and put him aside!

1.1. Locate 1 black 2x2 round plate, 2 nougat 1x2 bricks with 2 horizontal light brown lines and 1 vertical brown line down the center. Place the plate on the table. Then vertically place the bricks on top of the round plate so the print faces outwards. Ask a sighted person to make sure it is oriented correctly!

1.2. Locate 1 nougat 2x2 tile with a print of a crafting table! It is a 3x3 grid with tan squares in the corners! Place it on top of the bricks. You made a crafting table!

You will have an extra 1 transparent orange 1x1 plate and a tan 2x2 brick. Save these for later.

Group 2 - Food and Sheep

2. Locate 1 dark brown telescope bar and 1 transparent yellow 1x1 plate. Place the plate on top of the bar. Then locate 1 transparent orange 1x1 plate from group 1. Place it on top. You made a torch!

3. Locate 1 nougat 1x2 rounded tile. Put the torch and this aside!

4. Locate 1 brown 2x2 barrel, 1 tan egg, 1 yellow wheat, and 1 white 1x1 quarter circle tile. Place the barrel in front of you, then place everything inside!

5.1. Let's make a sheep now! Locate 1 tan 2x3 plate and 2 tan 1x2 plates with a groove. Place the plate horizontally in front of you. Then vertically place the bricks underneath the left and right columns so the groove faces outwards.

5.2. Locate 1 orange 2x2 brick. Place it on top of the right side so there is no overhang.

5.3. Locate 2 orange 1x2 plates. Stack them together then vertically place them to the left of the brick.

5.4. Locate 1 orange sheep face attached to a 1x2 tile. This sheep's face has a print of white fur surrounding a tan face, pink nose, and black eyes. Vertically place this on top of the previously placed plates so the face faces the left.

5.5. Locate 1 tan 2x2 brick from group 1. You can interchange this with the orange 2x2 brick when you want to shear your sheep!

You will have an extra red 2x2 plate. Save this for later.

#### Group 3 - Hay and Milk

6.1. Locate 2 yellow 2x2 plates and stack them together.

6.2. Locate 1 red 2x2 plate from group 2 and 1 yellow 2x2 tile with a stud. Place the tile on top of the red plate then place them on top of the stack of plates to make hay!

7. Locate 1 light grey 1x1 bucket, 1 dark tan bucket handle, and 1 white 1x1 round plate. Insert the plate into the bucket, then attach the handle to the bucket to make milk!

#### Group 4 - Cake and Stove

8. Locate 1 light brown 2x2 plate and 1 white 2x2 tile with red dots on it. Place the tile on top of the plate to make a cake!

9.1. Locate 1 light brown 2x2 tile with an upright 1x2 plate in the middle and 2 light brown 1x2 plates. Place the 2x2 tile in front of you so the side studs face the right. Then horizontally attach the 1x2 plates upright in front of and behind the side studs.

9.2. Locate 1 tan 1x2 tile with a horizontal brown line and vertical grey lines. Horizontally place it upright on the right-facing side studs. Make sure it is oriented correctly. Ask a sighted person to check!

9.3. Locate 1 tan 1x2 plate with 2x2 side studs. Horizontally place it on the left-facing side so the 2x2 side studs face upwards and do not overhang.

9.4. Locate 2 silver 1x2 grill tiles. Horizontally place them on top. Put this aside while we build another sheep!

You will have an extra tan 2x2 brick. Save this for later.

#### Group 5 - Sheep and Farming Area

10.1. Locate 1 tan 2x3 plate and 2 tan 1x2 plates with a groove. Place the plate horizontally in front of you. Then vertically place the bricks underneath the left and right columns so the groove faces outwards.

10.2. Locate 1 yellow 2x2 brick. Place it on top of the right side so there is no overhang.

10.3. Locate 2 yellow 1x2 plates. Stack them together then vertically place them to the left of the brick.

10.4. Locate 1 yellow sheep face attached to a 1x2 tile. This sheep's face has a print of white fur surrounding a tan face, pink nose, and black eyes. Vertically place this on top of the previously placed plates so the face faces the left.

10.5. Locate 1 tan 2x2 brick from group 4. You can interchange this with the yellow 2x2 brick when you want to shear your sheep!

11. Locate 1 light green 6x8 plate and 1 light grey 2x2 plate. Horizontally place the 6x8 plate in front of you. Then place the 2x2 plate in the back left corner.

12. Locate 3 light green 2x2 tiles with a stud. Place 2 to the right of the previously placed 2x2 plate. Then place 1 in the front left corner of the 6x8 plate.

#### Group 6 - Farming Area

13. Locate 1 light grey 2x2 brick and 1 dark grey 2x2 tile with a stud. Place the tile on top of the brick, then place the brick in the back left corner.

14. Locate 1 dark grey 1x2 masonry brick with grooves, 1 light grey 1x2 brick, and 1 light grey 1x4 tile. Horizontally place the brick with grooves to the right of the previously placed tile so the single groove faces the back. Then horizontally place the 1x2 brick to the right. Then horizontally place the 1x4 tile on top of both of these bricks.

#### Building Instructions (Bag 2, Book 1):

#### Group 7 - Farm

15. Locate 1 brown 2x4 plate and 1 brown 2x2 plate. Place the 2x2 plate underneath the 2 rightmost columns of the 2x4 plate. Now with the 2x2 plate in the back, vertically place them on the back right columns so the 2x2 plate overhangs.

16. Locate 1 light green 2x4 tile with 2 studs. Horizontally place it in the front right corner so it overhangs 2 columns to the right.

17. Locate 1 green 4x8 plate. Vertically place it underneath the overhang so the front aligns with the 6x8 plate.

18. Locate 1 light green 2x2 tile with a stud and 1 transparent blue 1x2 plate. Place the tile to the right of the front 2 rows of the brown 2x4 plate. Then horizontally place the plate behind it.

You will have an extra light blue 1x4 plate. Save it for later.

#### Group 8 - Farming Area

19.1. Put your main build away for now. Locate 1 brown 2x8 plate and horizontally place it upside down in front of you.

19.2. Locate 1 brown 1x4 plate and 1 brown 2x2 corner plate. Place the corner plate upside down in the back right corner so there is no overhang and the corner is at the back right. Then horizontally place the 1x4 plate upside down to the left on the back row.

19.3. Locate 1 transparent blue 2x4 plate. Vertically place it upside down in front of the 1x4 plate and corner plate so it overhangs 3 rows to the front.

19.4. Let's make a part! Locate 1 brown 2x8 plate, 1 brown 1x4 plate, 1 brown 2x2 corner plate, and 1 brown 2x2 plate. Horizontally place the 2x8 plate upside down in front of you. Place the corner plate upside down in the front right corner so there is no overhang. Then horizontally place the 1x4 plate upside down to the left on the front row. Then place the 2x2 plate upside down to the left. Now connect the front row of the transparent blue 2x4 plate to the back row of the part you made so it sits behind the corner plate and 1x4 plate.

19.5. Locate 1 transparent blue 2x4 plate and 1 light blue 1x4 plate from group 7. Vertically place the 2x4 plate to the left of the transparent blue 2x4 plate. Then vertically place the 1x4 plate to the left.

19.6. Bring back your main build so it is oriented the same way! Now flip over your sub-build so the light blue 1x4 plate is on the left, then horizontally place the front left 2x2 corner of the sub-build on top of the back right corner of the main build.

20. Locate 1 brown 2x2 plate. Place it on top of the back left corner of the sub-build you previously placed.

21. Locate 1 brown 1x4 plate and 2 brown 2x2 corner plates. On the left side of the build to the right of the horizontal 1x4 tile, there is a vertical 2x4 plate. Place the corner plate on the back left corner of it so there is no overhang and the studs form a braille letter f. Then horizontally place the 1x4 plate in the corner plate missing corner. Then place a corner plate to the right so it surrounds the 1x4 plate and forms the braille letter d.

22. Locate 1 transparent blue 2x2 slope brick. Place it in front of the 2x8 plate that is in the back right corner so it sits on the 2 leftmost columns and slopes to the right.

23. Locate 1 transparent blue 2x2 tile with a stud and 1 transparent blue 1x2 plate. Vertically place the plate underneath the right side of the tile. Then place it to the right of the previously placed slope brick so the 1x2 plate overhangs 3 columns to the right and the right side will be even with the right side of the build.

24. Put your build away for now. Locate 1 light green 6x6 plate and 1 white 2x2 brick. Place the plate in front of you, then place the brick in the back left corner.

25. Locate 1 white 2x2 corner brick and 1 black 1x1 brick. Place the 1x1 brick in the front left corner of the previously placed brick. Then place the corner brick on the 2x2 brick so it surrounds the 1x1 brick and the studs form a braille letter "d".

#### Group 9 - Farming Area

26. Locate 4 light green 2x2 tiles with a stud. Place 2 in front of the bricks in the back left corner. Then place 2 to the right of the bricks in the back left corner.

27. Locate 2 dark grey 1x2 masonry bricks with grooves, 2 light grey 1x2 bricks, and 2 light grey 1x4 tiles. Horizontally place the masonry brick with grooves in front of you so the single groove faces the back. Then horizontally place the 1x2 brick to the right. Then horizontally place the 1x4 tile on top of both of these bricks. Repeat this again so you have 2 parts. Now horizontally place 1 to the right of the bricks in the corner. Make sure the brick with grooves is on the left. Then vertically place 1 in front of the bricks in the corner. Make sure the brick with grooves is in the front. The brick side of the masonry bricks should be facing inwards.

28. Locate 1 brown 2x2 brick. Place it underneath the back left corner of the 6x6 plate.

29. Now bring back your main build so it is oriented the same way. Now place your sub-build to the left of the transparent blue 2x2 slope brick that is in the back right so it is centered. Make sure each corner of the 6x6 plate sits on the 2x2 sets of studs on the main build.

#### Group 10 - Farming Area

30. Locate 2 light grey 2x2 bricks and 1 dark grey 2x2 tile with a stud. Stack the 2 bricks together then place the tile on top. Now place it behind the transparent blue 2x2 slope brick.

31. Locate 4 yellowish-green 1x1 round bricks. Place 1 in front of the other, to the right of the previously placed part. Then place 1 on top of the round brick in the back. Then place 1 to the right.

#### Group 11 - Farming Area

32. Put your build away while we make a tree! Locate 1 white 2x2 brick and place it in front of you.

33. Locate 1 white 2x2 corner brick and 1 black 1x1 brick. Place the 1x1 brick in the back right corner. Then place the corner brick on top of the 2x2 brick so it surrounds the 1x1 brick and the studs form a braille letter h

34. Locate 2 white 2x2 bricks. Stack them together on top of the bricks.



35. Locate 2 tan 1x2 plates with 2x2 side studs. Horizontally place them so the side studs face front and back.

#### Group 12 - Farming Area

36. Locate 2 orange 2x4 bricks and 2 yellow 2x2 bricks. Place each 2x2 brick in the center of the 2x4 bricks. Now horizontally place the parts upright on the front-facing and back-facing studs so they are centered.

37. Locate 2 tan 1x2 plates with 2x2 side studs. Vertically place them so the side studs face left and right.

38. Locate 3 orange 2x4 bricks and 3 yellow 2x2 bricks. Place each 2x2 brick in the center of the 2x4 bricks. Now vertically place 2 parts upright on the left-facing and right-facing studs so they are centered. Then vertically place a part on top so it is also centered.

39. Bring back your build so it is oriented the same way. Now place the tree in the back left corner of the 6x6 plate so it sits behind and to the left of the 1x4 tiles.

40. Locate 2 green 1x1 round flower plates and 2 pink 1x1 round plates. Place the flower plates on top of the plates so you have 2 of them. Now place 1 in the back right corner of the build. Then place 1 to the left so it is diagonal to it.

41. Locate 2 light green 1x1 round flower bricks. This has 4 leaves on it. Place 1 in the center of the 4 studs that is to the right of the horizontal 1x4 tile that is in the front left and to the left of a 2x2 tile with a stud. To the right of the flower brick, there is a 2x2 tile with a stud. Place a flower brick in the center of the 4 studs behind this tile.

#### Group 13 - Farming Area

42. Let's make some sunflowers now! Locate 2 light green bars 2 yellow 2x2 round tiles with a stud, 2 orange 1x1 round plates, and 2 light green 1x1 round plates with a slanted bar underneath. Do this twice to get 2 sunflowers! Place an orange 1x1 round plate on the table, then place the 2x2 round tile on top so it is centered. Then place the slanted bar on the stud of the round tile. Then insert the bar into the stud of the slanted bar. Now you should have 2 sunflowers. Insert the long bar into each of the flower bricks you placed in the last step so the sunflowers face diagonally to the front right corner!

43. Locate 3 green 1x1 round flower plates. On the rightmost side of the build, there is a horizontal 2x6 plate in front of a 2x2 slope brick and 2x2 tile with a stud. Place a flower plate in the back right corner of the 2x6 plate. Then skip a column to the left then place another. Then skip another column to the left and place another.

44. Locate 3 green 1x1 round flower plates. Place them on the front row of the 2x6 plate so they are in between the previously placed flower plates. They should all be diagonal to each other.

45. Locate 4 yellow wheat. Insert the wheat into the 4 flower plates that are to the left.

Building Instructions (Bag 3, Book 2):

## Group 14 - Miller Minifigure

Sub-build 2. Locate 1 light brown pair of legs, 1 light blue torso printed with buttons and a dark blue collar, 1 dark blue cape, 1 head printed with a dark blue hood, blond hair, and light blue eyes, 1 silver hoe, and 1 silver pair of scissors. Assemble your minifigure then put the hoe in one hand and the scissors in the other!

## Group 15 - Windmill Farm

1. Locate a dark grey 6x8 plate and 1 light grey 2x2 brick. Vertically place the plate in front of you, then place the brick in the back left corner.
2. Locate 1 light grey 1x4 tile and 1 light grey 1x2 tile. Vertically place the 1x4 tile to the right of the brick so there is no overhang. Then vertically place the 1x2 tile in front of the other tile.
3. Locate 1 light grey 1x6 brick and 1 light grey 1x4 brick. Horizontally place the 1x6 brick on the back row so it overhangs 3 studs to the right. Then vertically place the 1x4 brick in front of the leftmost stud of this brick.
4. Locate 1 dark grey 6x8 plate. Vertically place it underneath the overhang so it is aligned at the front.
5. Locate 2 light grey 1x4 tiles and 2 light grey 1x2 tiles. Horizontally place a 1x4 tile in front of the 1x6 brick and to the right of the 1x4 brick. Then vertically place the 1x2 tiles in front of the leftmost and rightmost columns of the previously placed tile. Then horizontally place the 1x4 tile in front of the 1x2 tiles. You should have a 2x2 gap in the middle of these tiles now!
6. Locate 1 black 2x2 tile with a pin. Place this in the gap.
7. Locate 1 light grey 1x6 brick and 1 light grey 1x4 brick. Vertically place the 1x4 brick in front of the rightmost stud of the 1x6 brick in the back row. Then horizontally place the 1x6 brick in front of the 1x4 bricks and 1x4 tile.
- 8.1. Let's make a part! Locate 1 dark grey 2x2 plate with a smooth underside and 1 dark grey 2x2 brick with a groove on each side. Place the plate in front of you, then place the brick on top of it.
- 8.2. Locate 1 axle connected to an axle connector. Insert the axle into the middle of the brick so the axle connector hole faces the front and back.
- 8.3. Locate 2L axle-1L pin and 1 dark grey 1x2 axle connector. Insert the 2L axle part into the front axle hole and push it all the way in. Then attach the axle connector to the back-facing axle.
- 8.4. Locate 1 black 1x2 pin connector. Attach it to the front-facing pin.
- 8.5. Now attach the pin connector to the pin in the middle of the tiles and bricks. This part should be able to freely rotate now! This is the churn. When the windmill rotates, it spins the churn!
9. Locate 1 light grey 1x4 tile and 1 light grey 1x2 tile. Vertically place the 1x4 tile to the right of the bricks on the back row so there is no overhang. Then vertically place the 1x2 in front of the tile.

10. Locate 1 dark grey 2x4 tile with 2 studs. Vertically place it on the front 2 rows and on the 3rd and 4th columns from the left so it overhangs 2 rows to the front.

11. Locate 1 dark grey 2x8 plate. Horizontally place the 2 leftmost columns underneath the overhang of the previously placed tile.

12. Locate 1 dark grey 2x4 tile with 2 studs. Vertically place it on the 2 rightmost columns of the previously placed 2x8 plate so there is no overhang.

13. Locate 4 light grey 2x2 bricks and 2 dark grey 1x2 masonry bricks with grooves. Stack two 2x2 bricks together then horizontally place the 2 masonry bricks with grooves on top so the sides with a single groove face inwards. Then stack 2 more bricks on top of it. Now place it in the back left corner so the grooves face the front and back.

14. Locate 4 light grey 2x2 bricks, 3 dark grey 1x2 masonry bricks with grooves, and 1 light grey 1x2 brick with a side stud. Place a 2x2 brick in front of you. Then horizontally place 2 masonry bricks with grooves on top so the sides with a single groove face inwards. Stack three 2x2 bricks on top, then horizontally place the brick with a side stud on the front row so the side stud faces the front. Then horizontally place the brick with grooves behind it so the side with a single groove faces the front. Now place your part on the front left corner of the build so the side studs face the front. It should sit on the front of the 2 leftmost columns.

#### Group 16 - Windmill Farm

15.1. Put your build away while we build 2 parts. Locate 1 brown 1x3 plate and 2 brown 1x1 bricks. Horizontally place the plate in front of you. Then place the bricks on the left and right studs.

15.2. Locate 1 brown 1x3 plate and 2 brown 1x1 bricks. Horizontally place the plate on top of the previously placed bricks. Then place the bricks on the left and right studs.

15.3. Locate 1 brown 1x3 plate and 2 brown 1x1 bricks. Horizontally place the plate on top of the previously placed bricks. Then place the bricks on the left and right studs.

15.4. Locate 2 light brown 1x1 round plates. Place them on top of the previously placed bricks.

15.5. Locate 2 brown 1x1 bricks and 2 light brown 1x1 round plates. Place the bricks on top of the round plates then place them underneath the left and right studs of the 1x3 plate. Now repeat these steps again so you end up with 2 of these parts.

15.6. Bring back your main build so the 2 pillars are on the left. Now vertically place your parts on the 2x4 tiles with 2 studs that are in the front.

16. Locate 1 dark grey 2x4 tile with 2 studs. Horizontally place it on the back right corner so it overhangs 2 columns to the right.

17. Locate 1 dark grey 6x8 plate. Vertically place it underneath the overhang so the back is aligned.

18. Locate 1 dark grey 2x4 tile with 2 studs. Horizontally place it in the front 2 rows to the right of the 2x4 tile with 2 studs so it connects the 6x8 plate to the main build.

19. Locate 1 tall brown 1x1 brick and 2 light brown 1x1 round plates. Place a plate on top of and underneath the tall brick. Now place it on the left stud of the 2x4 tile that is in the back row.

You will have 2 extra transparent yellow 1x1 plates. Save them for later.

#### Group 17 - Windmill Farm

20.1. Let's make a part! Locate 1 light grey 2x2 brick and 1 light grey 2x2 plate. Place the brick in front of you, then place the plate on top of it.

20.2. Locate 1 light grey 2x2 brick. Place it on top of the plate.

20.3. Locate 2 dark grey 1x2 masonry bricks with grooves. Horizontally place them on top so the sides with a single groove face inwards.

20.4. Locate 1 light grey 2x2 brick and 1 light grey 2x2 plate. Place the brick on top of the previously placed bricks. Then place the plate on top of it.

20.5. Locate 1 light grey 1x2 brick with a side stud and 1 dark grey masonry 1x2 brick with grooves. Horizontally place the brick with a side stud on the front row so the side stud faces the front. Then horizontally place the brick with grooves behind it so the side with a single groove faces the front.

20.6. Now place your part on top of the left stud on the 2x4 tile in the front right so the side stud faces the front.

21. Locate 2 brown 2x8 plates. Make sure there are no holes in these plates. Vertically place 1 on the previously placed part so it connects to the 1x1 round plate in the back row. Then vertically place 1 on the 2 leftmost columns on top of the pillars.

22. Locate 1 brown 1x10 plate and 2 tan 1x6 plates. Vertically place the 1x6 plates on the inner column of the previously placed 2x8 plates so they are centered. Then horizontally place the 1x10 plate on the back row so it connects the previously placed 2x8 plates.

23. Locate 2 brown 2x4 plates and 2 red 1x2 plates. Vertically place a 2x4 plate on top of the 2 front left round 1x1 plates so it is centered. The studs on the back 2 rows should align with the studs of the plate that is to the left. Repeat for the 2 round 1x1 plates to the right. Then horizontally place the 1x2 plates on the back row of these 2x4 plates.

24. Locate 1 brown 1x10 plate. Horizontally place it in front of the previously placed 1x2 plates so it is centered.

25. Locate 1 black 2x8 plate with holes and 2 dark brown 4x8 plates. Vertically place the 2x8 plate on the center of the 1x10 plates. Then vertically place the 4x8 plates to the left and right.

You will have 2 extra transparent orange 1x1 plates. Save them for the next step! Don't get them mixed up!

#### Group 18 - Windmill Farm

26.1. Let's build a part! Locate 1 black 1x1 plate and place it in front of you. Then locate 1 transparent yellow 1x1 plate from group 16 and place it on top.

26.2. Locate 1 transparent orange 1x1 plate from group 17 and place it on top. Then locate 1 black 1x1 plate and place it on top.

26.3. Locate 1 brown 1x1 round plate with a bar and 1 brown 1x1 tile. Place the plate on top so the bar faces the back. Then place the tile on top. Repeat step 26 so you end up with 2 of these hanging lights! Now insert the bar parts of these lights into the stud of the 1x2 bricks on the left and right sides.

Building Instructions (Bag 4, Book 2):

Group 19 - Windmill Farm

27. Locate 2 red 1x8 bricks. Vertically place them on the 2 leftmost columns of the build. One should sit higher than the other.

28. Locate 1 brown 2x2 tile with a stud and 4 brown 1x2 jumper plates. Place a 2x2 tile to the right of the previously placed 1x8 brick on the back 2 rows. Then horizontally place 4 jumper plates in front of the 2x2 tile.

29. Locate 2 brown 2x2 tiles with a stud and 4 brown 1x2 jumper plates. Place a 2x2 tile in front of the previously placed 1x2 tiles. Then vertically place four 1x2 jumper plates to the right of the 2x2 tile. Then place a 2x2 tile to the right.

30. Locate 1 brown 2x2 tile with a stud and 4 brown 1x2 tiles with a stud. Horizontally place four 1x2 tiles behind the previously placed 2x2 tile. Then place a 2x2 tile behind them.

31. Locate 2 red 1x2 plates and 2 brown 1x4 tiles with 2 studs. Vertically place the 2 red 1x2 plates to the right of the previously placed 2x2 tiles with a stud. Then vertically place a 1x4 tile in between them. Then vertically place a 1x4 tile to the right of the previous tile on the lower plate.

32. Locate 4 brown 1x2 jumper plates. Make 2 stacks of 2, then horizontally place them on the 2nd row from the front to the left and right of the hanging lights.

33. Locate 2 red 1x8 bricks. Horizontally place 1 in front of and 1 on top of the previously placed tiles so they are centered.

Group 20 - Windmill Farm

34.1. Let's make a part! Locate 1 tan 1x4 plate and 1 tan 1x4 brick. Horizontally place the plate in front of you. Then horizontally place the brick on top.

34.2. Locate 1 tan 1x2 brick and 1 dark tan 1x2 masonry brick with grooves. Horizontally place the 1x2 brick on the right 2 studs. Then horizontally place the 1x2 masonry brick with grooves to the left so the side with a single groove faces the back.

34.3. Locate 1 tan 1x4 plate. Horizontally place it on top.

34.4. Locate 1 tan 1x4 brick. Horizontally place it on top.

34.5. Locate 1 tan 1x2 brick and 1 tan 1x2 jumper plate. Place the tile on top of the 1x2 brick. Then horizontally place them on the left 2 studs. Repeat step 34 again to get 2 of these parts!

34.6. Now vertically place them on top of the 2 vertical sets of four 1x2 jumper plates so the taller side is in the front.

35.1. Let's make a part! Locate 2 light grey 3L axles and 1 black 1x3 axle connector with a hole in the middle. Horizontally place the axle connector in front of you. Then insert the axles into the left and right axle holes.

35.2. Locate 2 black 1x1 axle connectors. Insert them all the way into each of the 3L axles.

35.3. Locate 2 dark tan 1x2 bricks with an axle hole. Vertically insert them into each of the 3L axles.

35.4. Locate 2 tan 1x2 jumper plates. Vertically place them on top of the previously placed bricks. Now place your part horizontally behind the tiles with a stud from the previously placed parts.

36. Locate 1 light grey 11L axle. Push the axle through the top axle connector, through the hole in the 2x8 plate, and down to connect to the axle connector below.

37. Locate 1 short light grey axle connector and 1 tan gear with 12 teeth. Insert the axle connector into the top of the 11L axle. Then insert the gear so the teeth side faces up.

38. Locate 4 tall brown 1x1 bricks. Place them in front and back of the vertically placed tan 1x2 jumper plates. These should all sit on 2x2 tiles with a stud.

39.1. Let's make a part! Locate 1 tan 1x4 plate and 1 tan 1x4 brick. Horizontally place the plate in front of you. Then horizontally place the brick on top.

39.2. Locate 1 tan 1x2 brick, 1 tan 1x4 plate, and 1 dark tan 1x2 masonry brick with grooves. Horizontally place the 1x2 brick on the right 2 studs. Then horizontally place the 1x2 masonry brick with grooves to the left so the side with a single groove faces the back. Now horizontally place the 1x4 plate on top.

39.3. Locate 1 tan 1x4 brick. Horizontally place it on top.

39.4. Locate 1 tan 1x2 brick and 1 dark tan 1x2 masonry brick with grooves. Horizontally place the 1x2 brick on the left 2 studs. Then horizontally place the 1x2 masonry brick with grooves to the right so the side with a single groove faces the back.

39.5. Locate 2 tan 1x2 jumper plates. Horizontally place them on top.

39.6. Horizontally place the part on the horizontal set of 1x2 jumper plates in the front.

Group 21 - Windmill Farm

40. Locate 2 brown 2x8 plates and 2 brown 1x8 tiles. Vertically place the 2x8 plates on the 2 tan 1x2 jumper plates and tall bricks that are on the left so it is centered vertically and horizontally. Then repeat symmetrically for the right side. Now vertically place the tiles on the outer column of these plates.
41. Locate 2 brown 2x2 plates. Place them in between the front 2 rows of the previously placed 2x8 plates.
42. Locate 2 brown 2x2 plates. Place them on top of the 2x8 plates and previously placed 2x2 plates. There should be a 2x2 gap between them now.
43. Locate 1 light brown 1x1 round plate and 1 brown 1x1 brick. Place the round plate in the back right corner of the build so it sits in the middle of 4 studs. Then place the brick on top of it.
44. Locate 3 light brown 1x1 round plates and 3 brown 1x1 bricks. Place each brick onto each of the 1x1 plates so you have 3 identical parts. Then place them on the rightmost 2 columns so they each sit in the middle of 4 free studs in front of the previously placed brick.
45. Locate 2 brown 2x4 tiles with 2 studs. Vertically place them, 1 in front of the other on the 2 rightmost columns so they sit on top of the bricks.
46. Locate 8 brown 1x1 bricks and 2 light brown 1x1 round plates. Place a plate on the front stud and back stud of the previously placed 2x4 tiles. There should be 2 free studs in between them. Then stack 4 bricks on top of each of the round plates.
47. Locate 1 brown 2x8 plate and 1 brown 2x4 tile with 2 studs. Place the tile on top of the plate so it is centered and there is no overhang. Then vertically place it on top of the 2 stacks of bricks you previously placed so it is centered vertically and horizontally.
48. Locate 1 red 2x6 brick. Horizontally place it on the front 2 rows and left column of the previously placed 2x8 plate so it attaches to the building on the left.
49. Locate 2 red 1x2 bricks and 1 red 2x2 brick. Vertically place a 1x2 brick to the right of the previously placed 2x6 brick. Then behind the 2x4 tile with 2 studs that is behind this brick, place a 2x2 brick. Then to the left of the 2x2 brick, vertically place a 1x2 brick so it is on the same height level as the 2x2 brick.
50. Locate 4 light brown 1x1 round plates and 2 brown 1x1 bricks. Place a plate on top of each of the bricks. Then place another plate under each of the bricks. Now place the parts on the 2 studs of the vertically placed 2x4 tile in between the previously placed bricks.
51. Locate 2 red 1x2 bricks, 1 tan 1x4 brick, and 1 red 1x8 brick. Horizontally place a 1x2 brick behind the previously placed parts so it sits on the front row of the 2x2 brick. Then horizontally place the 1x8 brick in the front right corner and on the 2nd row from the front. There should be no overhang with this brick. Then vertically place the 1x4 brick behind the leftmost column of the 1x8 brick. Then horizontally place a 1x2 brick behind the 1x4 brick.
52. Locate 1 red 4x8 plate. Horizontally place it behind the previously placed 1x8 brick so it sits on the tan 1x4 brick and 2 round 1x1 plates.

Building Instructions (Bag 5, Book 2):

## Group 22 - Windmill Farm

53. Put away your main build while we build a part! Locate a 1x5L dark grey axle with a stop on one side and 1 light grey gear with 16 teeth. Place the axle horizontally on the table so the side with the stop is facing the right. Then insert the gear into the right side of the axle.

54. Locate 1 black 1x1 axle connector. Insert it into the left side of the axle and push it all the way in.

55. Locate 1 black 1x6 brick with holes and 1 short light grey axle connector. Vertically insert the middle hole of the brick into the left side of the axle. Then insert the axle connector into the left side of the axle. Make sure they are all the way in.

56. Locate 1 small tan gear with 12 teeth. Insert it into the left side of the axle so the teeth face the left.

57. Locate 1 dark grey 1x2 axle connector and 1 light grey 9L axle. Horizontally insert the 1x2 axle connector into the left side of the 5.5L axle. Then horizontally connect the 9L axle to the connector.

58. Locate 1 black 1x2 pin connector and insert it all the way into the left side of the axle.

59. Locate 2 brown 1x2 bricks with holes and 1 brown 2x2 tile with 2 studs. Vertically insert the holes of the bricks into the axle. Then connect the 2 bricks with the plate so the studs are on the left.

60. Now bring back your main build so it is oriented the same way. Orient the part you just made so it is vertical with the tile in the front. Now attach the 2 brown 1x2 bricks with holes to the middle 2x2 gap in between 2 higher sets of 2x2 studs that are at the front of the build and 1x8 tiles. Make sure the 1x6 brick connects to the back row. Now when you twist the gear in the back of this part, it turns the churn!

61. Locate 2 brown 1x2 plates. Horizontally place them on the leftmost and rightmost sides of the 1x6 brick with holes so there is no overhang.

62. Locate 2 brown 1x2 bricks. Horizontally place them to the left and right of the front row of the 2 brown 1x2 bricks with holes you previously placed.

63.1. Let's build a part! Locate 1 red 2x6 brick and place it horizontally in front of you.

63.2. Locate 1 red 2x4 plate. Vertically place it on the 2 rightmost columns so it overhangs 2 rows to the front.

63.3. Locate 1 red 2x2 plate and 1 red 2x4 plate. Place the 2x2 plate to the left of the previously placed plate. Then horizontally place the 2x4 plate to the left so it overhangs 2 columns to the left.

63.4. Locate 1 red 2x4 brick. Horizontally place it underneath the overhang on the left side.

63.5. Locate a 1 red 2x4 plate. Vertically place it on the 2 leftmost columns so it overhangs 2 rows to the front. Repeat step 63 again so you end up with 2 of these parts!



63.6. Orient 1 part so the overhang is facing the right. Then vertically place the front overhang of the back 2x4 plate on top of the left 1x2 plate that is on top of the 1x6 brick with holes so the back overhang of the front 2x4 plate sits on top of the 1x2 brick. Repeat symmetrically for the right side.

64. Locate 1 brown 1x2 brick and 1 brown 1x2 plate. Place the plate on top of the brick so there is no overhang. Now horizontally place the part on top of the 2 studs of the 2x2 tile in between the 2 red 2x4 plates that are in the front.

#### Group 23 - Windmill Farm

65. Locate 4 red 1x2 bricks and 2 red 1x10 bricks. Vertically place 1 1x2 brick to the left and 1 to the right of the previously placed part so there is no overhang. Then vertically place the 1x10 bricks to the left and right of these bricks so there is no overhang. Now vertically place a 1x2 brick to the right of the back 2 studs of the left 1x10 brick. Then place the last 1x2 brick to the left of the back 2 studs of the right 1x10 brick.

66. Locate 2 red 4x6 plates and 2 red 1x6 plates. Horizontally place a 1x6 plate on the front and back rows on top of the previously placed 1x10 and 1x2 bricks. Then horizontally place the 4x6 plates in between the 1x6 plates.

67. Locate 1 red 2x6 brick and 1 red 2x4 brick. Vertically place the 2x4 brick on top of the previously placed 1x6 plate that is in the front row so it is centered and not overhanging. Then vertically place the 2x6 brick behind it. They should both be centered horizontally.

68. Locate 1 black 1x2 pin connector. Insert it into the front of the axle connector.

69.1. Let's make the windmill now! Locate 1 white 2x8 plate with holes and 1 grey 2x6 plate with holes. Place the 2x8 plate horizontally in front of you. Then vertically place the 2x6 plate on top so it is centered.

69.2. Locate 2 white 2x2 plates. Place them on top of the 2x8 plate to the left and right of the 2x6 plate.

69.3. Locate 2 white 2x4 plates. Vertically place them underneath the overhang in the front and back.

69.4. Locate 2 brown 2x2 round plates. Place 1 on top of the part so it is in the center. Then place 1 underneath the build so it is also centered.

70.1. Locate 1 white 2x4 plate and place it vertically in front of you.

70.2. Locate 1 white 2x4 tile and 1 white 2x2 corner tile. Horizontally place the 2x4 tile on the back 2 rows so it overhangs 3 rows to the right. Then place the corner tile to the left so it overhangs to the left on the 2nd row from the back.

70.3. Locate 2 white 1x3 plates. Vertically place 1 underneath the overhang on the left so it aligns with the 2nd row from the front of the 2x4 plate. Then vertically place 1 to the right of the 2x4 plate underneath the overhang so it aligns with the 2nd row of the 2x4 plate from the front.

70.4. Locate 1 white 2x4 tile and 1 white 2x2 corner tile. Horizontally place the 2x4 tile on the left 2 columns so it overhangs 2 rows to the left. Then place the corner tile to the right so it does not overhang.

70.5. Locate 1 white 2x2 plate. Place it underneath the overhang on the left side so there are no exposed studs. Repeat step 70 again 3 more times so you end up with 3 more of these parts!

70.6. Now place the right overhang of 1 part on top of the left 2x4 set of studs. Repeat symmetrically all around to make a windmill! The only exposed studs should be the ones from the round 2x2 plate in the center.

71. Now bring back your main build so the axle is facing the front. Now insert the back 2x2 round plate of the windmill into the front of the axle. Now twist the gear in the back to turn the blades and the churn!

Thank you so much for building this set!

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