

Raiser Building Instruction For The Lego Wedo Set: A Comprehensive Guide with Step-by-Step Instructions

Prepare yourself to embark on an exciting building adventure with the Lego Wedo Raiser set! This interactive toy is specifically designed to encourage creativity, problem-solving skills, and STEM learning in young minds. With our comprehensive building instructions, we'll guide you through the construction process step-by-step, making sure you can build the Raiser with ease and confidence. So, gather your bricks, and let's get started!



Raiser: Bulding instruction for the Lego Wedo 2.0 set

by Ellen F. Feld

★★★★☆ 4.1 out of 5

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Step-by-Step Building Instructions

Step 1: Building the Base

Start by creating the foundation for your Raiser. Follow these steps:

1. Take two 2x4 red plates and connect them together side by side.
2. Add another 2x4 red plate on top, aligning it with the previous ones.

3. Attach two 2x2 red plates to the sides of the base, one on each side.
4. Complete the base by adding two 1x2 red plates to the front and back of the base.



Step 2: Constructing the Pillars

Next, let's build the pillars that will support the Raiser's platform:

1. Take two 1x5 black bricks and insert them into the holes on the sides of the base.
2. Add two 1x2 blue plates on top of each black brick, one on each side.
3. Attach two 1x1 blue bricks on top of the blue plates, one on each side.
4. Complete the pillars by adding two 1x1 blue plates on top of the blue bricks.



Step 3: Creating the Platform

It's time to build the platform that will hold your creations:

1. Take two 2x8 green plates and connect them together side by side.
2. Place the green plate assembly on top of the pillars, aligning it with the edges.
3. Attach two 2x2 green plates to the front and back of the platform, one on each side.
4. Complete the platform by adding two 1x2 green plates to the sides, one on each side.



Step 4: Adding the Wheels

Now, let's make the Raiser mobile:

1. Take four large green wheels and connect them to the sides of the base, one on each corner.
2. Add two small black axles to the front and back of the base, one on each side.
3. Attach two medium black gears to the axles, one on each side.
4. Connect the wheels to the gears, ensuring that they rotate smoothly.



Step 5: Installing the Motor

Time to bring your Raiser to life:

1. Take the Lego Wedo motor and connect it to the back of the base, using the provided brackets.
2. Attach two small black axles to the motor, one on each side.

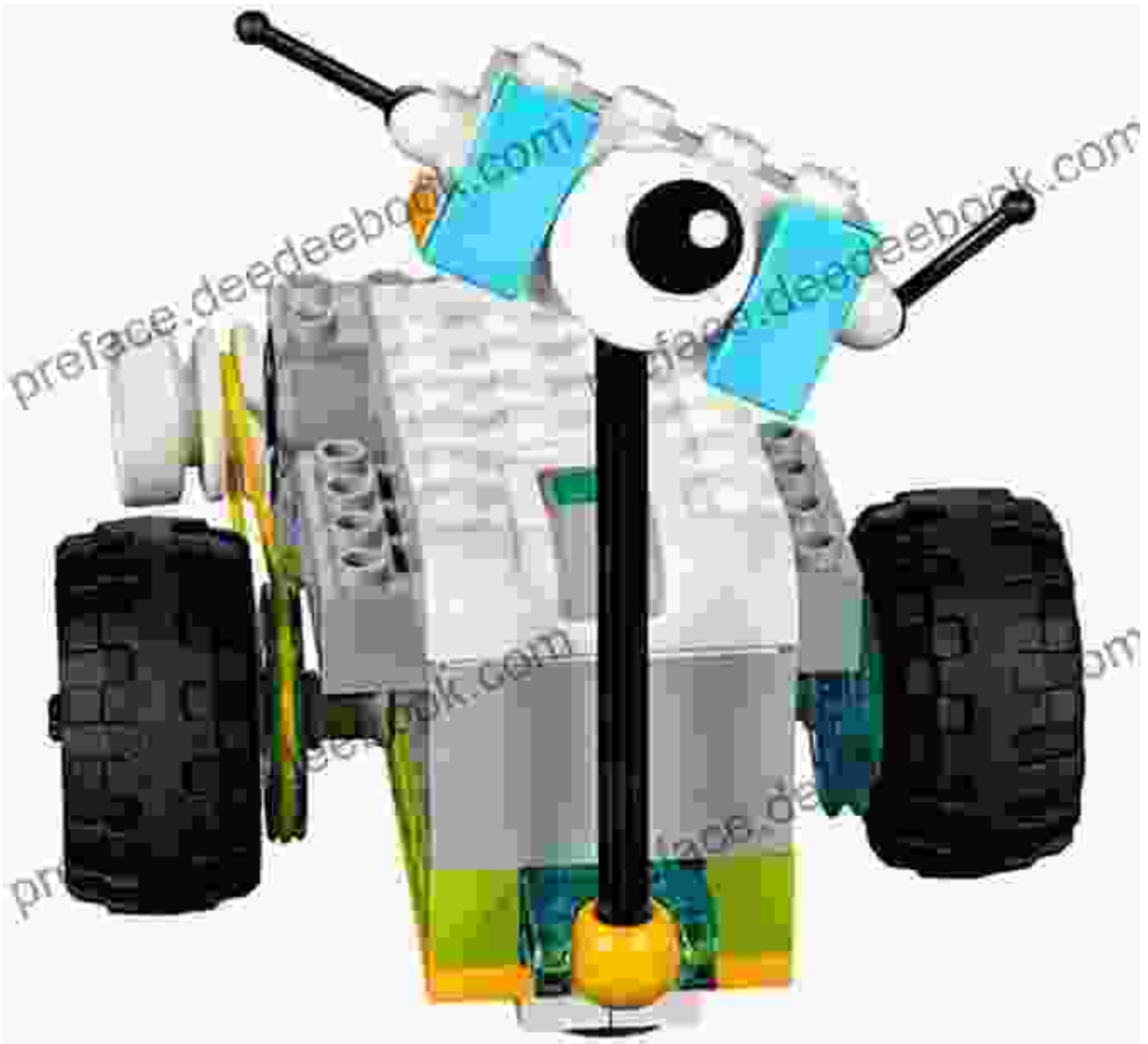
3. Connect the medium black gears from the wheels to the axles of the motor.
4. Test the motor to ensure that the wheels rotate when the motor is turned on.



Step 6: Finishing Touches

Let's add some final details to complete your Raiser:

1. Place a 1x2 red plate on the front of the base, above the motor.
2. Attach a small red brick to the red plate, representing the headlight.
3. Add two 1x2 blue plates to the sides of the platform, one on each side.
4. Complete the Raiser with any additional decorations or accessories you desire.



Congratulations! You have successfully built the Lego Wedo Raiser. This interactive toy is not only a fun building experience but also a great tool for STEM learning. With its motorized wheels, the Raiser can be programmed to perform various actions, fostering creativity and problem-solving skills.

We encourage you to experiment with different attachments and accessories to create unique creations. The possibilities are endless with the Lego Wedo Raiser!

Additional Tips

- Make sure all the connections are secure to ensure the stability of the Raiser.
- Use the Lego Wedo app to program the motor and control the movement of the Raiser.
- Encourage children to engage in imaginative play with the Raiser, using it as a vehicle for storytelling and adventure.
- Store the Lego Wedo Raiser in a safe place to preserve its condition and prevent damage.



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