

Building Instructions for the LEGO WeDo Set: Program Code

The LEGO WeDo set is a great way to introduce children to the world of STEM (science, technology, engineering, and math). The set comes with a variety of LEGO bricks, sensors, and motors, which can be used to build a variety of robots and other creations.



Bike: Building instruction for the Lego Wedo 2.0 set + program code by Christine Mooney

★★★★☆ 4 out of 5

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Once you have built your creation, you can use the WeDo software to program it. The software is easy to use and allows you to drag and drop commands to create your own programs.

In this article, we will provide step-by-step instructions on how to build the LEGO WeDo set and program the associated code. We will also provide some tips and tricks to help you get the most out of your WeDo experience.

Step 1: Gather your materials

Before you begin, you will need to gather the following materials:

- LEGO WeDo set
- WeDo software
- Computer
- USB cable

Step 2: Build your creation

Once you have gathered your materials, you can begin building your creation. The WeDo set comes with a variety of building instructions, so you can choose to build whatever you like.

If you are new to LEGO, we recommend starting with a simple model. Once you have mastered the basics, you can move on to more complex models.

Step 3: Connect your WeDo set to your computer

Once you have built your creation, you will need to connect it to your computer. To do this, simply use the USB cable to connect the WeDo Hub to your computer's USB port.

Step 4: Open the WeDo software

Once your WeDo set is connected to your computer, you can open the WeDo software. The software will automatically detect your WeDo set and display a list of the available models.

Step 5: Choose a model

From the list of available models, choose the one that you want to build. Once you have selected a model, the software will display a step-by-step guide on how to build it.

Step 6: Build the model

Follow the step-by-step guide to build the model. The software will provide you with clear instructions and images to help you along the way.

Step 7: Program your model

Once you have built the model, you can begin programming it. To do this, simply drag and drop commands from the WeDo software's library into the programming window.

The WeDo software provides a variety of commands that you can use to program your model. These commands allow you to control the model's motors, sensors, and lights.

Step 8: Test your program

Once you have programmed your model, you can test it to see if it works. To do this, simply click the "Run" button in the WeDo software.

If your program works correctly, your model will perform the actions that you have programmed it to do.

Tips and tricks

Here are a few tips and tricks to help you get the most out of your WeDo experience:

- Start with a simple model. Once you have mastered the basics, you can move on to more complex models.
- Use the WeDo software's help files to learn more about the different commands and how to use them.

- Experiment with different programs to see what your model can do.
- Share your creations with others and see what they can do with them.

The LEGO WeDo set is a great way to introduce children to the world of STEM. The set is easy to use and allows children to build and program their own creations. With a little creativity and imagination, the possibilities are endless.

We hope this article has provided you with the information you need to get started with the LEGO WeDo set. If you have any questions, please don't hesitate to contact us.



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