

Building Instructions for the LEGO Wedo Set: Programming with Code

The LEGO Wedo set is a great way to introduce kids to the world of programming and robotics. It comes with a variety of sensors and motors that can be used to create all sorts of different robots. In this article, we'll provide you with step-by-step instructions on how to build the LEGO Wedo set and program it using code.

Setting Up the Software

The first step is to download and install the LEGO Wedo software. You can find the software on the LEGO website. Once you've installed the software, you can open it and create a new project.

Building the LEGO Wedo Set

The next step is to build the LEGO Wedo set. The set comes with a variety of different parts that can be used to create all sorts of different robots. In this article, we'll show you how to build a simple car.



Halloween: Bulding instruction for the Lego Wedo 2.0 set + program code

★★★★★ 5 out of 5

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To build the car, you will need the following parts:

- 1 Wedo base brick
- 2 Wedo wheels
- 1 Wedo axle
- 1 Wedo motor
- 1 Wedo light sensor
- 1 Wedo tilt sensor

Assembly Instructions:

1. Start by attaching the two wheels to the base brick.
2. Next, attach the axle to the motor.
3. Then, attach the motor to the base brick.
4. Finally, attach the light sensor and the tilt sensor to the base brick.

Programming the LEGO Wedo Set

Once you've built the LEGO Wedo set, you can start programming it. The LEGO Wedo software uses a simple drag-and-drop interface that makes it easy to create programs.

To create a program, you will need to follow these steps:

1. Open the LEGO Wedo software and create a new project.
2. Drag and drop the desired blocks into the programming area.
3. Connect the blocks together to create a program.

4. Click the "Run" button to run your program.

Debugging Your Program

If your program doesn't work as expected, you can use the debugging tools in the LEGO Wedo software to identify and fix the problem. The debugging tools allow you to step through your program one line at a time and see the values of the variables.

The LEGO Wedo set is a great way to introduce kids to the world of programming and robotics. It comes with a variety of different parts that can be used to create all sorts of different robots. The LEGO Wedo software is easy to use and makes it easy to create and debug your own programs.

We encourage you to experiment with the LEGO Wedo set and see what you can create. With a little creativity, you can build and program all sorts of amazing things.



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