WE DO WEDO

Welcome to the world of WeDo – with Scratch. In this guide, you'll find information about elements of the WeDo robotics kit and the Scratch blocks you can use to control them. There are also some ideas for starter projects to help you get familiar with programming WeDo in Scratch.

ESSENTIALS

Connect the WeDo controller to your computer via USB. Start Scratch.

The WeDo motor blocks should be visible in the *Motion* category. If not, select *Show Motor Blocks* from the *Edit* menu.

You can use the blocks to turn the motor on and off, set the motor power, and set the motor direction.

The distance sensor can be used to determine proximity, where 0 is close and 100 is far.

Use the *sensor value* block in the *Sensing* category, selecting *distance* from the pull-down menu.

The tilt sensor can be used to determine orientation, where 0 is flat, 1 is down, 2 is right, 3 is up, and 4 is left.

Use the *sensor value* block in the *Sensing* category, selecting *tilt* from the pull-down menu.