

LEGO Engineering

What are some possible uses for the NXT touch sensor? How do I program it with NXT-G?

The touch sensor can be used as a way to make a robot sensitive to physical obstacles, a way to control the robot manually while it is running a program, or even as a way to input numerical data. A few ideas for the use of touch sensors are:

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\n1) Build a bumper to respond to obstacles in the robot's path, such as changing direction whenever the touch sensor bumps into something.

\n2) Design a controller out of multiple touch sensors to control the direction of a robot, like a remote control.

\n3) Use the touch sensor to allow users to input two numbers and display the sum.

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\nFor an example program, see the activity "Bulldozer" in the Activities section.

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