

MINDSTORMS NXT

Human senses

Humans have 5 senses

Do you know them?

Sight



Hearing



Taste



Touch



Smell



How many senses robots have?





LEGO Mindstorms NXT robots also have some sensors of senses.

In our first lesson we are going to discover sense of touch:

1. First of all you need to build a basic robot.
2. Then you need to attach the wire with the touch sensor.
3. In the end you need to program the robot so that it will drive until the button is pressed.

In our second lesson we are going to find out about sense of hearing:

1. First of all you need to build a basic robot.
2. Then you need to attach the sound sensor.
3. In the end you need to program the robot that it would start driving for 5 seconds, but start only when you clap your hands.

In our third lesson we are going to find out about sense of sight:

1. First of all you need to build a basic robot.
2. Then you need attach the ultrasonic sensor.
3. In the end you need to program the robot so that it would start driving unlimited wheel rotations until it senses an object 20 centimeters away.