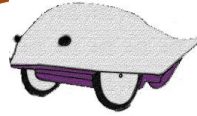


Finch Snap! Card 07

# Light Sensor!



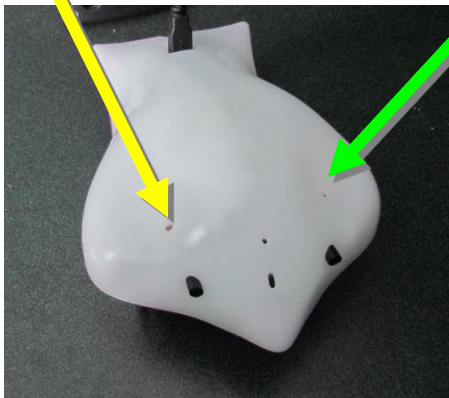
1. Go to the **Sensing** area of your Snap Controls Panel.



2. Select the Finch Left/Right Light Sensor brick from the options below.

Finch Left Light Sensor

Finch Right Light Sensor



The **LIGHT SENSORS** are ABOVE the "eyes" or the Obstacle Detection Sensors!

<http://www.finchrobot.com/software/snap>

3. You can click the sensors for intensity. Experiment with light intensities and colors of light to see the data!

Finch Left Light Sensor

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Finch Right Light Sensor



Finch Right Light Sensor

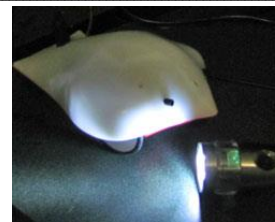
7

4. **Extension Task:** Use the **Motion** and **Control** blocks below. Does the Finch Robot go TOWARDS the light, or AWAY FROM the light? Why or Why Not?

when space key pressed

forever

Move Finch Left: Finch Left Light Sensor Right: Finch Right Light Sensor



**Note:** Classroom Lights may not be bright enough to activate the motors.

Make A Card



1. Fold the card in half.



2. Put glue on the back.



3. Cut along the dashed line.

