

Finch Snap! Card 09

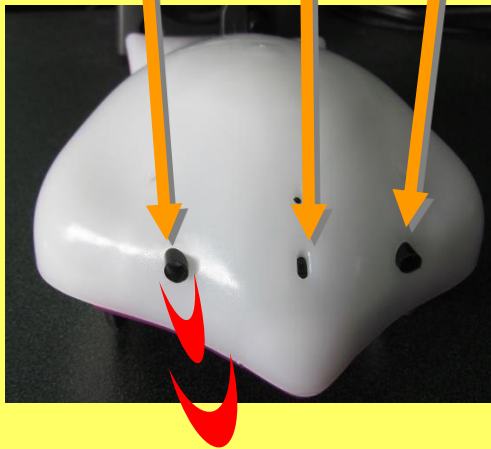
Obstacle Detection!



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



2. Select **Finch Left Obstacle** and **Finch Right Obstacle** brick from the options below.



The **OBSTACLE DETECTION SYSTEM** has 3 components - left and right infrared "shooting" eyes and a infrared reflection sensor in the middle.

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

3. Selecting the Obstacle block will give you a Boolean, or true/false value if an obstacle is detected.



4. The default program which opens when you select **Snap! Level 4** involves Left and Right Obstacle detection.



3. **Extension Task:** Incorporate these left and right obstacle detection lights into your finch movement so the finch will back up when it senses an obstacle.



Make A Card



1. Fold the card in half.



2. Put glue on the back.



3. Cut along the dashed line.

