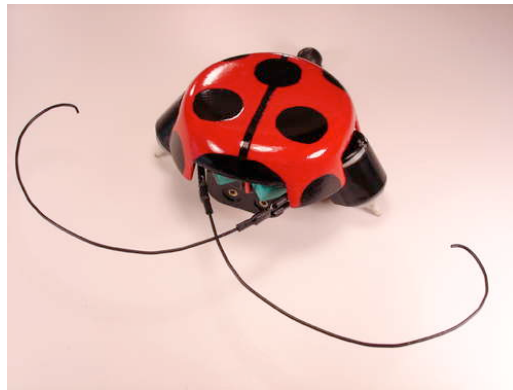


# Biomimetic Robots!



BeetleBot version 2. Image credit: robomaniac([www.JeromeDemers.com](http://www.JeromeDemers.com))

**Name:**

**Class Period:**

Draw a complete circuit with a light bulb, battery and switch.

**Homework:**

Describe, in detail, the behavior of the BeetleBot. Thoroughly explain what you observed as it navigated through its environment. How do you think it senses and responds to obstacles? (Use an additional paper if you need more room for your description. A written description is required. Drawings are optional.)

**Robot design hypothesis and testing:**

Explain what you did to change your robot and what the results were using the hypothesis structure: We hypothesized that if \_\_\_\_\_, then \_\_\_\_\_, because \_\_\_\_\_.

After you completed this change, what did you observe? What was the result?

(Use the back of the page to write out your hypothesis and your observed results.)