

Join the

CATERPILLAR EXPERIMENT

Test whether caterpillars eat faster when hot or cold

1 Form a hypothesis

A **hypothesis** is an educated guess about what will happen in your experiment. Which caterpillar do you think will be the fastest eater?

2 Take the caterpillar's temperature

Use the thermometer to take the caterpillar's temperature. Just shine the light on the caterpillar and check the screen!

3 Collect Data on Caterpillar Feeding

Pick a caterpillar and set the timer. Count how many bites it takes using the clicker. How much did your caterpillar eat? Was this what you guessed?

4 Add Your Data to the Graph

Share your data with other scientists! Mark the temperature on the x axis (horizontal), the number of bites on the y axis (vertical). In general, do **hot** or **cold** caterpillars eat faster?

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