

Glencoe Curriculum Portfolio Activities—Unit 7



Science 2

Create a spreadsheet showing how mealworms respond to different stimuli.

Work with a partner or group to complete the following experiment.

Step 1. Acquire some mealworms and a number of things you can put in front of the mealworms (light source, bran flakes, apple, banana, vinegar, ice cube, blowing air, hot water, room temperature water). Refer to the experiment on pages 40-41 in *Glencoe Science: An Introduction to the Life, Earth, and Physical Sciences*.

Step 2. Put each item in front of the mealworms and observe their reactions. Keep track of the reactions by making a list of the items and putting a plus (+) next to the item if it attracted the mealworms. Put a minus (-) next to the item if it did not attract the mealworms.

Key the information into a spreadsheet. Carefully proofread the information in your spreadsheet.

Resource:

Glencoe Science: An Introduction to the Life, Earth, and Physical Sciences

Topic: Life Science

Chapter 2: What is Life?, pp. 40-41