



# Science Toolkit: Grade 5 Objective 1.A.1.b

Student Handout: Science: Grade 5 Objective 1.A.1.b

Standard 1.0 Skills and Processes

Topic A. Constructing Knowledge

Indicator 1. Gather and question data from many different forms of scientific investigations which include reviewing appropriate print resources, observing what things are like or what is happening somewhere, collecting specimens for analysis, and doing experiments.

Objective b. Select and use appropriate tools hand lens or microscope (magnifiers), centimeter ruler (length), spring scale (weight), balance (mass), Celsius thermometer (temperature), graduated cylinder (liquid volume), and stopwatch (elapsed time) to augment observations of objects, events, and processes.

Selected Response (SR) Item

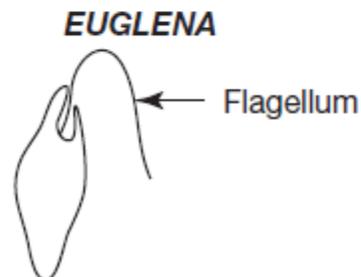
Question

Use the information and data table below to answer the following:

A student performed an investigation on green single-celled organisms called *Euglena*. Two samples of *Euglena* were placed in two different containers of water taken from the same source. One sample of *Euglena* was kept in a dark area. The other sample of *Euglena* was kept in a lighted area. The student recorded the observations in the table below.

## OBSERVATIONS OF EUGLENA

Sample 1: In Dark Area	Sample 2: In Lighted Area
Uses a flagellum to move	Uses a flagellum to move
Takes in other organisms	Moves toward light
Some divide into two small organisms	Some divide into two small organisms
Various sizes	Various sizes



Which tool did the student most likely use to observe the *Euglena*?

- A. goggles
- B. hand lens
- C. telescope
- D. microscope

Correct Answer

D. microscope

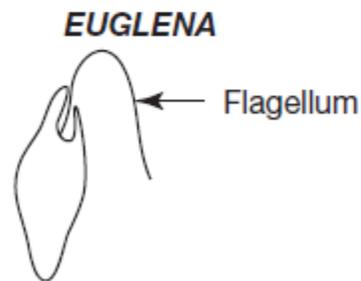
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