

## Case Details

### Case Title:

The Case of the Room 116 BLOB

### Author(s):

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### Date Published:

2/25/2008

### Grade Level(s):

Middle School

### Subject(s):

Life Science

### Summary:

Two unsuspecting students encounter a strange substance one day as they enter their classroom. Everyone thinks they know what it is&but do they? Is it harmful? Or more importantly - is it alive?

### Suggested Citation:

Hillman, A. L. (2008). *The case of the Room 116 blob*. Retrieved June 03, 2012 from Emory University, CASES Online Web site:  
[http://www.cse.emory.edu/cases/casedisplay.cfm?case\\_id=1695](http://www.cse.emory.edu/cases/casedisplay.cfm?case_id=1695)

### Notes:

This case could be easily adapted to the elementary school classroom.

### Learning Objectives:

1. Classify objects as living or nonliving based on the standard characteristics of living things: being composed of cells, reaction to the environment/stimuli, reproduction, possession of DNA, growth and development, excretion of waste, and consumption of nutrients/energy.
2. Exercise appropriate lab safety measures for handling and observing substances
3. List and explain the steps of the scientific method
4. Utilize the scientific method to guide inquiry
5. Predict whether or not a creature/object might survive certain conditions

### National/State Standards:

*Georgia Performance Standards*

S7CS1. Students will explore the importance of curiosity, honesty, openness, and skepticism in science and will exhibit these traits in their own efforts to understand how the world works. (NSES Content Standard A)

S7CS2. Students will use standard safety practices for all classroom laboratory and

field investigations. (NSES Content Standard A)

S7CS7. Students will question scientific claims and arguments effectively. (NSES Content Standard A)

S7CS8. Students will investigate the characteristics of scientific knowledge and how that knowledge is achieved. (NSES Content Standard A)

S7CS9. Students will investigate the features of the process of scientific inquiry. (NSES Content Standard A)

S7L1. Students will investigate the diversity of living organisms and how they can be compared scientifically. (NSES Content Standard C)