**Characteristics of Life/Scientific Process/Systems Review**

**CLASS COPY**

**Characteristics of Life**

1. Draw the diagram below onto your own paper. Write the 8 characteristics of life and a brief description of each.

2. Choose an inanimate (non-living) item and identify and describe at least 4 characteristics of life that it does not possess. Item: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Scientific Process**

Use the following scenario answer the questions below:

Gloria wanted to find out if the color of food would affect whether kindergarten children would select it for lunch. She put food coloring into 3 identical bowls of mashed potatoes. The colors were red, green, and blue. In a 4th bowl, she put in mashed potatoes with no food coloring. Each child chose a scoop of potatoes of the color of their choice. Gloria did this experiment using 100 students. She recorded the number of students that chose each color.

1. What is the Manipulated Variable?
2. What is the responding variable?
3. What are 3 variables that should be controlled?
4. Identify the experimental group.
5. Identify the control group.
6. Write a hypothesis

**Systems**

Name the 3 components of a system.

Name 1 thing that is NOT a system. WHY isn’t it a system?

Name 1 thing that IS a system. WHY is it a system?