

NAME: \_\_\_\_\_ DATE: \_\_\_\_\_ PERIOD: \_\_\_\_\_

## Is it Alive?

**Objective:** Students will generate a list of criteria for determining if something is alive or not.

### Procedure:

1. Observe and discuss *characteristics* of the object at your table. Write the name of your object in column 1.
2. Based on those characteristics, make an *inference* as to whether or not it is *alive* or not. Write “living” or “non-living” in column 2.
3. Finally, establish *criteria* that determine whether or not the object is alive. Generate a list of criteria in column 3.

### Words to Know:

<b>Characteristics</b>	distinguishing traits, qualities, or properties of an object or phenomenon
<b>Inference</b>	drawing a logical conclusion based on observations and data collection
<b>Criteria</b>	a standard list of “rules” established so judgment or decisions are based on objective and defined ideas rather than subjective ones
<b>Organism</b>	an individual able to carry out the activities of life
<b>Life</b>	a state defined by the capacity for metabolism, growth, reaction to stimuli, and reproduction

<b>Thing or Object</b>	<b>Is it Alive?</b>	<b>Why or Why Not?</b>

