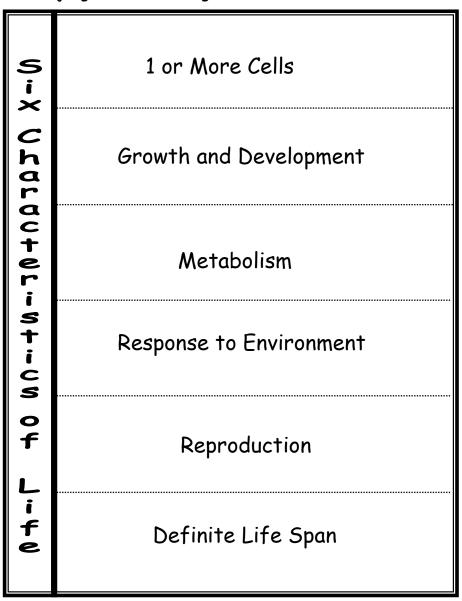
"6 Characteristics of Life" Foldable

The following foldable can be photocopied 2 per landscape letter size OR can be created by students in their interactive notebooks by gluing the top, left side, and bottom of two sequential pages together and then cutting six flaps consisting of three notebook lines each, allowing for a summary space below. "Underneath" each flap should be written the definition, description, or justification for each of the six characteristics based on the class discussions following the affinity diagram. Examples of definitions for the six sections are found in the "Critical Vocabulary" section of the lesson plan and on the next page. On the "back" of each flap is space for students to record examples, which may be teacher or student-provided, as shown on the next page.

It's Alive . . . Or is it?

To be judged biotic, an organism must show ALL of the:



Summary:

"6 Characteristics of Life" Foldable inside sections

Back of Flap

Under the Flap

Unicellular example: bacteria	Cell—the smallest unit of life
	Unicellular—single-celled organism
Multicellular example: a plant or animal	Multicellular—organism made of many cells
Examples:	the multiplication of cells in an existing
seed to sapling to tree	organism to add mass or change its
egg to larva to pupa to adult butterfly	shape/structure
Examples:	the energy-sustaining processes that use raw
green plants absorbing sunlight	materials/ produce products like oxygen,
student eating a hamburger	carbon dioxide, sugars, etc.
Examples:	the ability of an organism to react
vines twisting to be in the best light	to its surroundings to improve its chance
possums "playing dead" around predators	of survival
Examples:	the asexual or sexual creation of a new
plant leaf cuttings to make a new plant	organism by an existing organism
pollen & seed combined to make new plant	or organisms
Examples:	the limited time range before an organism's
Average for an oak tree: 350 years	cells break down beyond its ability to replace
Average for aquarium goldfish: 5-10 years	or repair them