

Name: _____
Mr. Willis
Biology: _____
Date: _____

Unit I
Biology – The Nature of Science
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I

Read the short passage and, then, complete the two boxes beneath it.

Biology is the science concerned with the study of life.

Living organisms undergo metabolism, maintain homeostasis, possess a capacity to grow, respond to stimuli, reproduce and, through natural selection, adapt to their environment in successive generations. More complex living organisms can communicate through various means.^{[1][5]} A diverse array of living organisms (life forms) can be found in the biosphere on Earth, and the properties common to these organisms—plants, animals, fungi, protists, archaea, and bacteria—are a carbon- and water-based cellular form with complex organization and heritable genetic information.

List the seven (7) characteristics that determine whether an organism is considered living or not.

Name three things that you consider to be living.

Name three things that you consider to be non-living. (Remember, non-living and dead are not the same concept.)