

6th Grade Study Guide

Chapter 1

LIVING THINGS Section 2

- All living things have a cellular organization.
- Living things need respond to stimuli in their environment.
- Living things maintain homeostasis in their environment.
- Living things require energy.
- Living things grow and develop.
- Living things reproduce.
- Living things contain similar chemicals obtained from materials in their environment.

WHERE DOES LIFE COME FROM? Section 3

- Share examples of spontaneous generation
- Describe biogenesis and Louis Pasteur's work (1859).

CLASSIFICATION Section 4

- Show understanding of the purpose of classification.
- Summarize Aristotle's first classification system.
- Model the modern system based on the work of Linnaeus.
- Define phylogeny.
- List the seven classification levels in order.
- Explain the system of binomial nomenclature and the four reasons why it is used.
- Demonstrate how to use a dichotomous key.

THAT'S LIFE

