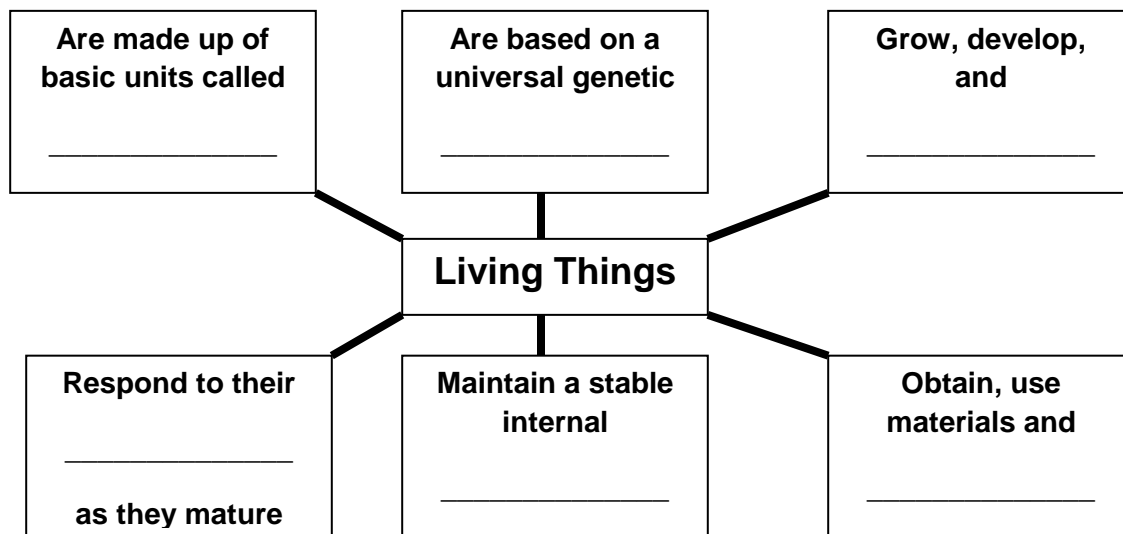


1.3 READING GUIDE - Studying Life (pg. 17-25)

Characteristics of Living Things

1. Define **BIOLOGY**: _____

2. Fill in the concept map below using pages 18-19.



3. Using pages 20-21, fill in the table below.

Big Idea	Description
Cellular basis of Life	Living things are made up of Cells
	Life requires matter that provides raw materials, nutrients, and energy
Growth, development, and reproduction	
	Each major group of organisms has evolved structures that make particular functions possible
Science as a way of knowing	

4. In this section, it describes how things can be considered “living” or “nonliving” based on whether something can move, grow, or reproduce. Based on these characteristics, would a flame be considered alive? Why or why not?



5. The Venus Flytrap is a carnivorous plant and gets some of its nutrients from insects. An insect will land on the leaves of the Venus Flytrap. The leaves of plant will close around the insect and digestion will begin.



a) Identify the stimulus: _____

b) Identify the response: _____

Fields of Biology

6. Read through the descriptions of the 5 fields of biology mentioned in the section. Pick one and describe it. (include an example of something a scientist in that field might study)

Performing Biological Investigations

7. Why do scientists use a common system of measurement?

