

Name: _____

Date: _____

TOC #: _____

Notes from Section 1-1: Pages 6-9 and pages 12-14

What is Life?

Anticipatory Set

1. Define life in your own words. _____

2. Is life easy to define? _____ Explain your answer _____

Outline Notes:

1. The Characteristics of _____ Things

a. _____: A living thing

i. Important Characteristics that all living things have

1. Made of _____

2. Use energy (needs _____ and water)

3. _____ to a stimuli

4. Adapts to the _____

5. Grows and _____

6. _____

b. _____: The basic unit of structure and function in an organism

c. Unicellular: _____ organisms

d. Multicellular: Composed of _____ cells

e. _____: The most abundant chemical in a cell

f. _____: Changes in temperature, light, and sound

g. Response: An action or _____ in behavior

h. Growth: _____

i. Development: Process of change that occurs during

_____ to produce a more complex organism

j. _____: Produce _____

2. The Needs of Living _____

a. All living things must satisfy their basic needs

- i. _____
- ii. _____
- iii. _____
- iv. _____

b. Autotrophs: _____

- i. Example: _____
- ii. Energy Source: _____

c. _____: Organisms that cannot make their own food

- i. Examples: _____
- ii. Energy Source: _____

d. Auto: _____

e. -troph: _____

f. Hetero-: _____

g. _____: All living things need this to _____

Summarize the main ideas in this section.