The Characteristics of Life

1. All living things are made of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* A \_\_\_\_\_ IS THE \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_THAT CAN CARRY OUT LIFE PROCESSES.
* \_\_\_\_\_\_\_\_\_\_\_(**\_\_\_\_\_\_\_\_** ) organisms makeup most organisms on Earth. They have everything they need to be self-sufficient.
* In \_\_\_\_\_\_\_\_\_\_\_\_\_ organisms, the cells specialize to perform specific functions (bone cells, skin cells, muscle cells, root cells, leaf cells).

1. All living things use \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* The \_\_\_\_\_\_\_\_ is the main source of energy on Earth!!!
* Plants \_\_\_\_\_\_\_\_\_\_ trap the energy of the Sun and make glucose (sugar) in the process called photosynthesis.
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_ (animals) get their energy from the **plants!!!!**

1. All living things respond to a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* Living things \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to immediate and long-term \_\_\_\_\_\_\_\_\_\_\_\_ in their environment.
* Give examples: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. All living things \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   * \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ must occur for a species to survive.
   * Reproduction can be either \_\_\_\_\_\_\_\_\_\_\_\_\_ or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
2. All living things \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   * To grow means to get bigger and to get bigger; \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   * To increase numbers of cells, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ must occur.
   * \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ means to change into an adult form (mature).
3. All living things change to fit their environment (\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_)
   * Organisms must \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to changes in their environment or risk becoming \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
   * \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ occur over a very long period of time (millions of years).
4. All living things have \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   * \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ provides instructions for making molecules called proteins.
   * \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_build cells.
   * DNA carries the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ from parent to offspring (\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_)