**Characteristics of Life**

**Section 1:** Go through the following chart and determine if each object/creature has each characteristic. Place a checkmark in the box below each characteristic, if the object/creature has that characteristic.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Made up of cells** | **Reproduces** | **Responds to Stimuli** | **Obtains and Uses Energy** | **Universal Genetic Code** | **Homeostasis (maintains internal balance)** | **Adapts to Surroundings** | **Population Evolves Over Time** |
| **Cats** |  |  |  |  |  |  |  |  |
| **Mold** |  |  |  |  |  |  |  |  |
| **Sunflower** |  |  |  |  |  |  |  |  |
| **Air** |  |  |  |  |  |  |  |  |
| **Virus** |  |  |  |  |  |  |  |  |
| **Plastic** |  |  |  |  |  |  |  |  |
| **You** |  |  |  |  |  |  |  |  |

**Section 2:** In the space below, create your own organism. Draw and color your new organism in detail. Your new organism must be UNIQUE (never seen anywhere else), and must fulfill each of the characteristics of life listed above.

You must **LABEL** each feature that demonstrates the characteristic life (you must have 8 labels!)

Name of Your Organism: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_