Name Period \_\_\_\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

I CAN distinguish between living and nonliving things based on characteristics.

List six characterstics of living

things.

**Characteristics of Life Data Table**

List the six easily observable characteristics of living things from this web site:

1.\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(just write the one word)

2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3.\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4.\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5.\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_

6.\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

What is the one characteristic that our textbook lists that is not listed above?

7.\_\_\_\_\_\_\_\_\_\_\_\_\_\_

What is the one characteristic that this web site lists above that is not listed in our textbook?

8. \_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |
| --- | --- | --- |
| Category | **Characteristics of Life** | **Description of Observed Characteristics** |
| [C. elegans](http://www.exploratorium.edu/imaging_station/students/c_elegans.html)(Caenorhabditis elegans) Video: Moving *C. elegans* |  |  |
| [Sea Urchins](http://www.exploratorium.edu/imaging_station/students/sea_urchins_div.html)  (Lytechinus pictus)  Video: Sea urchin cell division |  |  |
| [Sea Urchins](http://www.exploratorium.edu/imaging_station/students/sea_urchins_fert.html)  (Lytechinus pictus)  Video: Sea urchin fertilization |  |  |
| [Blood Cells](http://www.exploratorium.edu/imaging_station/students/blood_cells.html)  Video: Human white blood cells |  |  |
| [Cellular Structure and Function](http://www.exploratorium.edu/imaging_station/students/cell_struct_funct.html)  Video: *Elodea* leaf cells |  |  |
| [Stem Cells](http://www.exploratorium.edu/imaging_station/students/stem_cells.html)  Videos: Compare Mouse embryonic stem cells—movie 1 with Heart cells grown from mouse embryonic stem cells—movie 1 |  |  |
| [Cell Motility](http://www.exploratorium.edu/imaging_station/students/cell_motility.html)  Video: Crawling *Amoeba* |  |  |
| [Zebrafish](http://www.exploratorium.edu/imaging_station/students/zebrafish.html)  *(Danio rerio)*  Video: Zebrafish development |  |  |