

Name _____

Date _____

Observing the Characteristics of Life

In this activity, you'll identify observable characteristics of life in videos of various organisms and describe those characteristics.

Review

What are six easily observable characteristics of living things? (Record in your spiral page _____.)

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

To Do and Notice

If your teacher is displaying the videos:

Record one or more of the characteristics that you observe for each category and describe it on the data table that follows.

If you are doing this activity independently:

1. On the data table, click on each category name.
2. Read the introduction at the website, then play the video.
3. Record one or more of the **Characteristics of Life** that you observe for each category and describe it on your data table under "**Description of Observed Characteristics.**"

continued

Characteristics of Life Data Table

Category	Characteristics of Life	Description of Observed Characteristics
<p><u>C. elegans</u> (<i>Caenorhabditis elegans</i>) Video: Moving <i>C. elegans</i></p>		
<p><u>Sea Urchins</u> (<i>Lytechinus pictus</i>) Video: Sea urchin cell division</p>		
<p><u>Sea Urchins</u> (<i>Lytechinus pictus</i>) Video: Sea urchin fertilization</p>		
<p><u>Blood Cells</u> Video: Human white blood cells</p>		
<p><u>Cellular Structure and Function</u> Video: <i>Elodea</i> leaf cells</p>		
<p><u>Stem Cells</u> Videos: Compare Mouse embryonic stem cells—movie 1 with Heart cells grown from mouse embryonic stem cells—movie 1</p>		
<p><u>Cell Motility</u> Video: Crawling <i>Amoeba</i></p>		
<p><u>Zebrafish</u> (<i>Danio rerio</i>) Video: Zebrafish development</p>		