

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?

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 in turn.
2. Read the introduction, then play the video.
3. Record one or more of the characteristics that you observe for each category and describe it on your data table.

continued

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Characteristics of Life Data Table

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