Webquest: Is it Alive? Unit: Alive (1.3)	NPD
Overview: In this activity, you'll identify observable characteristic describe those characteristics.	cs of life in videos of various organisms and
Review What are six easily observable characteristics of living things? <a href="http://www.exploratorium.edu/imaging_station/activities/classroom/ch">http://www.exploratorium.edu/imaging_station/activities/classroom/ch</a>	aracteristics/ca_characteristics.php
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Defining "life" is a very difficult task, and scientists don't all characteristics of life. Some of the other characteristics that y listed in textbooks, include those listed closer to the bottom of Compare this list with the "BASIC SIX" that you wrote dow that isn't found on the list of 6?	you may discover, and which are often of the page of the website from above.
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9.	

## **Instructions:**

1. On the data table (see back), click on each category name in turn.

10. \_\_\_\_\_

- 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.

## **Characteristics of Life Data Table**

Category	Characteristics of Life	<b>Description of Observed Characteristics</b>
C. elegans (Caenorhabditis elegans)		
Video: Moving <i>C. elegans</i>		
video. No ving e. ereguns		
Coo Hushing		
Sea Urchins (Lytechinus pictus)		
Video: Sea urchin cell division		
Sea Urchins		
(Lytechinus pictus)		
Video: Sea urchin fertilization		
Blood Cells  Video: Human white blood cells		
video: Human white blood cells		
Cellular Structure and		
<u>Function</u>		
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 Amoeba		
<b>Zebrafish</b>		
(Danio rerio)		
Video: Zebrafish development		