

Prehistoric Life Guided Tour Pre-Visit Living vs. Non-Living Lesson Plan

| Grade | Suggested Time | NGSS Connections |
|-------|----------------|---|
| 1-3 | 30 minutes | <p>1-LS1-1: Use materials to design a solution to a human problem by mimicking how plants and/or animals use their external parts to help them survive, grow, and meet their needs.</p> <p>2-LS4-1: Make observations of plants and animals to compare the diversity of life in different habitats.</p> <p>3-LS4-1: Analyze and interpret data from fossils to provide evidence of the organisms and the environments in which they lived long ago.</p> <p>3-LS4-3: Construct an argument with evidence that in a particular habitat some organisms can survive well, some survive less well, and some cannot survive at all.</p> |

Learning Outcome

Students will identify the characteristics of living and non-living things.

Materials Needed

Variety of objects – be sure to include living and non-living items (a live plant, rock)
 Pictures of objects (included in this lesson)
 Fossil or Image of a Fossil (image included in this lesson)

Background and Key Vocabulary

A living thing is something that is alive or once was alive. A nonliving thing is something that never was alive. For something to be classified as living, it needs air, food and water. It also needs to move, grow and reproduce.

Activity

1. Draw a large T-chart on the board with Living and Non-Living as the headings.
2. Have students choose one of the objects and tell you whether it is living or non-living. Then write the name of the object under the appropriate column.
3. Once there are several items listed, review the chart with the class. Discuss the options and see if anyone thinks that something belongs in a different column. Talk about it with the class and move it to the other column if that is decided.