

Objective

By the end of this lesson, the student will be able to compare the features and characteristics of living and non-living things in the natural world.

Materials and Prep

- Pen and paper
- A computer or tablet with internet access
- Optional: Books or educational videos about living and non-living things

No prior knowledge or preparation is required for this lesson.

Activities

- **Activity 1: Observation Walk**

Take a walk outside and observe the surroundings. Look for living and non-living things in the environment. Make a list of at least five examples of each. Take notes on their features and characteristics.

- **Activity 2: Venn Diagram**

Create a Venn diagram using a piece of paper or a digital tool. Label one circle "Living Things" and the other circle "Non-Living Things." Fill in the overlapping area with things that can be both living and non-living. Write or draw examples in each section of the diagram.

- **Activity 3: Research and Presentation**

Choose one living thing and one non-living thing from your observation walk. Conduct research online or using books to gather more information about them. Create a short presentation highlighting their features and characteristics. Use pictures or drawings to support your presentation.

Talking Points

- **Living Things:**

- "Living things are organisms that have the ability to grow, reproduce, and respond to their environment."
- "They are made up of cells and require energy to survive."
- "Living things can be classified into different groups, such as plants, animals, and microorganisms."

- **Non-Living Things:**

- "Non-living things are objects or substances that do not possess the characteristics of living organisms."
- "They cannot grow, reproduce, or respond to their environment."
- "Non-living things can include rocks, water, air, and man-made objects like buildings and vehicles."

- **Comparison:**

- "Living things require energy, while non-living things do not."
- "Living things can adapt and evolve, while non-living things remain unchanged."
- "Both living and non-living things play important roles in the ecosystem."