

Objective

By the end of this lesson, the student will be able to understand the importance of environmental science and its impact on our planet.

Materials and Prep

- Paper and pencils
- Access to a computer or tablet with internet
- Optional: Art supplies (colored pencils, markers, etc.)
- Prep: None

Activities

1. Activity 1: Introduction to Environmental Science

Start by discussing with the student what environmental science is and why it is important. Use examples such as pollution, deforestation, and climate change to illustrate the impact of human activities on the environment. Encourage the student to share their thoughts and ideas.

2. Activity 2: Investigating Ecosystems

Have the student choose an ecosystem they are interested in (e.g., rainforest, ocean, desert) and research about its characteristics, plants, and animals. They can use books or the internet to gather information. Ask the student to create a drawing or write a short paragraph describing their chosen ecosystem.

3. Activity 3: Reduce, Reuse, Recycle

Discuss the importance of reducing waste, reusing materials, and recycling. Brainstorm together with the student different ways they can practice these concepts in their daily lives. Encourage them to come up with creative ideas and make a list of actions they can take.

4. Activity 4: Creating an Environmental Poster

Using the information learned from the previous activities, have the student design and create an environmental poster. They can include drawings, slogans, and facts about environmental conservation. This activity allows the student to express their understanding and creativity.

Third Grade Talking Points

- "Environmental science is the study of how living things interact with their surroundings."
- "We need to take care of the environment because it provides us with clean air, water, and food."
- "Ecosystems are communities of plants, animals, and other organisms that live together in a specific area."
- "Reducing waste means using fewer resources and creating less trash."
- "Reusing materials means finding new ways to use things instead of throwing them away."

- "Recycling is the process of turning used materials into new products."
- "By practicing reduce, reuse, and recycle, we can help protect the environment and conserve natural resources."