Objective

By the end of this lesson, you will be able to understand the importance of recycling, identify different recyclable materials, calculate recycling rates, and participate in physical activities related to recycling.

Materials and Prep

- Paper and pencil
- Recyclable materials such as plastic bottles, aluminum cans, and cardboard boxes
- Access to a recycling bin or container
- Space for physical activities

Activities

1. Recycling Hunt: Go around your house or neighborhood and identify at least five different recyclable materials. Write down their names and take note of where you found them.

2. Recycling Rates: Choose three different recyclable materials from your list and research their recycling rates. Calculate the percentage of each material that gets recycled and write down your findings.

3. Recycling Relay: Set up a relay race with your family or friends using recyclable materials. Divide into teams and pass the items to each other, making sure to place them in a designated recycling bin at the end. Time each team and see who finishes the race the fastest.

4. Recycled Art: Get creative and make a piece of artwork using only recyclable materials. Use your imagination and create something unique and meaningful.

Talking Points

- "Recycling is important because it helps protect the environment and conserve natural resources."
- "Recyclable materials include items like paper, plastic, glass, metal, and cardboard."
- "When we recycle, we reduce the amount of waste that goes to landfills and save energy."
- "Did you know that recycling one aluminum can saves enough energy to power a TV for three hours?"
- "Calculating recycling rates helps us understand how much of a material is being recycled compared to how much is being thrown away."
- "Physical activities related to recycling, like the recycling relay, promote teamwork and physical fitness while raising awareness about the importance of recycling."
- "Creating art with recyclable materials allows us to give new life to items that would otherwise be thrown away."