

Lesson Plan

Subject Area/Theme: Science/Recycling

Objectives: The students will:

- Identify the impact trash has on the environment
- Recognize the recycling symbol & sort items with the symbol from those without it.
- Sort glass, plastic, paper, cans.
- Identify their role in protecting the environment by applying the 3 R's (Reduce, Reuse, and Recycle).

Procedures: I will:

- Introduce the lesson & motivate the class through a discussion about the activities the kids enjoy doing in the environment and why they think a clean environment is important, relevant to what they enjoy, and what the environment provides them. Next, I will assess prior knowledge by applying the KWL chart and asking what the students know about the environment and recycling.
- Read Recycle! A Handbook For Kids by Gail Gibbons & discuss new terms as they arise.
- Address/explore questions generated from the story and follow up with questions to the students to emphasize the objectives.
- Divide the class into 3 groups.
 - Group 1 will sort recyclable material from non-recyclable material, to be determined by the presence of the recycling symbol. Students will then elaborate on this by sorting different types of recyclables (glass, plastic, aluminum, and paper).
 - Group 2 will demonstrate their understanding of how they can help the environment through a writing/illustrating assignment.
 - Group 3 will match empty containers with a reused version of that same container. Then write how they would reuse one of the items at this station.

Materials:

- Sorting Station: A basket full of common household items, some with and without the recycling symbol & boxes designated for plastic, paper, glass, cans.
- Writing/Illustrating Activity: Reduce/Reuse/Recycle Template, colors, pencils, scissors. (Desk work)
- Re-Use Matching activity: Empty cereal box, soup can, cream cheese container, plastic peanut butter jar, paper & pencils, box magazine holder, pencil holder, play food, marbles.

Culminating Activities/Assessment:

I would evaluate my stated objects by circulating around the classroom during the activity time and observe students identifying the recycling symbol, & their sorting abilities. The class would share

their writing assignment & by doing so I could assess their understanding of their role in helping the environment. As a class we would compile a list of all the ways we were able to reuse items in the Re-Use matching activity game. To close the lesson, I would encourage the children to look at items in their home, teach mom/dad or other family member what items they can recycle and to share what happens to items when they go to a landfill versus a recycling center.

Culminating Activities/Assessment:

- Observe students sorting and identifying the recycling symbol
- Share their writing assignments.
- Observe students matching reused items with items in their original form
- As a group, list different ways we could use items at the activity stations and in our home