

RECYCLING WASTE

Subject

Basic Science

Prepared By

[Instructor Name]

Grade Level

4

Overview

This lesson plan covers teaching content for;

1. Re-using waste (recycling)

Objectives

Students should be able to;

1. Understand waste management.
2. Identify and discuss how to recycle waste.
3. Discuss and explain why it is important to recycle waste.

Activity Starter/Instruction

1. Fill trash bin to overflowing with trash items and place it in the usual spot
2. Set out books on recycling, the environment, etc in the reading center.
3. Ask the children if they know what happens to garbage after they put it in the garbage can.
4. Write their thoughts on the white board.
Explain to the children that garbage goes to a garbage dump (landfill) and that once one landfill gets full, room for another one must be found.
5. Ask the children to imagine what it would be like if the city ran out of room for garbage. Comments aren't necessary at this point... just have them imagine it in their heads.
6. Ask them how they can prevent the city from running out of room (garbage room) Write their ideas on the board.

Guided Practice

Day 2/ Lesson 2: 15 Mins

1. Collect classrooms trash cans that are filled with trash.

Teacher Guide

Day 1/ Lesson 1: 15 Mins

1. Introduce the concept of the 3R's (REDUCE, RECYCLE AND REUSE). Classify their ideas from the last class as Reduce, Recycle or Reuse.
2. Making them take note of the following;
 - REDUCE ==> make less garbage. For example, instead of buying juice boxes for lunch, buy a large container of juice and use a washable single serving container to take it to school.
 - REUSE ==> use an item more than once. For example, when you get a plastic bag from the grocery store put it in your car and use it again the next time you go shopping.
 - RECYCLE ==> turn an item into another useful item. For example, scrap paper from the classroom might be turned into newspaper or paper bags when sent to the recycling plant.
3. Divide the class into groups of 2 to 4 students. Have each group take a few items out of the garbage can and move to their own area. Have them jot down some points

Materials Required

- Trash bin
- Trash/litters
- Gloves
- Disposable gloves
- Pictographs

Additional Resources

- <http://www.meea.org/lessons/5-problems/waste.html>
- <https://www.scribd.com/document/293162/Waste-Management>
- <https://www.kidzone.ws/plans/view.asp?i=1>
- <https://blog.littlelives.com/mini-lesson-plan-reduce-reuse-recycle-47d84d39bb2b>

Additional Notes

	<p>2.Assign to the groups one portion of the trash each as lab materials.</p> <p>3.Distribute a pair of gloves to each student.</p> <p>4.Distribute three empty trash bags to each group.</p> <p>5.Ask them to sort the trash using the trash bags. Remind them to wear gloves! Sort the trash into three groups: recyclable, non-recyclable and re-useable. (Note: you may need to discuss the differences between these groups</p>	<p>on how they might use the 3 R's on the items they've chosen.</p> <p>4.Return to the large group. Have the class share one of their ideas. Write them down on the board.</p> <p>Guided Practice</p> <p>Day 3/ Lesson 3: 15 Mins</p> <p>1.Ask them to write down several examples for each of the 3Rs.</p> <p>2.Organize the students into groups of three.</p> <p>3.Pass out one set of the 3R's Pictographs (different pictographs showing and describing the 3R's) to each group.</p> <p>4.Ask each group to cut out the pictographs.</p> <p>5.Provide a definition for each of the three pictographs and have the groups identify which pictograph represents each of the 3Rs. ask them to write the name of each pictograph below the picture.</p>
	<p>Assessment Activity</p> <p>Assess if pupils can:</p> <p>1.Know the effect of excess waste in the environment.</p>	<p>Assessment Activity</p> <p>Assess if pupils can:</p> <p>2.Explain how waste is reduced, reused and recycled.</p>
	<p>Summary</p> <p>1. Ask for volunteers to share what they understand in waste recycling and its effect?</p>	