

For Ages 10+

Reduce, Reuse, Recycle

**Addressing environmental
concerns in the community.**

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Recycling At Home

🌍 At home there are many ways we can recycle. Using the three R's, list some ways you Reduce, Reuse and Recycle at your home.

Draw a picture in each box of one of these ways.

1. Reduce

2. Reuse

3. Recycle

Useful Internet Site: www.dnr.state.wi.us/org/caer/ce/eeek/earth/recycle/

Classroom Quiz

🌐 You will need to be in groups of four or five for this quiz.

Use one sheet to record group answers.

Put a tick (✓) for each "Always"; a cross (X) for each "Never"; and a question mark for each "Sometimes".

Activity	Always	Sometimes	Never
1. I buy my lunch from the canteen.			
2. I use both sides of paper.			
3. I use a handkerchief instead of tissues.			
4. I use reusable containers when bringing my lunch to school.			
5. I bring empty containers to school to use for art and craft.			

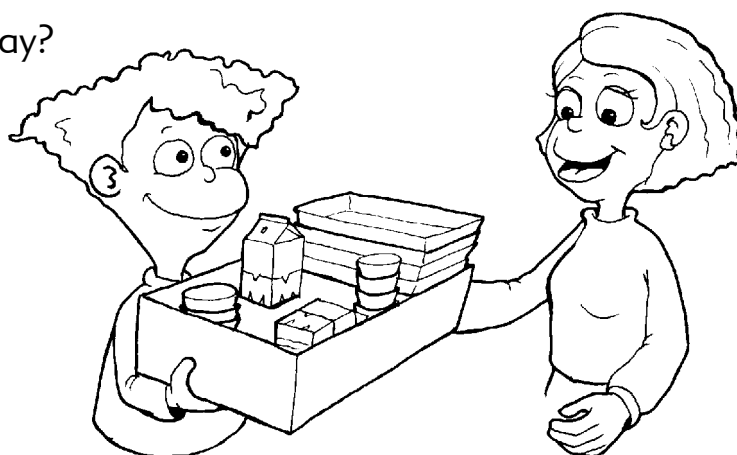
🌐 From the answers above, how many people ...

Buy lunch from the canteen everyday?

Never use tissues?

Always use handkerchiefs?

Sometimes use reusable containers for their lunch?



🌐 As a class, brainstorm ways in which you could reduce the amount of waste you create.

The Natural Water Cycle (1)

Things you will need:

- 2 x empty glass jars with lids
- dry soil
- seedlings
- 1 cm graph paper
- vinegar solution (one part vinegar to one part water)
- sand
- some small white pebbles or stones
- 2 x small bottle caps to fit in jars
- water

How to set up the investigation:

1. Fill the jars with pebbles, then add the sand and the soil. Add a few drops of water to each.
2. Plant the seedlings in the soil and lightly water.
3. Mark one bottle cap as "Jar 1" and fill with water. Mark the other as "Jar 2" and fill with the weak vinegar solution. Put the bottle caps in the jars.
4. Put the lids on the jars and place in a sunny position.

Questions

What do you think is going to happen?

Do you think the vinegar solution will affect the plant? _____

Outcomes

What happened to the plant in the jar with the vinegar solution? _____

What happened to the lid filled with water? Did it refill or just evaporate?

What is your conclusion? What have you learned from this experiment?

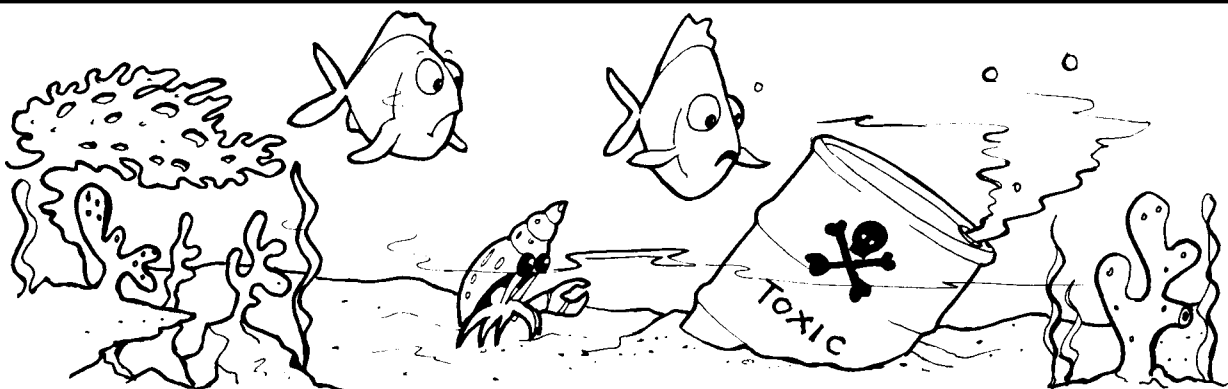
Class Discussion

This experiment was about acid rain. What kinds of materials do you think would cause harmful chemicals when broken down? What would be a better way of disposing of these materials?

Plays And Drama

- 🌐 Write a story pretending you are an ocean creature who has had waste dumped into your home. Use the template below to help in your planning.

What creature are you?	
What did your home look like before waste was dumped?	What has been dumped into your part of the ocean?
What does it smell like?	How does it make you feel?
What are you going to do now?	



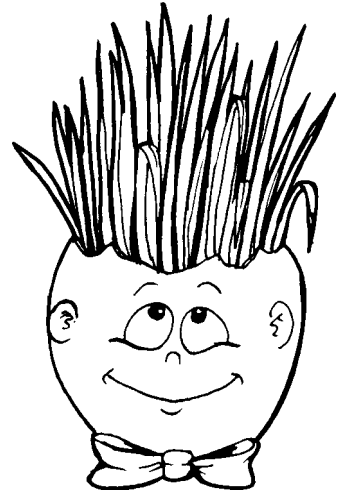
(For the Teacher) Class Extension

Get the children to work in groups to decide which story they like the best. Let them act their story out for the rest of the class.

Grassy Eggheads

Things you will need:

- 2 x empty egg shells, washed
- paint and paintbrushes
- varnish
- grass seeds
- kitchen paper and soil
- empty egg carton



What to do:

1. Place one of the washed egg shells in an empty egg carton and paint a funny face on it. When it is dry, put a coat of varnish on it to protect your artwork.
 2. Fold some kitchen paper/absorbent paper to make a thick pad. This will be where your seeds grow. Place the paper pad in the bottom of one of the eggshells and sprinkle some cress seeds on it. Add a little water.
 3. Put some soil in the other eggshell. Sprinkle some seeds on the soil and water.
 4. Put your eggheads in a sunny position, checking each day that the paper/soil is still damp. After a few days the seeds will start to grow and your egghead will have a head of hair.
- 🌐 Which egghead grew the tallest - the one in the soil or the paper pad?

Draw a picture of your favourite egghead here.