

<b>ecoMentors Lesson Plan Template: Helping kids explore the planet! <a href="http://www.ecomentors.ca">www.ecomentors.ca</a></b>		
<b>Title: The 3 R's</b>	<b>Grade Level(s): 3-4</b>	<b>Time/Date:</b>
<b>School:</b>	<b>Teacher:</b>	
<b>Directions to school, class:</b>		
<b>Contact Info:</b>		
<b>Ontario Curriculum Connection: Science and Technology (Matter and Materials) &amp; Social Studies (Canada and World Connections)</b>		
Vocabulary: Words & Concepts your class may be learning, look these up yourself too!		
<b>Reduce</b> – to use less or make less, decrease		
<b>Reuse</b> – to use again		
<b>Recycle</b> – to change and use again in a different form		
Materials and Equipment: List these before and while you plan and revise so you're prepared.		
<ul style="list-style-type: none"> <li>- Bring in a number of different grocery shop fliers, at least enough for two student to have one flier</li> <li>- Bring cards with different types of waste and sticky tape for compost-game</li> <li>- Some sort of reusable container</li> <li>- Paper and colors, scissors, glue</li> </ul>		
What is your class accomplishing?: Learning & Activity Goals, Objectives		
<ul style="list-style-type: none"> <li>• <b>Identify ways to reduce, recycle and reuse different objects.</b></li> <li>• <b>Identify the amount of packaging used in commercial products.</b></li> <li>• <b>Understand the different materials that are disposed of in a typical garbage dump.</b></li> </ul>		

## PROCEDURE

The Spark: Introductions, Demonstrations, Show and Tell, Topic Intro (Break the ice!) ~5-10min

Introduce yourself.

Have students introduce themselves along with an answer to the questions:

*What kind of garbage did you or your parents throw away this morning?*

Or: *What was the last thing you threw away?*

Brainstorming, Getting ideas, Connecting ideas (assess their knowledge!) ~10-20min

### Discussion

*What does Reduce mean? Can someone spell? What is an example of reduce?*

*What does Recycle mean? Can someone spell it? What is an example of recycling?*

*What does Reuse mean? Can someone spell it? What is an example of reuse?*

*Which one of these do you do at home? At school? On the street? Why do we recycle? Reduce? Reuse?*

Activity, Game, Exercise, Debate, Puzzles, Problem Solving, Role Play(Pt. II or Cont...) ~10-30mins

### Good things come with no packaging

- Ask students to go through the fliers and find 2-3 items that have 1 layer of packaging.

*Why does this product have this layer of packaging? Is it necessary? How can this be reduced?*

- Ask students to go through the fliers and find 2-3 items that have 2-3 layers of packaging.

*Why does this product have this layer of packaging? Is it necessary? How can this be reduced?*

- Ask students to go through the fliers and find products with the least and most packaging.

*Why do products have so much packaging? How can we reduce this amount?*

**Re-use it!** Circulate a re-usable container, each student must come up with a new way to re-use it.

Activity, Game, Exercise, Debate, Puzzles, Problem Solving, Role Play(Pt. II or Cont...) ~10-30mins

Ask students to raise their hands if they know if the sentence is about reducing, reusing or recycling.

1. People melt plastic bottles and make new plastic bottles for juice. (Recycle)
2. You give your old books to a friend to read. (Reuse)
3. Your family turns off the water when they brush their teeth. (Reduce)
4. Your class collects used paper and sends it to a place where they make it into new paper. (Recycle)
5. Your class turns off the light when there is no one in the class. (Reduce)
6. You collect your plastic shopping bags and use them as garbage bags. (Reuse)
7. At the grocery store you bring your own bag so you don't have to use a new one. (Reduce)
8. Your mom uses the same lunch box for your sandwich. (Reduce, Reuse)
9. You give your old clothes to the Salvation Army, they give it to others who need it. (Reuse)
10. You turn off the TV at home when you are not watching it. (Reduce)

Activity, Game, Exercise, Debate, Puzzles, Problem Solving, Role Play(Pt. II or Cont...) ~10-30mins

Ask the students to divide a paper in 2. Let them make a drawing on the left side of a person who reduces, reuses or recycles. On the right side let them draw a picture of what would happen if people did not reduce, reuse and recycle.

Let them explain their pictures.

Activity, Game, Exercise, Debate, Puzzles, Problem Solving, Role Play(Pt. II or Cont...) ~10-30mins

**To compost or to not compost?**

Go to <http://www.toronto.ca/greenbin/card.htm> and write items from the 'What goes in the Green bin' and 'What does not go in the Green bin' on pieces of paper. Draw two columns give the students some tape and allow them to go up and put items in their correct columns.

Prepare cards in advance.

Contingency, Plan B, extra game or activity (Back up plan) ~5-10mins

**Think of your own cool, fun, engaging activity!**

Review, Conclusion and steps towards continued action ~5-10mins

*What are some new things that you'll do to exercise the 3 R's?*

References

1. City of Toronto – [www.toronto.ca/recycle](http://www.toronto.ca/recycle)  
Recycling Fun Facts - <http://members.aol.com/Ramola15/funfacts.html>

Great work ecoMentor! After use of Lesson Plan revise, add ideas and repeat!