



Chapter 12 Section 3

Evaluate how human activities affect the condition of the earth's land, water and atmosphere. 0707.7.9

Essential Questions

- Why is conservation important?
- What can we do to conserve?

Conservation

- Conservation efforts can help prevent shortages of natural resources.
- Conservation: preservation, protection, or restoration of the natural environment
- The three Rs of conservation are...



Reduce

- When you lower your energy consumption, you reduce your use of natural resources.
- How can you reduce your use of natural resources? Brainstorm with your table.
- Examples:
 - Walk or ride a bike instead of riding in a car.
 - When you buy a carton of milk, don't ask for a plastic bag. Just carry it out.
 - UNPLUG!
 - Watch the temperature in your house.

Reuse

- When you use an item more than once, you are reusing.
- How can you reuse something in order to lower your energy consumption?
- Discuss with your group.
- Examples:
 - Take a canvas bag to the grocery store that you use over and over again rather than using plastic bags.
 - Take reusable plates to picnics or family gatherings rather than using disposable plates.

Recycle

- The next best thing to reusing is recycling.
- Recycling is a form of reuse that requires changing or reprocessing an item or natural resource.
- Materials that can be recycled include glass, metals, paper, plastics, and yard and kitchen waste.
- How is recycling different than refusing?
Discuss with your group!

Plastics

- Plastic is more difficult to recycle than any other material, because several types of plastic are in use.
- Read *Plastics* on p. 379 and draw a graphic explaining the recycle code system.

Metals, Glass, and Paper

- Read *Metals, Glass, and Paper* on p. 380-381.
- In each section, write down 3 important bullet points. (That means you should have 9 bullet points.)

Compost

- Grass clippings, leaves, and fruit and vegetable scraps that are thrown away in a landfill can remain there for decades without breaking down.
- Those same items can be turned into enriching compost in just a few weeks.



Buy Recycled

- Read *Buy Recycled* on p. 381.

Closure

- <https://www.brainpop.com/technology/scienceandindustry/recycling/>
- Watch the video.
- Get out your white boards.
- Quiz time!