

3rd Grade Science

Unit 2: Pollution & Conservation

Test

Key Vocabulary

renewable resources

resources that can be replaced during a human lifetime

recycle

to break down a product and use its material again

natural resources

materials found in nature that are used by living things (plants, animals, water, air, rocks, metal, oil and salt)

reduce

to use less of a resource

resource

materials found in nature that are used by living things

nonrenewable resource

resources that cannot be replaced in a human lifetimes

pollution

harmful material in the environment

conservation

Saving resources by using them wisely

reuse

to use something again and again

Key Concepts about the Types of Natural Resources

REUSABLE

- Can be used again and again
- Air and water are two types of reusable resources. They are also renewable resources.
- Once water and air are used they can be used again by getting cleaned.
- Water gets cleaned in a water treatment plant after it is used and dirty.
- Dirty air from cars and factories are cleaned by plants, wind, and rain.

RENEWABLE

- Can be replaced during a human lifetime
- Plants, animals, water, air, and some types of energy like the sun are renewable.
- Once trees can be cut-down to make houses, furniture, pencils, and paper, new trees are planted to take place of the ones that were cut.
- Protection of our renewable resources is important so we have clean air and water to use.

NONRENEWABLE

- Cannot be replaced and when it is gone there will be no more
- Gasoline, oil, coal, soil and metal are nonrenewable resources.
- It is important to conserve our nonrenewable resources so we have them for a long time. Once these resources are used up and gone, there will be no more for us to use.

Types of Pollution and How to Reduce It

POLLUTION TYPES

- Land pollution—when people throw trash in the wrong place and litter the environment. It is harmful to plants and animals.
- Air pollution—smoke from factories, cars, trucks, and other sources. This makes it hard for people to breathe.
- Water pollution—air and land pollution get into the water and people dump trash and oil into the water. Another water pollutant are farm chemicals that get into the ground that then flows into the water. This can make humans and animals sick.

REDUCING POLLUTION

- Join a group that helps the environment or raise money to donate to a group that helps the environment
- Organize a group to clean-up litter
- Walk to school in stead of driving,
- Put trash/litter in a garbage can...NOT THE GROUND

REDUCE, REUSE, RECYCLE

- Ways to Reduce: take a shower in stead of a bath, ride a bike instead of using a car
- Ways to Reuse: use old items for another purpose...TRASH TO TREASURE
- Ways to Recycle: take paper, glass, metal, and plastic to a recycle business.
- Planting trees and plants is another way to conserve so we have plenty of oxygen.

Ways to Conserve