



A guide to caring for our Earth

*"Use it up,
wear it out,
make it do,
or do without."*

New England proverb



Earth Day: April 22, 2020



History of Earth Day:

The first Earth Day was held on April 22, 1970 when Senator Gaylord Nelson asked Americans to go outdoors as a way to appreciate and respect the environment. Every year on April 22, we continue the tradition of celebrating Earth Day!

This year marks the 50th anniversary of Earth Day. The theme is Climate Action.

On Earth Day, enjoy the lovely scent of fresh air, clean up some litter, plant a tree, or simply enjoy companionship with nature! Walk through the woods in search of wildflowers and green moss. Go outside, no matter the weather!

Do one thing to show you care!

Terms to understand

Climate change- a change in the average conditions, such as temperature and rainfall, in a region over a long period of time. Earth's surface is warming, and many of the warmest years on record have happened in the past 20 years.

Global warming- The Earth is getting hotter which causes other climate problems, such as the deserts becoming drier and an increase in extreme weather conditions like hurricanes, droughts and wildfires.

Greenhouse effect- When the Earth's atmosphere becomes thick with carbon dioxide and other greenhouse gases which trap the sun's radiation, making the Earth warmer.

Fossil fuels- non-renewable resources such as coal, oil, and gas that we burn for fuel. Burning them creates greenhouse gases such as carbon dioxide and methane that warm up the Earth.

Green energy- Using renewable resources for power, such as sun, wind, and water, will slow down global warming



Match each term with the correct picture example

1- Climate change

2- Global warming

3- Greenhouse effect

4- Fossil fuels

5- Green energy

A-



B-



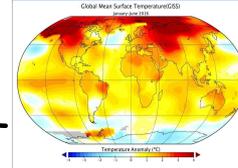
C-



D-



E-



Show what you know

Use a word from the box to fill in the blanks in this story about Earth Day.

Earth Day is celebrated each year on April 22. It was begun by Senator Nelson in 1970 to help Americans appreciate and respect the environment.

For a long time, the surface of the Earth has been warming. We call this _____
_____. In fact, 20 of the warmest years on record have caused long term
_____. What is causing the Earth to heat up?

Every time we burn _____, carbon dioxide and other gases get trapped in the atmosphere, causing what is known as the _____. How can we stop it?

When we depend less on fossil fuels for energy and start using more _____ like solar and wind power, we can slow down the harmful changes to our environment. Is there more we can do?

See next slide...

Climate change

Global warming

Greenhouse effect

Fossil fuels

Green energy

Every day is a good day to practice the 3 Rs

Ways you can help take care of the Earth:



Reduce- bring your own cloth bag to the store with you for your goods, use a refillable water bottle instead of one-time plastic water bottles, use both sides of paper

Reuse- use milk cartons or plastic water bottles to make bird houses and feeders, wear second-hand clothes and hand-me-downs, donate used clothes and toys

Recycle- sort your #1 and #2 plastics and recycle them, set up bins or boxes at home to sort your aluminum cans, steel cans, glass containers, and cardboard...then bring them to the recycling center



Now it's your turn

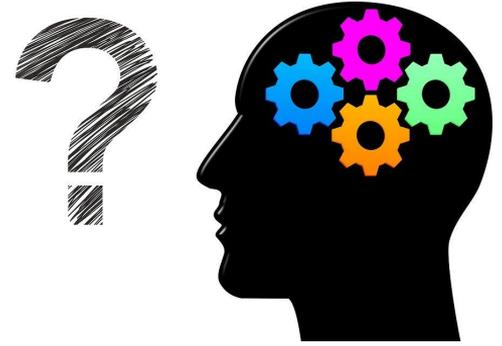
Decide if each description is an example of using the 3 Rs.

1. The students in grade 3 put their used papers in a bin for scrap paper later.
2. Some 4th graders brought plastic water bottles on their field trip to the recycling center and threw them in the trash when they were empty.
3. In the 5th grade class, students collected used clothes for a local homeless shelter.
4. Some teachers started a class contest to see which class used the least amount of paper in a week.
5. The principals had a meeting and decided to serve school lunches on throw-out trays.

How did you do? Numbers 1, 3, and 4 are examples of using the 3 Rs.



How much do you know about the Earth
Click on a link below to take a quiz:



[Protect Our Species Quiz](#)

[Earth Day Quiz](#)

<https://www.proprofs.com/quiz-school/story.php?title=earth-day-quiz-2010>

<https://kids.nationalgeographic.com/games/quizzes/earth-day-quiz-whiz/>

Remember to go outside and enjoy the Earth
and all its treasures on April 22!

Reference Sources

<https://www.almanac.com/content/earth-day-date-activities-history>

<https://kidskonnnect.com/science/global-warming/>

Patricia Anderson, Education Specialist
Wyandot County SWMD and Recycling Center
panderson.wyswd@gmail.com