



**High School
Earth & Space Science
Resources
Week 5**

May 4-8, 2020

EARTH AND SPACE SCIENCE – RENEWABLE VS. NON-RENEWABLE ENERGY

4 Watch suggested energy videos *Introduce vocabulary words	5 Look around your house and identify 5 ways we use energy in our everyday lives Review vocabulary words	6 Complete the worksheet renewable vs. non-renewable energy Review vocabulary words	7 Conserve energy – List 3 things you can do to conserve energy everyday Use vocabulary words to write/dictate a sentence	8 Call a friend or family member to tell them about conserving energy. Research and report on the pros and cons of renewable and non-renewable energy Review vocabulary words Question/concerns/Suggestions please email Emily.mcspadden@knoxschools.org
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Activities: The following activities should be used as supplemental activities to engage in exploration of the different forms of energy. Energy is all around us in nature. Energy that will never run out is known as renewable energy (wind, geothermal, solar, water). Other sources of energy are available in limited amounts and will not regenerate, so they make non-renewable energy. Non-renewable energy is energy from a source that will run out (coal, natural gas, oil, propane, uranium).

Vocabulary Words:

Renewable Energy - sources of energy that will never run out (wind, geothermal, biomass, solar, water)

Non-Renewable Energy – sources of energy that WILL run out (coal, natural gas, oil, propane, fossil fuels)

Conserve - protecting resources by not wasting them

Natural Resources Mix and Match

Renewable	Non-renewable

Air

Wind

Coal

Natural Gas

Oil

Geothermal

Water

Solar

Conserving Energy

To conserve means to not waste. By conserving energy we are protecting our environment. Turning off devices we are not using, unplugging unused appliances, riding our bikes, or walking to the store are all ways to conserve energy. List 3 ways that you can conserve everyday.

1.

2.

3.

Positive and Negative Energy Types

Name at least 1 positive and 1 negative for each type of energy

Renewable Energy		Non-renewable Energy	
Positive	Negative	Positive	Negative

Youtube:

National Geographic Renewable Energy 101

Renewed Energy Song - ParrMr

Renewable Energy Song/Songs About Energy ABC13Houston