

ENERGY SOURCES

ENERGY AND FUELS THAT HUMANS USE ARE DERIVED FROM NATURAL RESOURCES, AND THEIR USE AFFECTS THE ENVIRONMENT IN MULTIPLE WAYS. SOME RESOURCES ARE RENEWABLE OVER TIME, AND OTHERS ARE NOT.

WHAT IS ENERGY?

Youtube: Invisible Energy

- <https://www.youtube.com/watch?v=4HdxQhBRDUI>

Google Document:

- https://docs.google.com/presentation/d/IIIorQqW7bGylk7IohfXvCqdFIohQdLOVvqIGfh-Fsr0/edit#slide=id.g9c64c55774_0_61

WHAT DID YOU NOTICE!?

What did you notice in the video?

- I liked the song!
- Cool dance moves
- My friends are funny

What else did you notice?

- Where energy comes from
- Types of energy
- Energy is EVERYWHERE!

VOCABULARY

Renewable Resource	Resource that cannot be used up or can be replaced. Example: Air, water, soil, plants, and animals
Nonrenewable Resource	Resources that cannot be replaced after they are used. Examples: Rock, minerals, metals
Advantage	Something that benefits someone. Example: Speed is an advantage in sports.
Disadvantage	Something that causes a situation that is not favorable. Example: One disadvantage of this car is its small size.
Energy	The ability to make something move or change in some way. Example: Heat, light, motion, electrical, chemical, nuclear, and gravity.
Natural Resource	Something that is found in nature can be used by people. Example: Light, air, water, plants, animals, soils, stone, minerals, fossil fuels.
Fossil Fuels	Fuels that come from old life forms that decomposed over a long period of time. Example: Coal, Petroleum, and gas.

WHAT TO DO:

- Research an energy resource. That could be wind, solar, heat, electrical, and water.
- Create a presentation on google slides for your energy resource.
- Include these points:
 - Where it comes from
 - How it works
 - Advantages
 - Disadvantages
 - Pictures
 - Key words
 - Vocabulary

SOLAR ENERGY!





**WIND
ENERGY!**

WATER ENERGY!





**ELECTRICAL
ENERGY!**



HEAT ENERGY!



RESOURCES:

- YouTube
- Internet
- Library
- Peers
- Teachers

Department of Energy: Geothermal Energy

- <https://www.youtube.com/watch?v=mCRDf7QxjDk&feature=youtu.be&list=PLACD8E92715335CB2>