

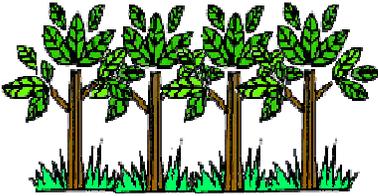
## Energy

The main source of most heat and light energy on Earth is the sun.

We can use the sun's natural energy in many ways.

Energy allows us to do work.

## Natural Resources



Natural resources = comes from nature.

We will learn about these **five** natural energy sources:

- \*solar
- \*wind
- \*water
- \*energy we get from trees
- \*fossil fuels

## Solar Energy



Energy from the sun is called solar energy.

**Solar energy** is best used in places that receives a lot of sun.

The energy is stored in solar panels.

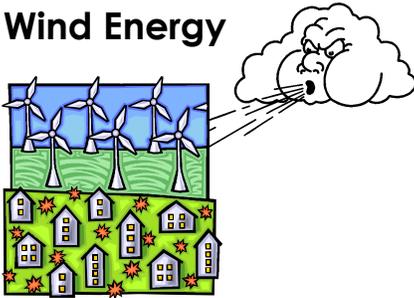


Solar energy, from the sun, heats water.

**The sun is called a natural resource.**

**The SUN is the most important source of energy!!!**

## Wind Energy



**Wind** is a natural resource.

**Wind** can be used to create (make) electricity.

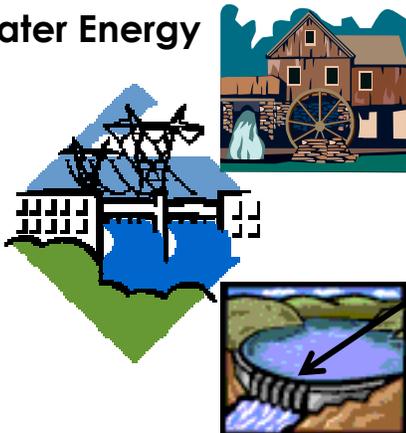


**Wind** is used to create energy.

**Wind energy** can only be used in windy places like on mountains.



## Water Energy



**Water** is a natural resource.

**Water** is also used to make electricity.



**Water power** is also called hydroelectric power.

Dams use moving water to make electricity where there are large bodies of water (lakes, rivers).

## Wood from Trees

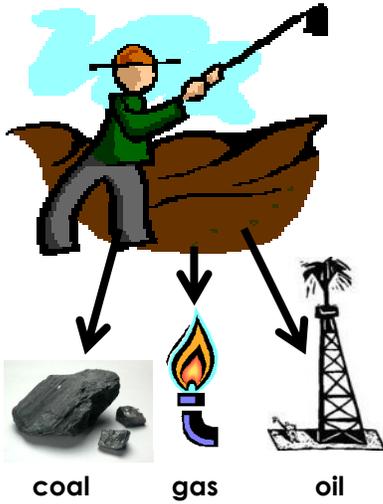


Wood is a natural resource.

We get wood from trees.

We burn wood to get fuel for energy.

## Fossil Fuels



Fossil fuels are natural resources.

We find fossil fuels **UNDER** the ground.

Fossil fuels are made by the remains of plants and animals that have lived and died a long time ago.

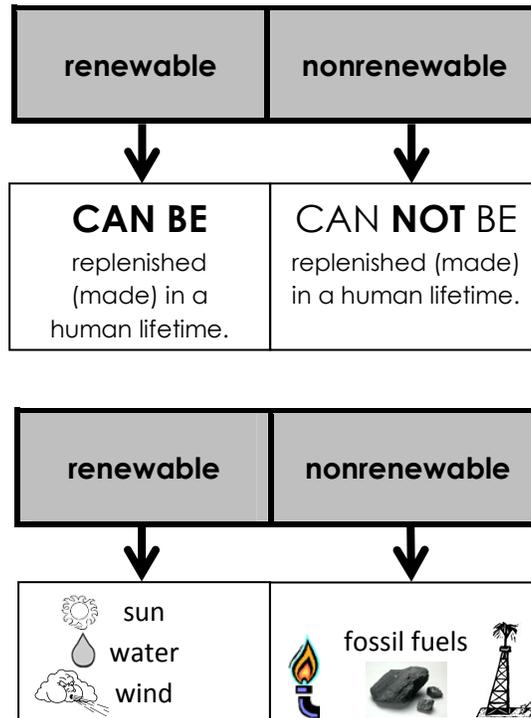
Over time, the dead plants and animals change into energy-rich fuel called fossil fuels.

### Fossil fuels:

- \* Coal 
- \* Petroleum (oil) 
- \* Natural gas 

\*Natural resources are placed into **two different categories**.

## Renewable and Nonrenewable Resources



## Conservation

Our job is to conserve our **nonrenewable resources** because it takes a long time to remake it.

We need to use them wisely and not waste them.

It is important to note waste renewable resources, too!