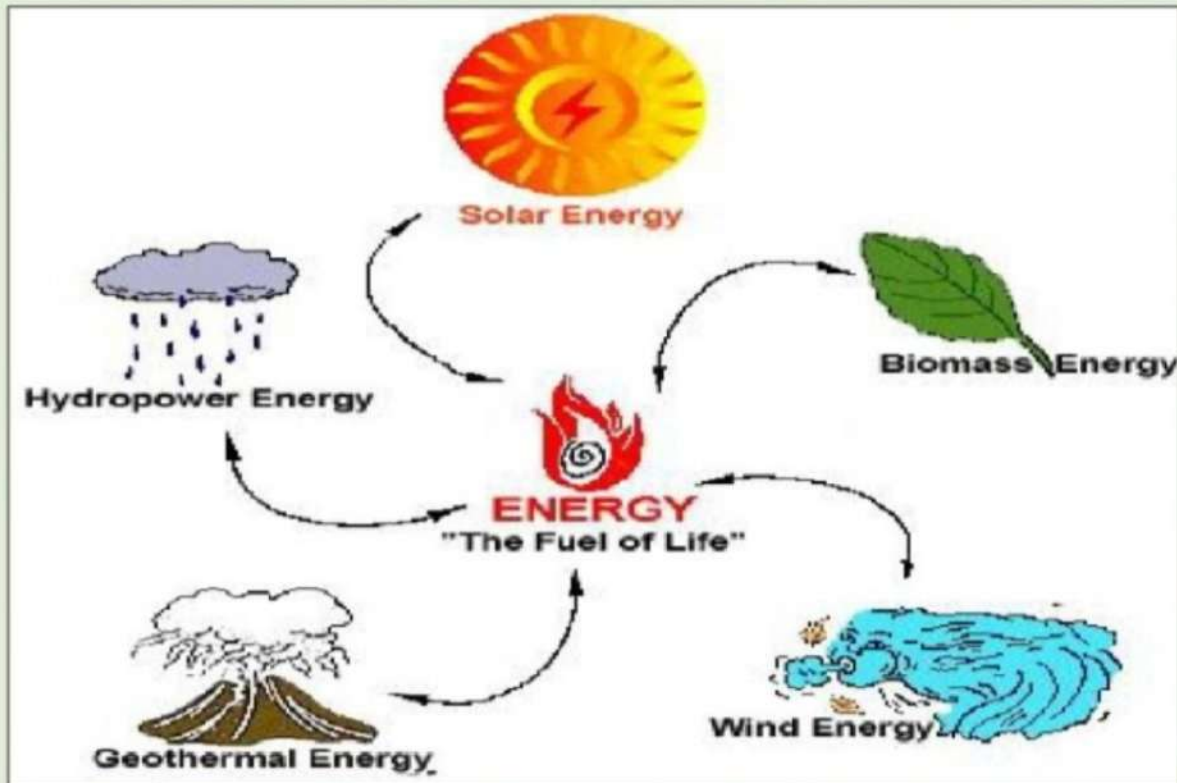


RENEWABLE RESOURCES

Something that is found in nature that can be replaced quickly

- ❖ Renewable resources can be living or non-livings.
- ❖ Example: Wind, Water, Sunlight, Plants and Animals



WATCH VIDEO ABOUT RENEWABLE RESOURCES

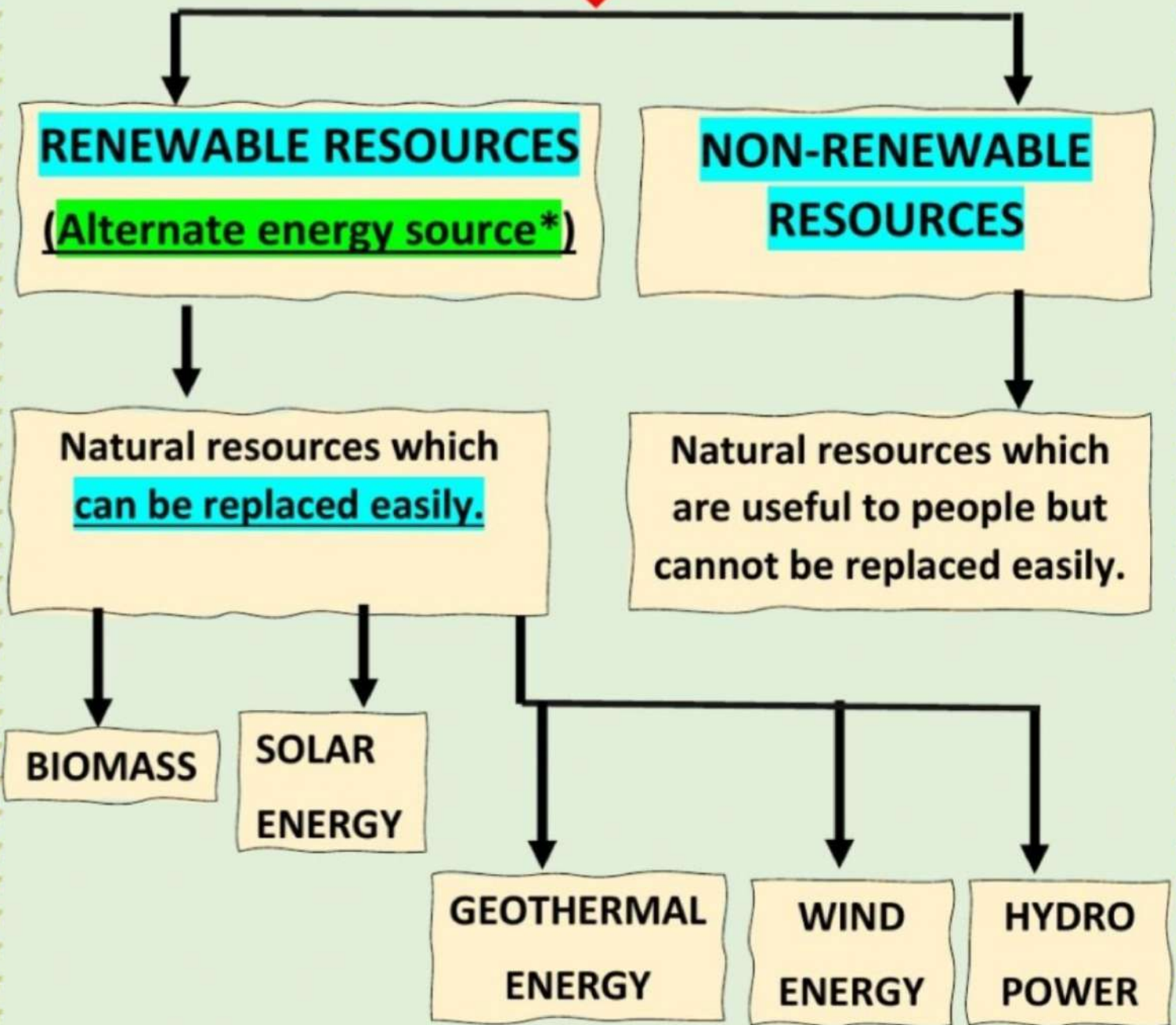
Renewable Energy Sources (Learning Videos For Kids)

Renewable Energies

Watch on YouTube

Copy link

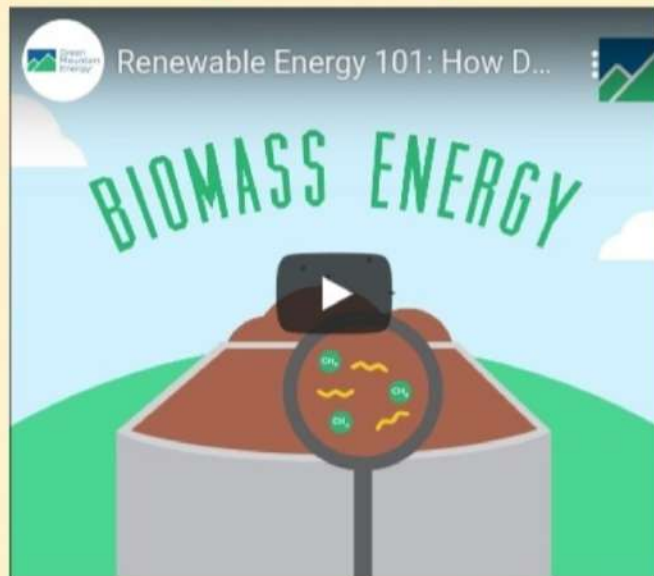
TYPES OF NATURAL RESOURCES



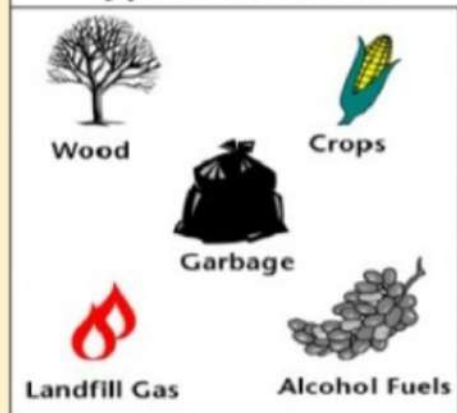
RENEWABLE RESOURCES

BIOMASS

- ❖ Wood, crops, and animal waste are part of biomass.
- ❖ Burning biomass transforms the stored energy into thermal energy.



Types of Biomass



SOLAR ENERGY

- ❖ Energy that comes from the sun is called solar energy.
- ❖ Solar power is the power obtained from solar energy to generate electricity using solar cells.



GEOHERMAL ENERGY



- ❖ Energy that comes from earth's interior is called geothermal energy.
- ❖ In some places, water that lies deep inside earth is heated.
- ❖ This hot water pool (Geyser) is used to produce electricity.



WIND ENERGY



- ❖ Energy that comes from the wind is called wind energy.
- ❖ Windmills harness the motion of the wind to generate electricity.
- ❖ Mountaintops, shorelines, open plains, and valleys are good places for windmills.



HYDROPOWER

- ❖ Energy that comes from the moving water is called hydropower.
- ❖ Electricity produced by waterpower is called **Hydroelectricity**



IMPORTANT QUESTIONS:

1. Geothermal energy is obtained and used by harnessing the heat from _____ earth surface.

2. Electricity produced from flowing water is called

3. _____ is a useful material that is replaced quickly in the nature.

4. A device that produces electricity from sunlight is

5. A hydroelectric plant uses alternative energy sources, such as _____ to generate electricity.

6. Which type of energy would best be used in an area with a lot of hot springs?

7. Wind energy, water energy, and solar power are all examples of _____ energy solutions.

8. Which is not a source of renewable energy?

9. Wind energy, harnessed by windmills, is one type of _____ energy source.

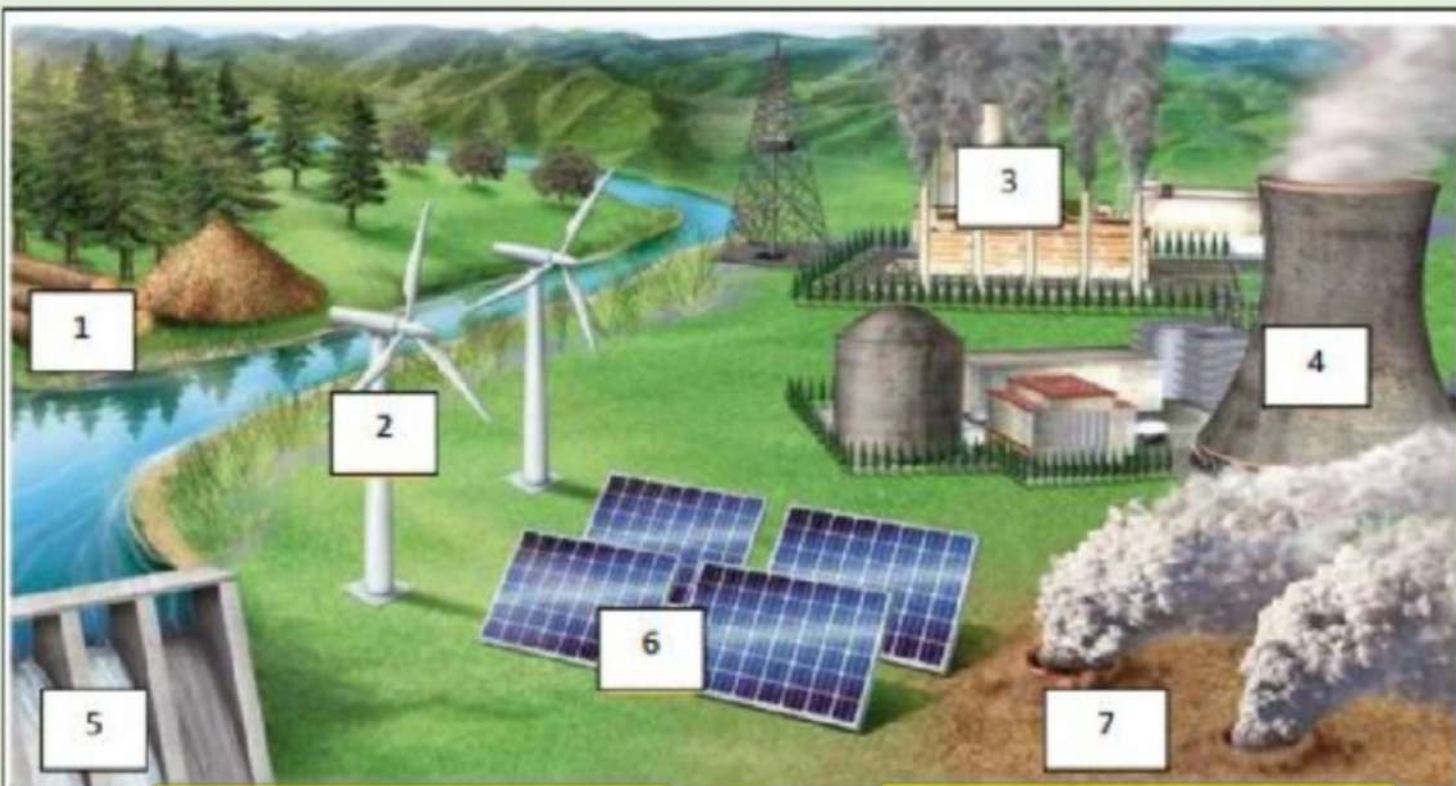
10. Because it can be replaced quickly in nature, water is considered a(n)

11. Which method is used to change plant and animal materials into usable fuel?

MATCH THE FOLLOWING

| | |
|---|-------------------------|
| Energy that can be replaced easily. | BIOFUEL |
| Energy obtained from the sun | RENEWABLE RESOURCES |
| Energy obtained from the moving water | SOLAR ENERGY |
| Energy obtained from the wood, crop, and animal waste | NON-RENEWABLE RESOURCES |
| Energy that cannot be replaced easily. | HYDROPOWER |

SELECT THE CORRECT ANSWER



1.

2.

3.

4.

5.

6.

7.

LET'S REVIEW



Wordwall