

Our Planet's Power: Renewable Energy for Kids

Renewable Energy · Answer Key · 18 Questions

1. What is renewable energy?

- A) Energy that can be used up and never comes back.
- B) Energy that comes from sources that can be naturally replenished.**
- C) Energy that is very expensive to make.
- D) Energy that is harmful to the environment.

2. Which of these is a renewable energy source?

- A) Coal
- B) Oil
- C) Sunlight**
- D) Natural Gas

3. What is solar energy?

- A) Energy from the wind.
- B) Energy from the ocean waves.
- C) Energy from the heat of the Earth.
- D) Energy from the sun.**

4. Wind turbines are used to capture energy from:

- A) Rain
- B) Snow
- C) Wind**
- D) Clouds

5. Which of these is a source of hydropower?

- A) A very fast car
- B) A moving river**
- C) A tall mountain
- D) A sleeping cat

6. Geothermal energy comes from:

- A) The moon's light
- B) The heat inside the Earth**
- C) Falling leaves
- D) A loud noise

7. Why is it good to use renewable energy?

- A) It makes the air dirty.
- B) It helps protect our planet by producing less pollution.**
- C) It uses up all the Earth's resources.
- D) It is very loud.

8. Biomass energy comes from:

- A) Rocks
- B) Metal
- C) Plants and animal waste**
- D) Plastic

9. What do we call energy that comes from burning wood?

- A) Solar energy
- B) Wind energy
- C) Geothermal energy
- D) Biomass energy**

10. Which of these is NOT a renewable energy source?

- A) Sunlight
- B) Coal**
- C) Wind
- D) Water

11. What is a large structure with blades that spins to make electricity from wind called?

- A) Solar panel
- B) Dam
- C) Wind turbine**
- D) Geyser

12. Ocean waves can be used to create:

- A) Sound energy
- B) Ocean energy
- C) Tidal energy**
- D) Thermal energy

13. Renewable energy sources are often called 'clean' energy because they:

- A) Are always very cold.
- B) Do not produce much pollution.**
- C) Are always found underground.
- D) Can only be used at night.

14. What is a device that captures sunlight to make electricity called?

- A) Windmill
- B) Solar panel**
- C) Water wheel
- D) Steam engine

15. Tidal energy uses the power of:

- A) Ocean currents
- B) Ocean tides**
- C) Ocean heat
- D) Ocean plants

16. When we use renewable energy, we are helping to save:

- A) Fossil fuels
- B) Our planet's natural resources**
- C) More pollution
- D) Expensive electricity

17. Hydropower is a type of energy generated from:

- A) Burning gas
- B) Moving water**
- C) Hot rocks
- D) Sunlight

18. Which renewable energy source uses the heat from deep inside the Earth?

- A) Solar
- B) Wind
- C) Geothermal**
- D) Biomass