

Name _____

Earth Day Word Search

Renewable Energy Clue Based Word Search Answer Key

Directions: Find the words in the puzzle based on clues below.

R N K N U M E T Z I Q Q Z I K A V X U R
F X U H Z H V J Z G I S V Y B L S Y X L
O G G E N R K I O S B S V K Z T T D O M
Q U U T Z G Y U A H Z H X A J C Y R P T
I X N U G E E Q W L Z H R P K L U U M M
E O W J B P L O E R L H A C D J G P D Z
N O J B J B A I T R M O P I M E L R E L
N M F V A Y L D Y H F N G D W Q E E U Y
Y V M N T I A G T R E D W Z O W V N X S
F V C R U U S N L Q F R C U O I U E L S
J S Y O N F R W P R X E M P T L Y W S B
I V O E K H V B I A I U O A Y Z F A K K
W H F G M H I K I N X R N K L A M B R C
N X X G V R F Q B N D R Y B S O N L Z K
A Y Z O I V F V Q Y E G Z E I M T E Z K
R T J P S N L W H T R S R B E O F U U G
M S N X I L X V L E S A W W S H X B I X
F F K H I X P A N E L S G X P B H K T Q
L A J M L Z W E R O Y T X R T W U D Z Q
V R Z O K Z D V S H Z S K Q L Y G L R X

1. Solar - A technology that captures the sun's radiation to generate power through photovoltaic cells or thermal systems.
2. Wind - The process of harnessing moving air through large blades to produce mechanical power that is then converted into electricity.
3. Geothermal - The utilization of heat stored beneath the Earth's surface to generate electricity or provide direct heating for buildings.
4. Hydropower - A method of generating electricity by using the movement of water, typically through dams or flowing rivers, to drive turbines.
5. Biomass - Organic materials, such as wood, agricultural waste, or algae, that are converted into fuel to produce power or heat.
6. Panels - Flat structures designed to capture sunlight and convert it into electricity, typically made of semiconductors.
7. Turbine - A mechanical device that uses fluid motion (such as wind, water, or steam) to rotate blades connected to a generator, producing electricity.
8. Renewable - Resources that naturally replenish over time and can be sustainably used to generate power without depleting the Earth's reserves.
9. Alternative - Energy sources that offer a sustainable substitute to traditional fossil fuels, often focused on reducing environmental impact.
10. Energy - The capacity to perform work, which can be harnessed from various natural sources like sunlight, wind, or water to power systems and devices.

