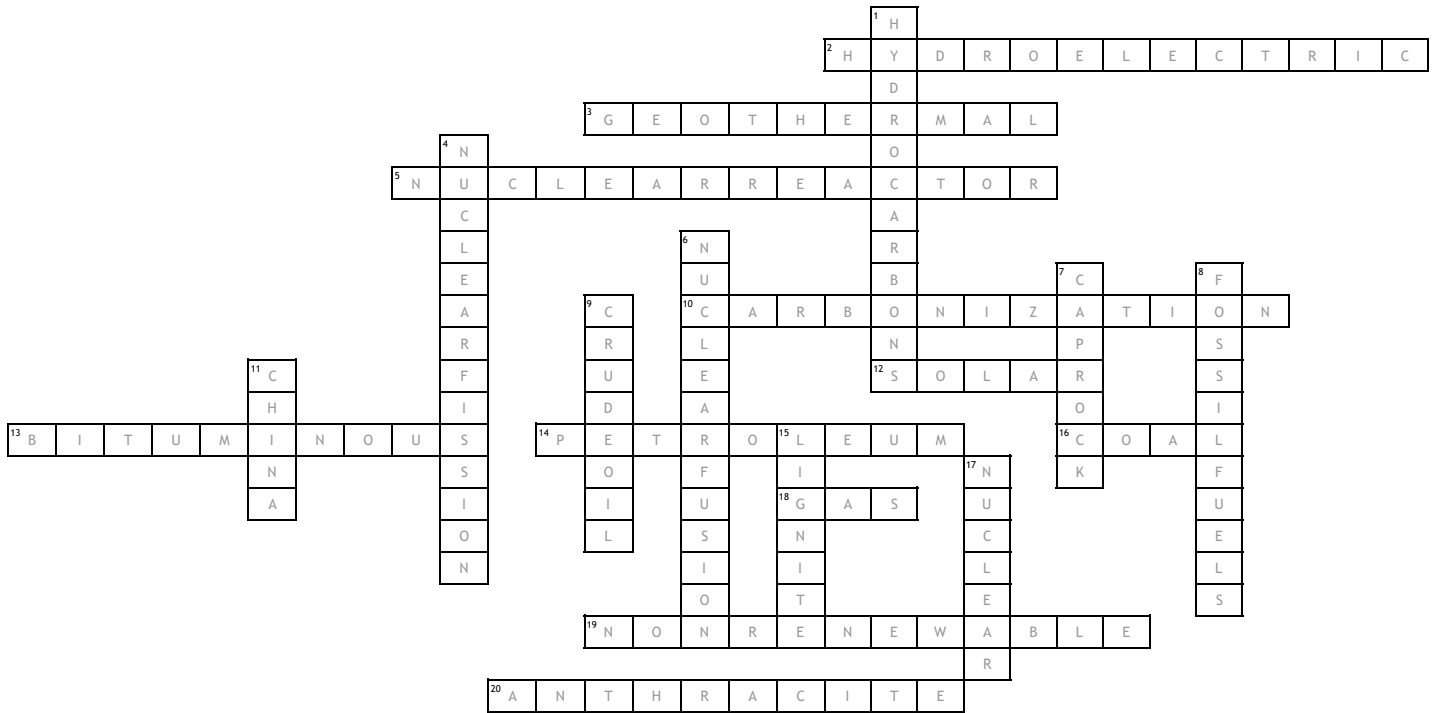


# ENERGY SOURCES



**Across**

- Energy source that uses moving water to spin the turbine directly
- Energy source that uses the heat below the Earth's surface to produce steam to spin a turbine.
- Equipment in which controlled nuclear fission is carried out
- Coal deposits are the remains of plants that have undergone a complex chemical process called
- Energy source that uses the heat or light energy from the Sun to form electricity.
- Coal that contains 80% carbon
- Liquid fossil fuel (non-renewable) used for energy.
- The most abundant fossil fuel in the world
- The form of natural gas
- Resources that forms at a rate much slower than which it is consumed
- Type of coal with the most carbon

**Down**

- Compounds made from carbon and hydrogen atoms
- The nucleus of an atom splits during
- During \_\_\_\_\_, the two nuclei combine
- Impermeable rock that occurs at the top of an oil reservoir is called
- Main source of electricity currently used throughout the world?
- unrefined petroleum
- Country where two-thirds of the world's coal is found
- As peat is covered by layers of sediments, the weight squeezes out water and gases, forming a denser material called
- Non-renewable energy source created by splitting uranium to produce heat.

**Word Bank**

- |              |                 |                |                 |
|--------------|-----------------|----------------|-----------------|
| Bituminous   | Carbonization   | Geothermal     | coal            |
| Caprock      | nuclear reactor | Hydroelectric  | nuclear fission |
| hydrocarbons | Gas             | nuclear fusion | Anthracite      |
| nonrenewable | Fossil fuels    | China          | Lignite         |
| petroleum    | Nuclear         | crude oil      | Solar           |