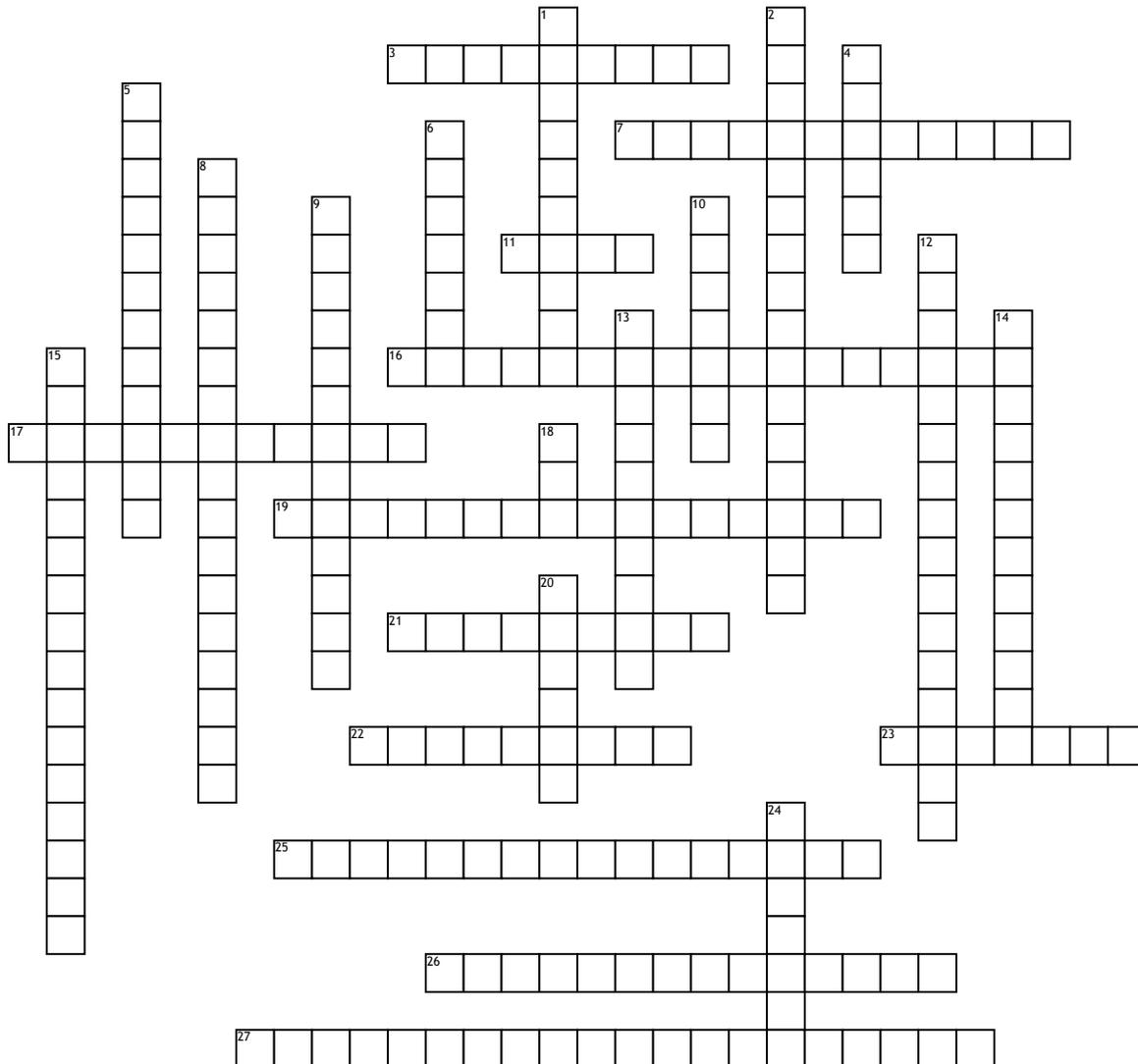


Energy Vocab



Across

3. An oily, dark-colored, flammable liquid found in the earth, consisting mainly of a mixture of various hydrocarbons. Gasoline, kerosene, fuel oil, paraffin, and lubricants are made from petroleum.
7. the use of controlled nuclear reactions to produce steam, which in turn drives turbines to produce electricity
11. A solid fossil fuel
16. energy derived from sources that are not fossil fuels
17. Coal, oil, natural gas, and other fuels that are ancient remains of plants and animals.
19. a solar energy cell, usually made from silicon, that collects solar rays to generate electricity
21. A material found in air, water, or soil that is harmful to humans or other organisms
22. The use of a windmill to drive an electric generator
23. The splitting of an atomic nucleus to release energy.

25. Largest number of individuals of a population that a environment can support

26. a device that safely starts and controls a fission chain reaction

27. A source of energy that is a finite supply capable of being exhausted.

Down

1. energy from the sun that is converted into thermal or electrical energy
2. Natural situation in which heat is retained in Earth's atmosphere by carbon dioxide, methane, water vapor, and other gases
4. one of the most important elements to life, it can form 4 covalent bonds with other atoms and is the most common element in most large molecules found in living things
5. radioactive by-products from nuclear power generation, nuclear medicine, and so on.
6. Fuels, such as wood, ethanol or methanol, that are created from the fermentation of plants or from straight plant products.

8. Any source of energy that can be continually produced and is inexhaustible given current conditions.

9. A change in the world's climate

10. A machine for producing power in which a wheel or rotor is made to revolve by a fast-moving flow of water, steam, gas, or air.

12. Electricity generated by flowing water

13. A fossil fuel in the gaseous state

14. Compounds composed of only carbon and hydrogen

15. A form of power obtained from steam or hot water coming from within the earth's interior

18. A liquid fossil fuel

20. Creation of energy by joining the nuclei of two hydrogen atoms to form helium.

24. The capture of energy from the burning of organic matter and organic waste (aka, burning biofuel)