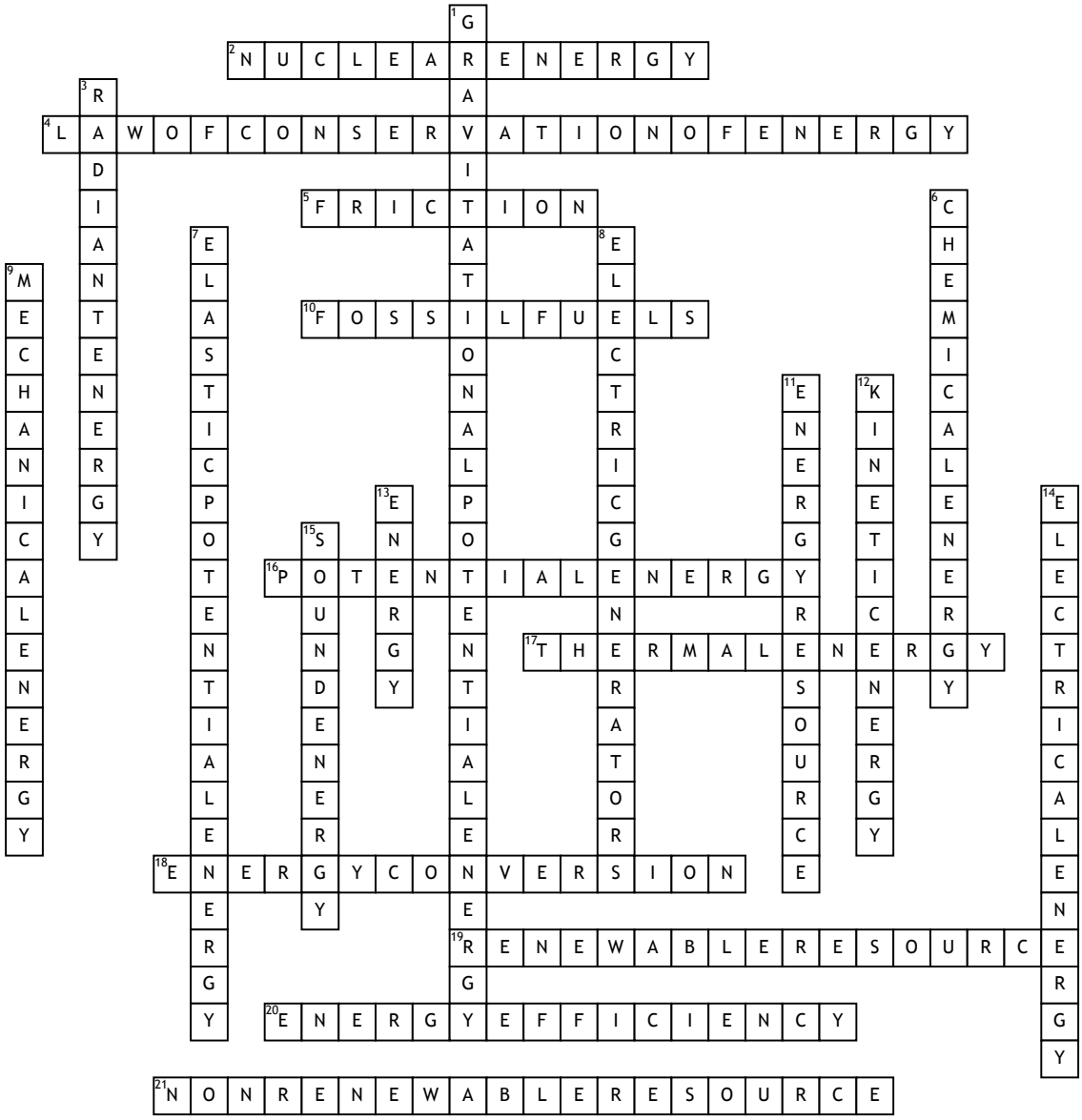
Name: _____ Date: _____

Energy vocab



Across

2. the energy released by a fission or fusion reaction; the binding energy of the atomic nucleus

4. the law that states that energy cannot be created or destroyed but can be changed from one form to another

5. a force that opposes motion between two surfaces that are in contact

10. a nonrenewable energy resource formed from the remains of organisms that lived long ago

16. the energy that an object has because of the position, shape, or condition of the object

17. the kinetic energy of a substance's atoms

18. A change from one form of energy to another

19. a natural resource that can be replaced at the same rate at which the resource is consumed

20. the percentage of energy put into a system that does useful work

21. a resource that forms at a rate that is much slower than the rate at which the resource is consumed

Down

1. the potential energy stored in the gravitational fields of interacting bodies

3. Energy that travels by waves or particles, particularly by heat, or x-rays

6. the energy released when a chemical compound reacts to produce new compounds

7. the energy available for use when an elastic body returns to its original configuration

8. A device that converts mechanical energy into electrical energy

9. the amount of work an object can do because of the object's kinetic and potential energies

11. Something that can produce heat, power life, move objects, or produce electricity

12. the energy of an object that is due to the object's motion

13. the capacity to do work

14. the energy that is associated with charged particles because of their position

15. a form of energy associated with the vibration of matter