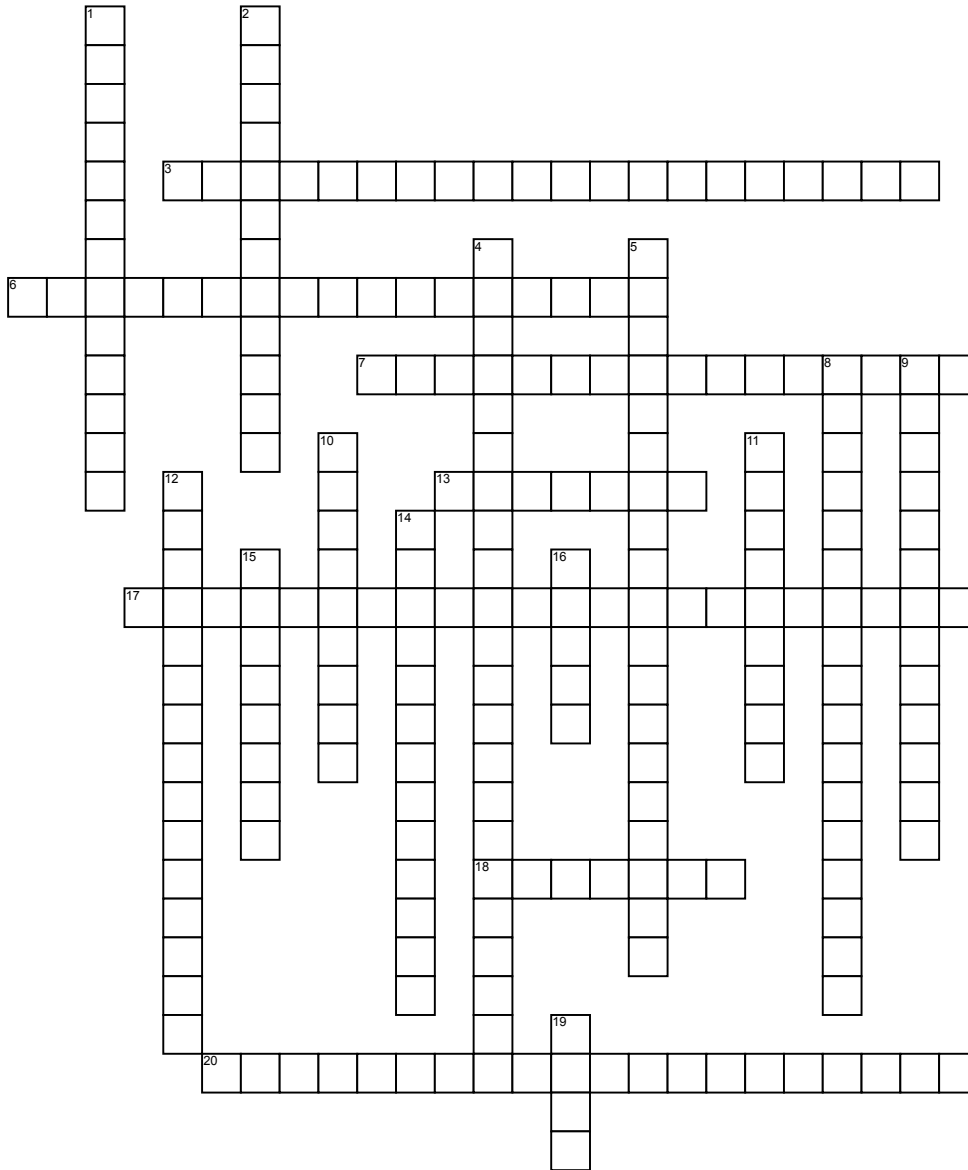


Energy transformation



Across

- 3.** the change of energy from one form to another
- 6.** what energy transformation takes place when something burns?
- 7.** water flowing over a waterwheel causes the waterwheel to move. this is a example of _____
- 13.** _____ energy = motion
- 17.** when a turbine rotates to produce electricity, what energy transformation takes place
- 18.** what type of energy is produced and wasted during most energy transformation?

20. A boy was eating breakfast and ran to school. What energy transformation is this?

Down

- 1.** when a rubber band is stretched
- 2.** What law states energy can't be destroyed?
- 4.** you notice after you walk across a room, you feel a spark when you touch the doorknob. what energy transformation must have taken place?
- 5.** what energy transformation happens in a toaster?

- 8.** turning on the light is what type of energy transformation
- 9.** form of energy involved in weighing fruit on a spring energy
- 10.** a roller coaster at the top of a hill is a example of _____
- 11.** An example of static electricity being released
- 12.** in what state is chemical energy always in?
- 14.** Potential energy that's stored in the nucleus of an atom
- 15.** firework is a example of _____
- 16.** energy in a vibrating matter
- 19.** energy has the ability to do--