

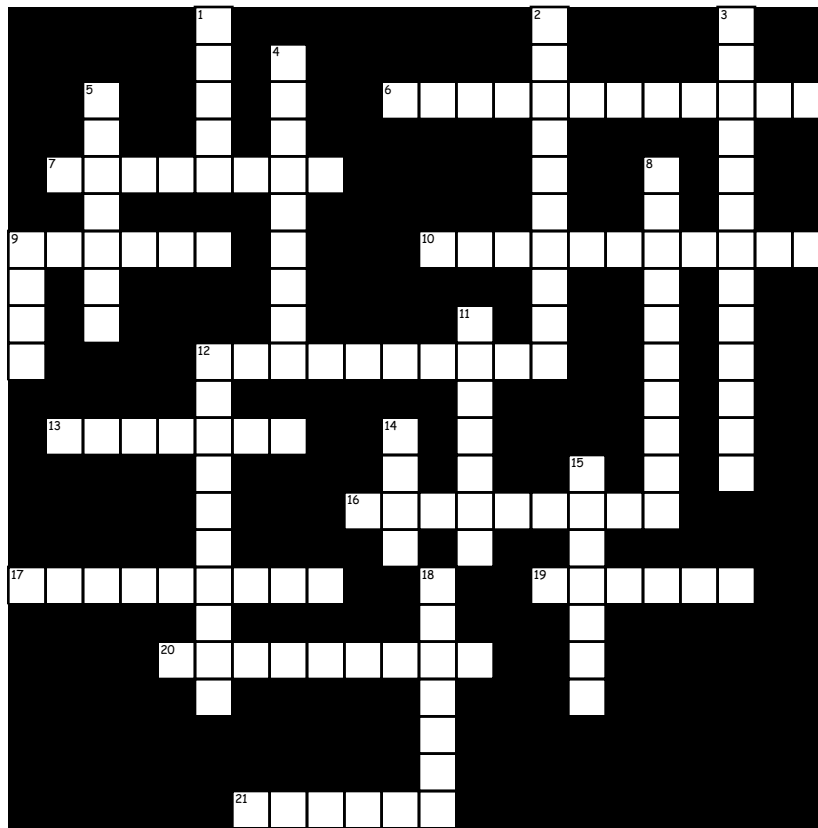
Energetic Connections

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These are vocabulary words you will need to know for your Unit Test.

Word Bank

Potential, Heat Energy, Elastic, Spring Scale, Heat transfer, Magnetic, Kinetic, Force, Motion, Balance, Conduction, Radiation, Convection, Gram, Mass, Gravity, Conduction, Radiation, Convection, Potential, Kinetic, Energy, Weight



- Across
- 6 A tool used to measure weight or force of an object.
 - 7 _____ potential energy is determined by the strength of the "field" and distance between these materials.
 - 9 Changing of position
 - 10 _____ always flows from warm to cold.
 - 12 Putting your tongue on a flag pole is an example of _____.
 - 13 Tool used to find the mass of an object.
 - 16 Heat that travels through air as electromagnetic waves.
 - 17 The maximum _____ energy occurs at the top of the biggest hill on a roller coaster.
 - 19 The force of gravity acting on an object.
 - 20 _____ energy is stored or energy of position.
 - 21 The ability to do work or cause change.

- Down
- 1 A push or a pull.
 - 2 Transfer of energy through the motion and touch of molecules from one object to another.
 - 3 The transfer of energy from high energy (hot) to low energy (cold).
 - 4 Warming your hands by a bonfire is an example of this type of heat transfer.
 - 5 An example of _____ potential energy would be the planes we played with in class.
 - 8 Wind and an oven that circulates heat by way of a fan are examples of this type of heat transfer.
 - 9 The amount of matter in an object.
 - 11 A ball rolling down the ramp is an example of _____ energy.
 - 12 Heat energy moving from one place to another due to the motion of warm and cold fluids.
 - 14 The unit we use to measure mass.
 - 15 _____ energy is that of motion.
 - 18 The force that gives us weight on Earth.