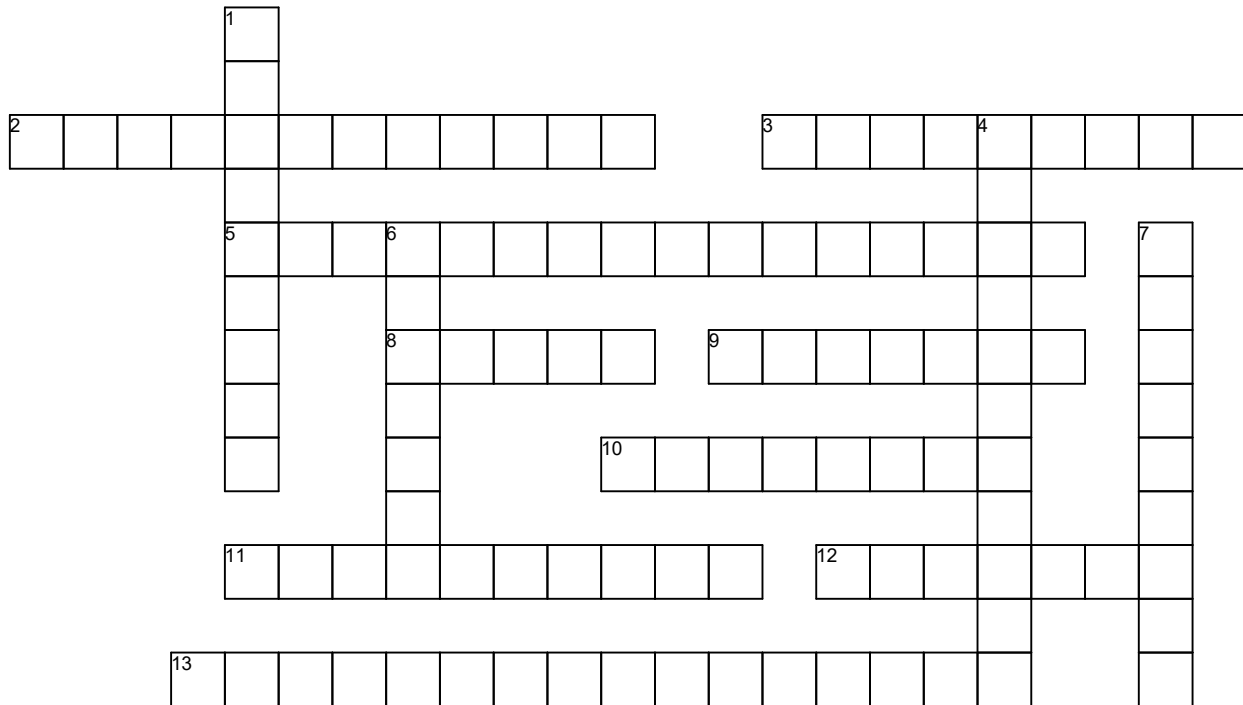


4th Grade Science Vocabulary Crossword Puzzle 1

1. Using the Across and Down clues, write the correct words in the numbered grid below.



ACROSS

2. Where the energy starts.
3. A material that does not allow electricity to pass through it easily.
5. Energy related to forces on electrically charged particles and the movement of electrically charged particles.
8. To go against.
9. An attracting force between any two objects with mass.
10. A contact force acting against motion that slows objects down.
11. A form of energy that is transferred by a difference in temperature.
12. To pull closer.
13. The sum of potential energy and kinetic energy.

DOWN

1. The force that causes magnets to pull on objects.
4. A kind of kinetic energy with the ability to make types of light visible to human eyes.
6. A route that starts and finishes in the same place.
7. A material that allows electricity to pass through it easily.

energy source
light energy
electrical energy
repel

conductor
mechanical energy
circuit

friction
attract
heat energy

gravity
insulator
magnetism