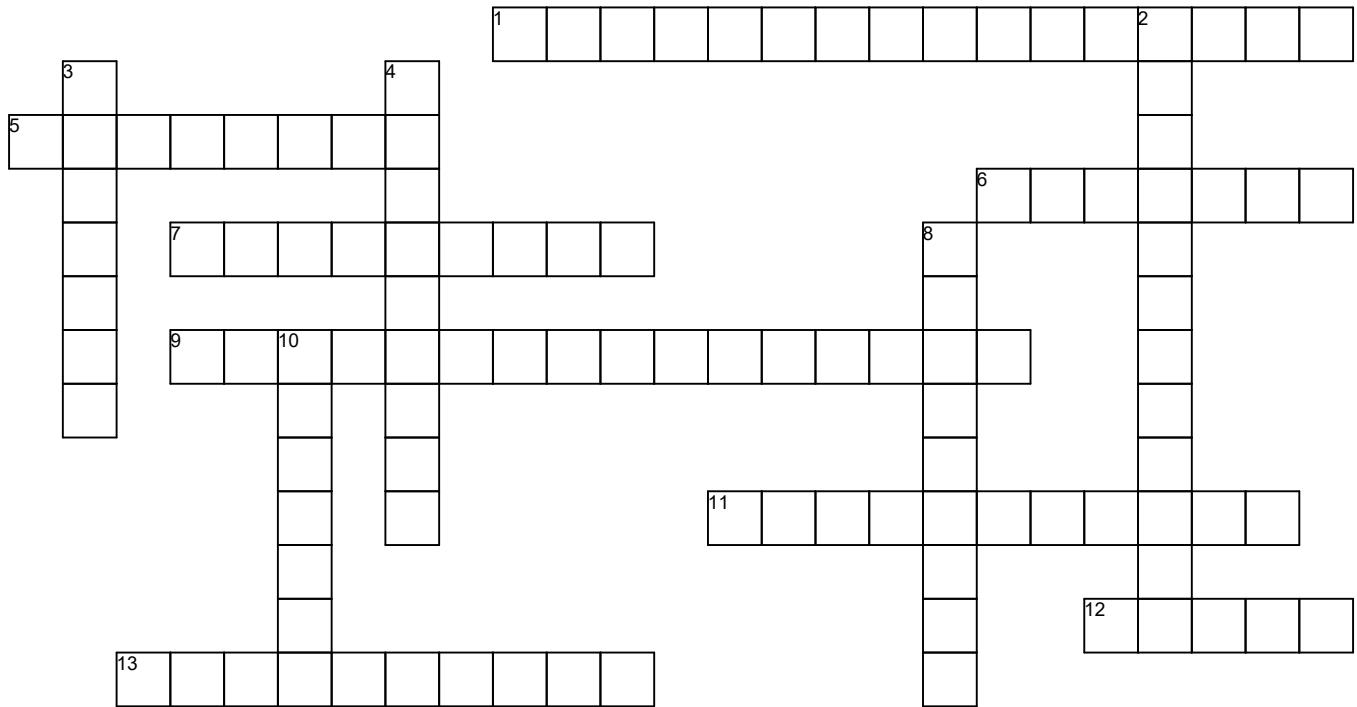


4th Grade Science Vocabulary Crossword Puzzle 11

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



ACROSS

1. Energy related to forces on electrically charged particles and the movement of electrically charged particles.
5. A contact force acting against motion that slows objects down.
6. To pull closer.
7. A material that allows electricity to pass through it easily.
9. The sum of potential energy and kinetic energy.
11. A kind of kinetic energy with the ability to make types of light visible to human eyes.
12. To go against.
13. A form of energy that is transferred by a difference in temperature.

DOWN

2. Where the energy starts.
3. An attracting force between any two objects with mass.
4. A material that does not allow electricity to pass through it easily.
8. The force that causes magnets to pull on objects.
10. A route that starts and finishes in the same place.

gravity

heat energy

magnetism

conductor

attract

electrical energy

insulator

energy source

circuit

mechanical energy

friction

light energy

repel