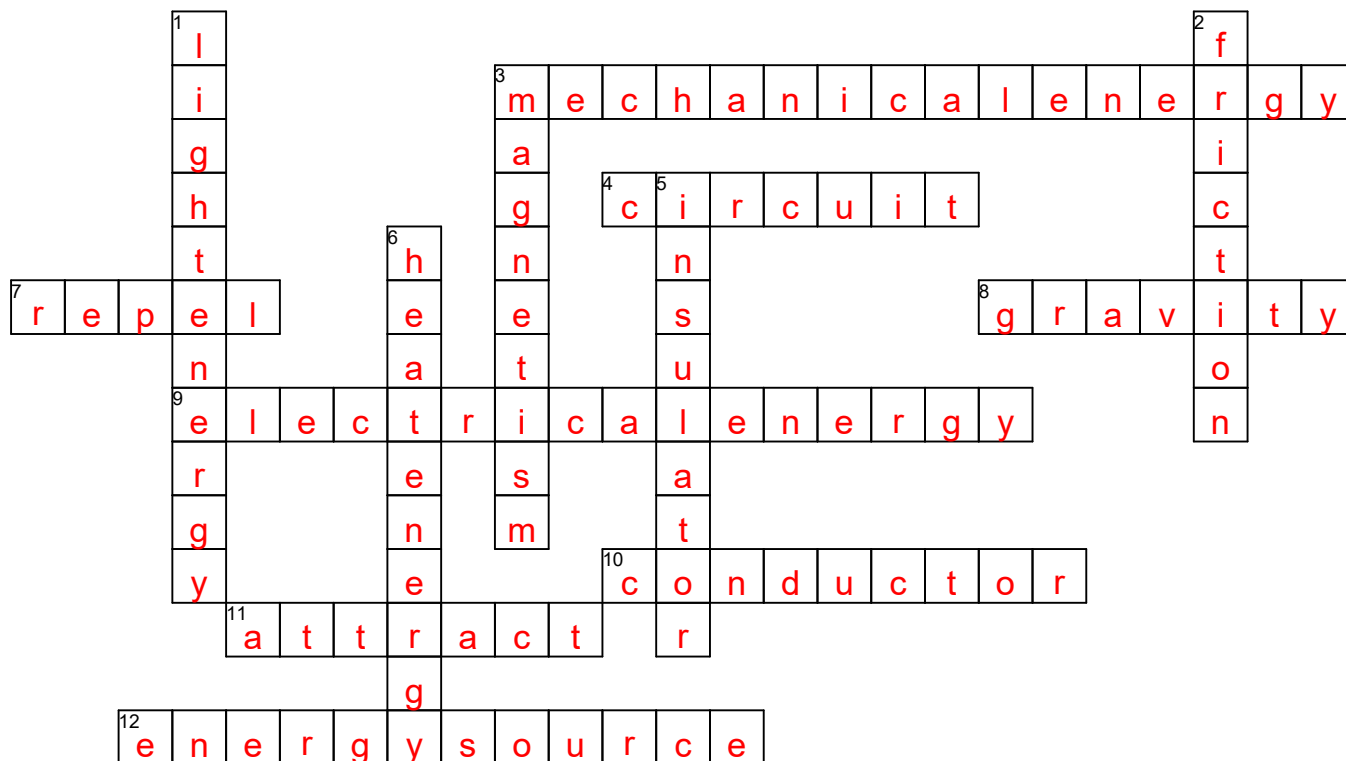


# 4th Grade Science Vocabulary Crossword Puzzle 6

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



## ACROSS

3. The sum of potential energy and kinetic energy.
4. A route that starts and finishes in the same place.
7. To go against.
8. An attracting force between any two objects with mass.
9. Energy related to forces on electrically charged particles and the movement of electrically charged particles.
10. A material that allows electricity to pass through it easily.
11. To pull closer.
12. Where the energy starts.

## DOWN

1. A kind of kinetic energy with the ability to make types of light visible to human eyes.
2. A contact force acting against motion that slows objects down.
3. The force that causes magnets to pull on objects.
5. A material that does not allow electricity to pass through it easily.
6. A form of energy that is transferred by a difference in temperature.

light energy  
conductor  
repel  
gravity

heat energy  
magnetism  
insulator

attract  
friction  
electrical energy

mechanical energy  
circuit  
energy source