

## 4th Grade Science Vocabulary Study Sheet 1

1. gravity                      An attracting force between any two objects with mass.
2. friction                    A contact force acting against motion that slows objects down.
3. circuit                     A route that starts and finishes in the same place.
4. energy source            Where the energy starts.
5. conductor                A material that allows electricity to pass through it easily.
6. insulator                A material that does not allow electricity to pass through it easily.
7. magnetism               The force that causes magnets to pull on objects.
8. repel                      To go against.
9. attract                    To pull closer.
10. electrical energy      Energy related to forces on electrically charged particles and the movement of electrically charged particles.
11. light energy            A kind of kinetic energy with the ability to make types of light visible to human eyes.
12. heat energy            A form of energy that is transferred by a difference in temperature.
13. mechanical energy    The sum of potential energy and kinetic energy.