

## 5th Grade Science Vocabulary Study Sheet 4

1. force                      A push or a pull.
2. analyze                    To examine something by breaking it down to focus on its parts or components.
3. alternative energy      Energy generated in ways that does not deplete natural resources or harm the environment too much. Examples: Wind, solar, hydroelectric, geothermal, biofuels.
4. closed circuit            A circuit that allows energy to flow through it.
5. open circuit              A circuit that does not allow energy to flow.
6. parallel circuit            A circuit that has more than one path for energy to flow through.
7. series circuit             A circuit that only has one path for energy to flow through.
8. mechanical energy      Energy that requires moving parts.
9. sound energy             Energy that uses vibrations to create sound.
10. light energy             Energy that produces light.
11. electrical energy        Energy that requires the use of a battery or plug.
12. density                    Mass per unit volume.
13. friction                    Something that causes an object to slow down or speed up because of its texture.
14. opaque                    Does not allow light to go through.