HEAT – STUDY GUIDE

VOCABULARY WORDS

1. Conduction – the movement of heat within a solid or from one solid to another
2. Conductor – any material that allows heat to move through it easily.
3. Convection – the way in which heat moves through liquids and gases
4. Friction – a force that occurs when one object rubs against another object
5. Heat – the flow of thermal energy from warmer objects to cooler objects
6. Insulator – any material that does not allow heat to pass through it easily
7. Radiation – the movement of energy by waves
8. Solar energy – energy from the sun
9. Temperature – the measure of how hot or cold something is

10.Thermometer – a tool that is used to measure temperature

APPLICATION

1. Students should be able to explain the basics of how heat travels.
2. Students should be able to name some ways that heat is used.
3. Students should know that heat can be produced by: friction (a rubbing force), electricity, chemical change, and by burning fuels (like wood & gas).