

Study Guide for Test

**Study tip.....Draw a picture (next to each) to illustrate each definition.**

## **Energy**

- 1. What is energy?** Energy is the ability to cause a change in matter. (page C31)
- 2. At what temperature does ice cream melt?** 32°F (page C54)
- 3. What does evaporate mean?** To change from a liquid to a gas. ( page C54)
- 4. What is the definition of friction?** A force that makes it hard for objects to move past each other. (Think of sand paper rubbing against a piece of wood) (Page C46)
- 5. What is a conductor?** A conductor is a material that heat travels through easily. (page C48)
- 6. What is temperature?** Temperature is a measure of how hot or cold something is. (page C45)
- 7. What does freeze mean?** Freeze means to change to a solid. (page C55)
- 8. What are the 6 forms of energy?** Heat, electrical, mechanical, light, sound, and chemical (page C47)
- 9. What does melt mean?** To change from a solid to a liquid. (page C54)
- 10. What feature of light energy makes it different from other kinds of energy?** You can see light energy.
- 11. A skier waiting at the top of a hill has what kind of energy?** Stored energy (C31)
- 12. What is energy of motion?** The energy that moving matter has. (examples: rivers (water moving) trees moving side to side (Wind moving) (page C31)

**13. What is solar energy?** Energy from the sun

**14. At what temperature does water freeze?** 32 °F

**15. At what temperature does water boil?** 212 °F