Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Science Test #2 – Study guide

1. How does a toaster work? **It uses heat energy to toast bread.**
2. Name some ways that we use heat energy. **To warm our homes and cook our food.**
3. What two forms of energy do we get from the sun? **heat and light**
4. What do we use to measure temperature? **Thermometer**
5. If you want to make water cooler, what could you do? **Freeze it.**
6. Name three natural light sources. **Lightning, stars, sun**
7. Name three artificial, or human-made, light sources. **Flashlight, lamp, nightlight**
8. What is solar energy? **Heat and light energy from the sun**
9. Name two ways that you could use less electricity and cut down on pollution. **Turn off lights when you are not in the room. Turn off the television while you play outside.**
10. What causes ice-cream to melt? **Heat**
11. What causes melted cheese on a pizza? **Heat from an oven**
12. What provides the fuel you need to keep a fire at a campfire burning? **Wood**
13. How hot or cold something is an object’s **temperature.**
14. Explain how heat energy can cause an object to change states of matter from a liquid to a gas or from a solid to a liquid. **Heat applied to a pot of water can cause the water to boil changing the liquid to a gas. When you apply heat to butter, it will change from a solid to a liquid.**