

Name \_\_\_\_\_ Period \_\_\_\_\_ Date \_\_\_\_\_

## Bill Nye: Heat

1. Heat is \_\_\_\_\_. So heat can do work.
2. The flame cooks marshmallows through \_\_\_\_\_. With the radiation the marshmallow cooks without anything touching anything.
3. The butter will fall off the spoon that is the best \_\_\_\_\_.
4. Even \_\_\_\_\_ things have heat.
5. The ice sculpture of science has more heat energy because it has \_\_\_\_\_.
6. Transfer of heat by currents through liquid or gas is called \_\_\_\_\_.
7. \_\_\_\_\_ is sensitive to heat radiation. This special camera can see thermal radiation.
8. The fire is radiating \_\_\_\_\_ of infrared light, heat waves.
9. Clothes dryers work through \_\_\_\_\_. They force air over clothes.
10. *The boy has on gloves so he doesn't lose a lot of \_\_\_\_\_ by conduction.*
11. *Gloves, hat, hood, coats, sweaters are all about heat. They keep in \_\_\_\_\_.*
12. For heat to transfer, one molecule has to bump into another \_\_\_\_\_.