

Name _____

Bill Nye "Heat"

1. Heat is _____, so heat can do _____.
2. Heat moves around the earth in what 3 ways conduction, convection, and radiation. Throughout the movie write down
(**cd**) next to examples of conduction
(**cv**) for convection
(**r**) for radiation.

_____ pancakes touching a griddle	_____ fruit cooking
_____ flame cooking marshmallows	_____ sun
_____ fire, tropical breeze	_____ metal spoon in hot water
_____ glider plane	_____ melting butter on knives
_____ thermos	

3. Even cold things have _____. Anything with _____ have heat.
4. Which has more heat energy: the hot burning match or the ice sculpture? Why?
5. What kind of camera can see heat patterns?
6. Heat radiation is made up of _____, just like light.
7. Winter clothes trap _____. When air molecules are close together, it will be warmer.