

# Bill Nye- HEAT

1. Heat is \_\_\_\_\_.
2. Heat moves in what 3 ways?
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3. Define and give an example of radiation:
4. Define and give an example of conduction:
5. Define and give an example of convection:
6. Anything with molecules has \_\_\_\_\_. The molecules in cold things are moving more \_\_\_\_\_ than the molecules of warm things.
7. Which has more heat energy: an ice sculpture or a burning match? Why?
8. \_\_\_\_\_ cameras are sensitive to heat radiation.
9. How does heat conduction work in the metal brownie pan?
10. How does heat radiation work in the glass brownie pan?
11. You can measure how hot something is in \_\_\_\_\_ or \_\_\_\_\_. The \_\_\_\_\_ something is, the \_\_\_\_\_ its molecules.
12. Do freezers have heat?
13. \_\_\_\_\_ has heat.