Heat Energy and How We Use It

Watch the video and answer the questions below:

1. Energy has to do with the m_____ of the particles that make up matter.
2. How does heat energy always travel?
3. Is heat the same as temperature?
4. When you measure the temperature of something, you are measuring how _____ or _____ the particles in matter are moving.
5. The faster the movement of the particles in an object, the (lower / higher) the temperature will be.
6. Heat is the transfer of an object's energy to another object with a (higher / lower) temperature.
7. Would life be possible on Earth without the heat and energy from the Sun?
8. Write 3 sources of heat talked about in the video.
9. True / False: Our own bodies produce heat. (How can you prove this?)
10. What 2 things can heat energy be used for?

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