

Name:

Thermal Energy

After viewing **ALL the content** on our webpage, please answer the questions below.

Webpage link:

[Learning with Mr. Ford \(tumblr.com\)](http://Learning with Mr. Ford (tumblr.com))

Part One: What is Thermal Energy?

1. Thermal Energy is: Circle the best answer
 - a. Heat energy
 - b. The energy from a heated substance
 - c. Measured using temperature
 - d. All of the above

Choose the best word to complete the sentence: (Type it in, or circle)

2. When molecules in an object are _____(cold, hot) they move _____(quickly, slowly)

3. When an object is cold, it's molecules move _____(Slowly, quickly)

Part Two: Thermal Energy Sources

4. Matching: Match the pictures to the correct source of thermal energy:
(Draw a line from the picture to the correct source of thermal energy)

Natural Source ●

●



Electrical Source ●

●



●



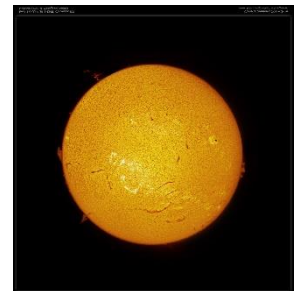
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Chemical Source ●

(Chemical reaction)

●



Part Three: Identifying Other Sources of Thermal Energy:

Can you think of any other natural, electrical or chemical sources of thermal energy?

Draw a picture and label at least two. If you are stuck, please watch the videos!

