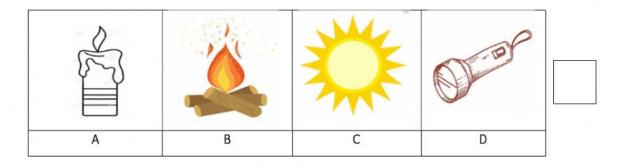
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## THEME 2 - ENERGY AND FORCES.

Answer the following questions in the spaces provided.

## Unit 1: Heat Energy.

Our main source of heat energy is \_\_\_\_\_\_



- 2. \_\_\_\_\_ Is a measure of how hot or cold something is.
  - A. Temperature
  - B. Thermometer
  - C. Conduction
  - D. Degree-Celsius
- 3. Which statement is not true about friction?
  - A. Friction acts when two surfaces rub against each other.
  - B. Friction is greater on a smooth surface than on a rough surface.
  - C. Friction prevents object from moving
  - D. Friction slows down a moving object
- Figure 1 shows Thumbtacks A, B and C attached to a metal rod by wax.
   The end of the rod were labeled as X and Y.

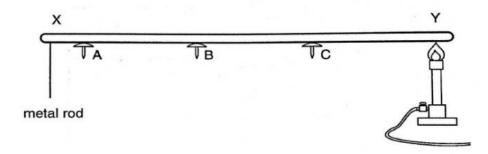


Figure 1

C. Heat travels from X to Y D. Heat travels from Y to X  5. Rosie boiled some water using a metal pot as shown in Figure 2.  Why do you think she is able to hold the pot of hot water by the handle?  A. Because the handle is a good conductor of heat. B. Because the handle is a poor conductor of heat. C. Because the handle is a flexible material. D. Because the handle is a hard material.	to hold the pot of hot water by the handle?  a a good conductor of heat.  a a poor conductor of heat.  a a flexible material.  a hard material.	B. Heat s	stays at X			
Why do you think she is able to hold the pot of hot water by the handle?  A. Because the handle is a good conductor of heat. B. Because the handle is a poor conductor of heat. C. Because the handle is a flexible material. D. Because the handle is a hard material.	to hold the pot of hot water by the handle?  a a good conductor of heat.  a a poor conductor of heat.  a a flexible material.  a hard material.	C. Heat t	ravels from X to Y			
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Why did thumbtacks at A fall last from the metal rod?

A. Heat stays at Y

