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Unit 9: Heat and its effects

When stay at a place,
where sunlight falls
abundantly we feel a
warmth. During daytime
surrounding gets warm
because of sunlight. But
everything and every
place do not get warm
equally.

Activity 1 :
Go to 10 different places with a thermometer and measure temperature.

places	temperature
Surrounding near home	
Play ground during daytime	
Under a heavy tree	
Paddy field	

- 1. In some countries, people die because of extreme cold and in some other countries people die because of extreme hot. What can you say?
- 2. What is the normal body temperature of human?
- 3. Name 4 animals who's body temperature change according to temperature of environment.
- 4. Name 2 adaptations of animals that help to maintain body temperature.
- 5. Name the source of energy that helps to keep human body temperature at constant.





Activity 2:

Rub your palms together.

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6. Write what you feel.
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7. What is produced by doing like this?

8. Heat is not used only for existence of living organisms. List other instances of using heat.

Activity 3

- According to page 136, make a model of a solar water heater. Take assistance of an adult for this. Activity 9.3 in your text book.
- Name the other heat generating fuels you come across in your home and environment.

Activity 4:

- Prepare a heating coil by going through the activity 9.4 in your text book. (page 138). Write what you feel to your hand.
- Do the assignment 9.5 in your text book.