

FOCUS POINTS

- A reliable measure of an object is its temperature
- Thermometer is used to measure the temperature of an object, the temperature that measures our body temperature is called a clinical thermometer
- The normal temperature of human body is 37 °C, although the temperature of every person is not 37 °C, it may be slightly higher or lower
- The heat flows from a body at higher temperature to a body at lower temperature
- Heat can flow from one object to another by three ways conduction, convection and radiation
- In solid generally heat transfers by conduction, in liquid and gases heat transfers by convection and for transfer of heat by radiation no medium is required
- The materials which allow heat to pass through them easily are conductors of heat
- The materials which do not allow heat to pass through them easily are insulators
- Dark coloured objects absorbs radiation more than a light coloured objects
- Woollen clothes keeps us warm because wool is poor conductor of heat and it has air trapped in between the fibres