

14 – Heat and Temperature

01. Tasks to be done by student :

- Study the contents well under the sub topic of **Measuring Temperature** on pages 40 and 41 of your text book.
- Do the **Activity 14.1** on page 40 and **Activity 14.2** on page 41 of your text book.
- Identify the scales of thermometers by studying the contents well under the sub topic of **Thermometers** on pages 42 to 43 of your text book.
- Prepare a short note what you learnt here.

02. Resources that can be used for above activities:

- Pupils text book – part II (pages 40 to 43)
- E-nenapiyasa
<https://www.enenapiyasa.lk/lms/course/view.php?id=22#section-14>
- E-Thaksalawa
<https://www.e-thaksalawa.moe.gov.lk/moodle/course/view.php?id=966#section-14>
- NIE Guru Gedara
<https://www.youtube.com/watch?v=RBTPLNVNZZk&t=15s>

03. Learning outcomes to be achieved in this lesson:

- State that there are different types of thermometers based on the liquid (thermometric substance) used and the scale
- Express the units of temperature as degree Celsius, degree Fahrenheit and Kelvin

04. Evaluation :

1. Select the insulating material
 - i. Copper
 - ii. Polythene
 - iii. Iron
 - iv. Steel
2. Normal human body temperature is
 - i. 36.90C
 - ii. 380C
 - iii. 94.80C
 - iv. 1020F