

16 – Force and Motion

01. Tasks to be done by student :

- Do the **Activity 16.1** on page 73 of your text book.
- Describe **Distance** and **displacement** by studying the contents well under the sub topic of **Distance and Displacement** on pages 73 to 77 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 73 to 77)
- E-nenapiyasa
<https://www.enenapiyasa.lk/lms/course/view.php?id=22#section-16>
- E-Thaksalawa
<https://www.e-thaksalawa.moe.gov.lk/moodle/course/view.php?id=966#section-16>
- NIE Guru Gedara
https://www.youtube.com/watch?v=5NVOBY_vIrI

03. Learning outcomes to be achieved in this lesson :

- Give examples of distance and displacement
- Differentiate between the concepts of distance and displacement
- State units of distance and displacement

04. Evaluation :

01. What is the international unit of measuring distance?

1. Millimetre 2. Centimetre 3. Metre 4. Kilometre

02. Which measurements, have a magnitude and a definite direction?

1. Distance and displacement 2. Displacement and force
3. Force and distance 4. Force only