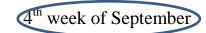
WEEKLY SCHOOL







16 – Force and Motion

- 01. Tasks to be done by student:
 - Do the **Activity 16.2** on page 78 of your text book.
 - Pay attention on **Activity 16.3, 16.4** on page 79 and **Activity 16.5** on page 80 of your text book.
 - Study about Force, features of the force, measuring tools of the force, Standard Unit of the force and works can be done by applying a force by studying the contents well under the sub topic of Force on pages 77 to 82 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 77 to 82)
 - 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:
 - Describe force as a push or a pull giving examples
 - State that force could be expressed in terms of a magnitude and direction
 - State the SI unit of force as 'newton'
- 04. Evaluation:
 - 01. Which is the correct statement about force?
 - i. Force has a magnitude only
 - ii. Pulling only can be resulted by applying a force
 - iii. Pushing only can be resulted by applying a force
 - iv. Pulling and pushing can be done by applying a force
 - 02. What is the instrument used to measure force?
 - i. Pan balance ii. Table balance iii. Newton balance iv. Electronic balance
 - 03. A moving bicycle is pushed from behind by a child. What will be the change of motion?
 - i. Speed increases ii. Speed decreases iii. It will rotate iv. Direction changes