Grade 7   Mathematics   3rd week of October

27 – Scale diagrams

01.   Tasks to be done by student :

- Study the contents and all examples well under the sub topic of **Scale diagrams** on page 141 of your text book.
- Study the contents and all examples well under the sub topic of **The scale of a scale diagram** on pages 142 and 143 of your text book.
- Study the contents and all examples well under the sub topic of **Drawing scale diagrams** on pages 143 and 144 of your text book.
- Do all the exercise of **exercise 27.1** (page143) and **exercise 27.2** (page 144)

02.   Resources that can be used for above activities :

- Pupils text book – part II (pages 141 to 144)
- E-nenapiyasa
  https://www.enenapiyasa.lk/lms/course/view.php?id=174#section-27
- E-Thaksalawa
  https://www.e-thaksalawa.moe.gov.lk/moodle/course/view.php?id=967#section-31
- DP Education
  https://www.youtube.com/watch?v=Fc8uyY_kHXg

03.   Learning outcomes to be achieved in this lesson :

- Identifying scale diagrams and its uses.
- Identifying and expressing the scale of a scale diagram.
- Drawing scale diagrams.

04.   Evaluation :

(1)   Express the scales as a ratio.
    i)   Representing 50 cm by 1cm.
    ii)   Representing 1 mm by 5cm.
(2)   The side length of a square shaped land is 30m. Draw a scale diagram, using a suitable scale.
(3)   The length of a rectangular land is 50m and the width is 25m.
    i)   Select a suitable scale to draw the scale diagram of the land.
    ii)   Draw the scale diagram of the land.