WEEKLY SCHOOL

Grade 7

Mathematics

1st week of August

21 - Ratios

- 01. Tasks to be done by student :
 - Study the contents and all examples well under the sub topic of **Ratios and Equivalent Ratios** on pages 90 to 93 of your text book.
 - Do all the exercises under **exercise 21.1** (page: 93)
 - Study the contents and all examples well under the sub topic of **Dividing a** given quantity in a ratio on pages 94 to 96 of your text book.
 - Do all the exercises under **exercise 21.2** (pages: 96 and 97)
- 02. Resources that can be used for above activities :
 - Pupils text book part II (pages 90 to 96)
 - E-nenapiyasa https://www.enenapiyasa.lk/lms/course/view.php?id=174#section-21
 - E-Thaksalawa https://www.e-thaksalawa.moe.gov.lk/moodle/course/view.php?id=967#section-25
 - NIE Guru Gedara https://www.youtube.com/watch?v=ftf2jxOegJ8
 - DP Education https://www.youtube.com/watch?v=ZRXN2amY8Sw
- 03. Learning outcomes to be achieved in this lesson :
 - Expressing an equivalent ratio for a given ratio.
 - Dividing a given quantity in a ratio.
- 04. Evaluation :
 - (1) Write down two equivalent ratios
 i) 2:3
 ii) 1:4
 iii) 5:8
 - (2) Express each of the following ratios in its simplest form.
 i) 8: 20 ii) 25: 75: 125 iii) 70: 90
 - (3) A group of preschoolers has 8 boys and 24 girls. What is the ratio of boys to girls?
 - (4) Heshani drew 12 hearts, 10 star, and 20 circles. What is the ratio of circles to hearts.
 - (5) A pattern has 4 blue triangles to every 12 yellow triangles. What is the ratio of blue triangles to all triangles?