Weekly school

Grade 8   Mathematics   October 1-2week

Lesson 25 - The Number line and Cartesian Plane

1. Tasks done by the student.

   - Complete the pre- learning worksheet before study the lesson.
   - Study the lesson The Number line and Cartesian plane and complete the Review Exercise.
   - Study the lesson The Number line and Cartesian plane and the examples.

2. Learning aids that can be used for above activities.

   - Grade 8 textbook (page numbers 102-115)

   - E-nenapyasa webste.
     https://www.enenapiyasa.lk/lms/course/view.php?id=187

   - E-thaksalawa-
     https://www.e-thaksalawa.moe.gov.lk/moodle/course/view.php?id=182

   - Gurugedara
     https://www.youtube.com/watch?v=Zfx1T_bXMbE

   - DP Education
     https://www.youtube.com/watch?v=IBqnJV7v2Zw

   - Other videos   1 https://www.youtube.com/watch?v=CKCSALTswl8

      2. https://www.youtube.com/watch?v=LIhI4DKmXH8

      3. https://www.youtube.com/watch?v=U-SmRQLSop0

3. Learning outcomes related to this lesson.

   - Represent fractions and decimal number with one decimal place on a number line.
   - Compare fractions and decimals using the number line.
   - Represent on a number line, the values that the unknown an inequality with one unknown can take.
   - Identify a point on a coordinate plane by considering the x- and y- coordinates.
   - Identify the nature of the coordinates of the points that lie on a line which is parallel to an axis of the coordinate plane.

4. Assessment – Complete the Exercises 25.1, 25.2, 25.3, 25.4 and 25.5.