Viharamahadevi Balika Vidyalaya-2020

Grade 06 – Mathematics
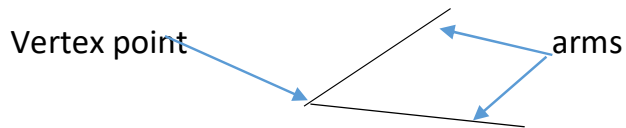
Unit 07-Angles

- Dear students please refer the text book and do the following assignment in your maths exercise book.

Identifying an angle.

1. What is a straight line segment?
   - A part of a line drawn straight.

   A ——————————— B
   (Straight line segment AB)

2. What is an angle?
   - An angle is formed by two straight line segments (arms) meeting at a point (vertex point).

   Vertex point   arms

3. How is an angle marked?
   - An angle is marked with a curved line.

4. What are places in which angles can be seen in the environment?
   - Angle between two hands of a clock.
   - Angle between the edges of a book.
   - Angle between the blades of a scissor.
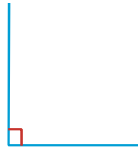
Right angle
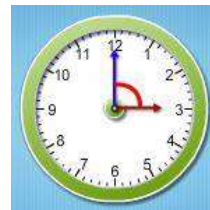
1. What is a right angle?
   - The angle of magnitude equal to the magnitude of the angles formed below.

      i.

      ii. The angle formed between hour hand and minutes hand when a clock reads 3 o' clock

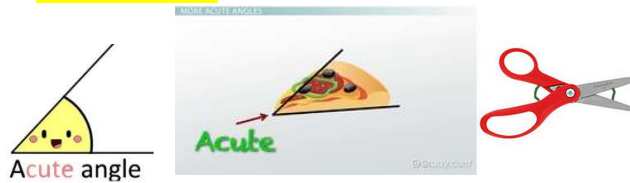2. Name several places in the class room, where the shape of a right angle can be observed?
   - Corner of the white board
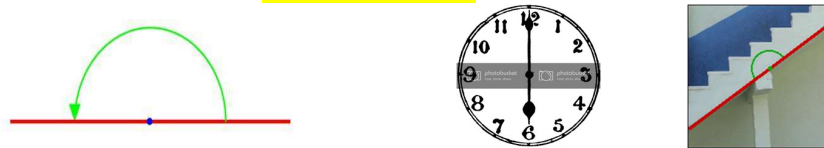   - Corner of the teacher's table

Identifying different types of angles in terms of the right angle.

1. Define different types of angles.

   a. Angles which are smaller in magnitude than a right angle are known as **acute angles**.

   b. Angles whose magnitudes are equal to the magnitude of two right angles are known as **straight angles**.

   c. Angles which are larger in magnitude than a right angle but smaller than a straight angle are known as **obtuse angles**.

   d. Angles which are larger in magnitude than a straight angle but smaller in magnitude than four right angles are known as **reflex angles**.

➢ Engage in exercise 7.3