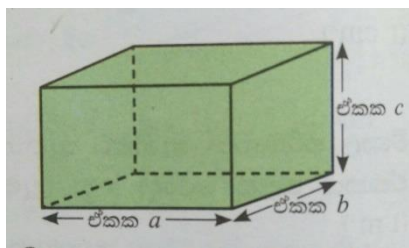(Learning Time :-2 hours)

Volume & Capacity

22.1 Volume.

- Recall what you learned about volume in Grade 7.

- The amount of space occupied by an object is called its volume. Cubic centimetre and cubic metre are two units that are used to measure volumes.

- The volume of a cube of side length 1 cm is 1 cubic centimetre (1 cm3).

- The volume of a cube of side length 1 metre is used as a unit to measure larger volumes. Its volume is 1 cubic metre (1 m3).

- Complete the review exercise by studying the page 79 in text book (Part 2).

22. 2 Formulae for the volume of a cube and a cuboid.

- If the volume of a cuboid of length a units, breadth b units and height c units is V cubic units, V = abc.

- If the volume of a cube of side length a units is volume V cubic units, V = a^3.

- Complete the exercise 22.1 by studying the pages 80, 81 & 82.