MIND MAP : LEARNING MADE SIMPLE

CHAPTER-10

Mensuration

- **Perimeter of square**
  - Side = 4 cm
  - P = 4 × side
  - = 4 × 4 = 16 cm.
- **Perimeter**
  - unit = m or cm.
  - Sum of the length of all the sides of a plane figure.
- **Perimeter of rectangle**
  - L = 5 cm, b=3cm
  - P = 2 (l + b)
  - = 2 (5 + 3)
  - = 2 (8)
  - = 16 cm.
- **Perimeter of triangle**
  - A, B, C; 3 cm, 4 cm, 5 cm
  - P = AB + BC + CA
  - = 3 cm + 5 cm + 4 cm
  - = 12 cm
- **Perimeter of equilateral △**
  - Side = 2 cm
  - P = 3 × side
  - = 3 × 2
  - = 6 cm.
- **Area**
  - unit = m^2/cm^2
  - Space enclosed by a plane figure
  - **Area of square**
    - Side = 4 cm
    - side × side
    - eg side = 4 cm
    - Area = 4 × 4
    - = 16 cm^2
  - **Area of rectangle**
    - L = 5 cm, b=3 cm
    - Length × breath
    - = Area = l × b
    - = 5 × 3
    - = 15 cm^2.
  - **Area using squared paper**
    - Count the total number of fully, half and more than half filled squares.
    - Two $\frac{1}{2}$ squares = 1
    - 2 square = 2
    - Ignore less than half filled squares.