



SABARAGAMUWA PROVINCIAL DEPARTMENT OF EDUCATION

Subject - Science

3 rd Week

Grade 9

Prepared By : R/Kalawana National School

1. What is known as density?
2. Density, mass and volume are symbolized by  $\rho$ ,  $m$  and  $v$  respectively.
3. What is the SI unit of density?
4. What is the other unit commonly used to measure density?
5. Mass of certain liquid of  $2\text{m}^3$  is  $3000\text{kg}$ . what is the density of that substance?
6. What is the mass of volume  $0.5\text{m}^3$ , density of  $13600\text{ kgm}^{-3}$ ?
7. What is the volume of the substance of mass  $200\text{kg}$ , whose density is  $4000\text{kgm}^{-3}$ ?
8. Denote the volume of densities of substances which we come across in day to day life?