

2034 NANUKU SANGAM SCHOOL
LESSON NOTES
WORKSHEET 5 -2021

Subject: Basic Science

Year: 7

Name: _____

STRAND: Matter

SUB-STRAND: 7.2.1.2 Soluble and Insoluble Substances

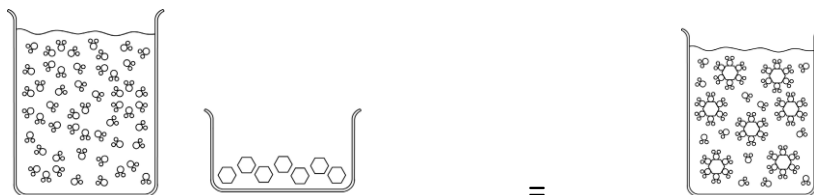
CLO: Organize and show the solubility and density of solids and liquids in different liquids

LESSON NOTES:

Soluble Substances & Insoluble Substances

- When a substance mixes with water and it forms a solution, the substance is **soluble**. This means that it is able to join with the water particles.

Example:

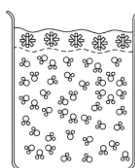


water particles + sugar particles = sugar and water solution

- When a substance mixes with water and does not form a **solution** and only forms a mixture, the substance is **insoluble**. This means that the particles of the substance are not able to join with the water particles.

Example:

oil and water mixture



- A substance may be insoluble in water, but soluble in another solvent.

ACTIVITY:

Complete the table below by placing a **tick (✓)** in at the appropriate column.

	Mixture	Soluble	Insoluble
1	Salt with water		
2	Butter (fats) with water		
3	Paint and kerosene		
4	Sand with water		
5	Dishwashing detergent with water		