

TENDER HEART HIGH SCHOOL, SEC- 33 B, CHD.

Class: III

Subject: Science

Topic: Water  
Date: 14.10.2024

Good Morning Students

This lesson is for class III, Topic - Water from your science book Srijan ICSE Science and is being submitted to you on 14.10.2024

### Ch-8

Water is an important liquid. All living beings need water to stay alive.

Physical properties of water.

1. Water is a clear, transparent liquid
2. It has no colour, smell or taste.
3. Water occupies a definite amount of space.

### Solution

Solution - A uniform mixture of two or more substances.

Solvent - The liquid part of a solution in which a solid substance dissolves.

Solute - The solid substance which dissolves in a solvent.



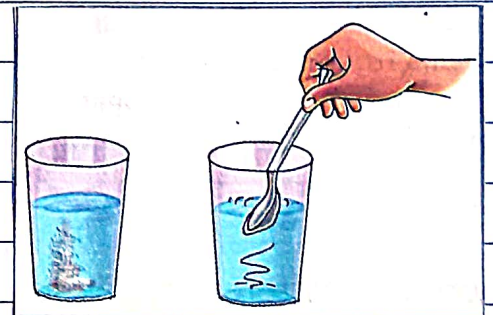


Soluble substances - The substances which dissolve in a liquid (water) are known as soluble substances. Salt and sugar are examples of soluble substances.

Insoluble substances - The substances which do not dissolve in a liquid (water) are known as insoluble substances. Sand, wood etc are examples of insoluble substances.

Conditions affecting making of a solution

- i) Stirring the solution: When we stir the solution, the solute dissolves faster and mixes well in water.



- ii) Temperature: The solute dissolves easily and faster in warm water.
- iii) Size of solute particles: If the size of solute particles is small, it takes less time to make a solution.

Float and sink: Heavy objects like steel spoon, needle and stone will sink in water. Light objects like balloon, paper and wood will float in water.



## Home assignment

Perform this activity at home :

Take a tub, some water, key, needle, coin, screw, eraser, paper, clip, bowl, a piece of wood and a piece of thermocol. Fill the tub three-fourths with water. Now drop all the objects in the tub one by one. See which object floats and which object sinks in water.

