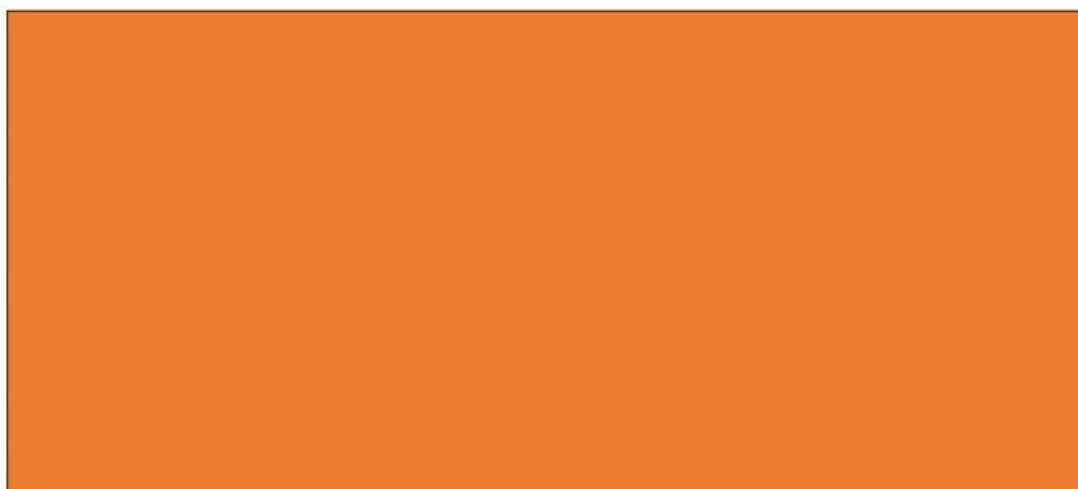




Student's name:	Class: Seventh Grade
Subject: Science	

Soluble and Insoluble Substances and Solutions

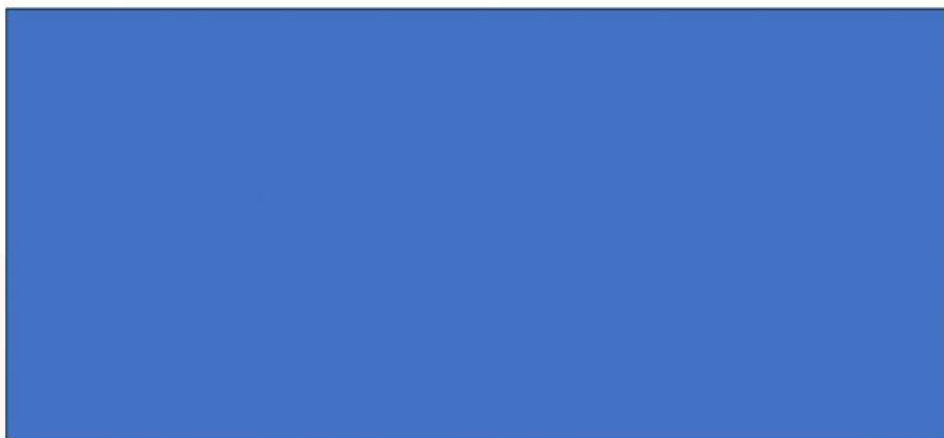
1. Watch the video about what a Solution is and answer the questions below.



Choose "True" or "False" according to each statement.

Air, soil, milk and brass are all mixtures	True	False
Mixtures are chemical compounds.	True	False
A mixture depends on the proportion of the different components in it.	True	False
Liquid Mixtures are called solutions.	True	False
Solution is a type of mixture.	True	False
A solution is a homogenous mixture of 2 or more components.	True	False
Solutions can be in any of the three states of matter that is: solid, liquid and gas.	True	False
The air is not a solution.	True	False

2. Watch this video about how a Solute dissolve in a Solvent and answer the questions below.



Choose “True” or “False” according to each statement.

Water molecules have polar nature that is having both negative and positive charge.

True False

Dissolution is when the solute particles are dissolving in the solvent forming a solution.

True False

A saturated solution is when no more solute can be dissolved.

True False

Solubility is maximum amount of solute which can be dissolve in a given amount of solvent.

True False

3. Match each concept with the correct definition.

SOLVENT

SUBSTANCES that can be easily dissolve in water or other liquids.

SOLUTE

In this mixture the components are uniformly distributed. You can't see the ingredients.

SOLUTION

Is what you get when you combine two SUBSTANCES.

HOMOGENEOUS MIXTURE

Is a substance that dissolves in the solute.

HETEROGENEOUS MIXTURE

Is the RESULT from the mix of a solvent and a solute.

SOLUBLE

Is a substance that is dissolved in a solvent.

INSOLUBLE

In this type of mixture, the components are uniform and can be physically separated.

MIXTURE

These SUBSTANCES don't dissolve in water.