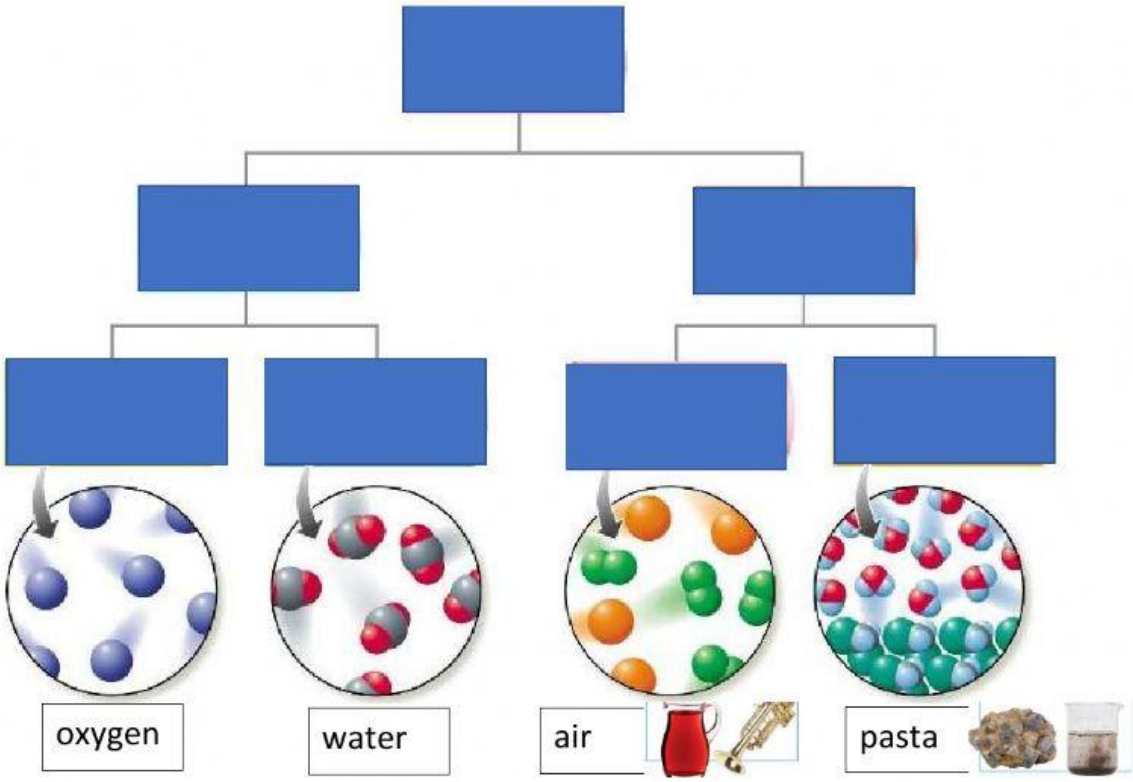
Cycle 2 Science

Grade 6 Matter Study Notes



- Matter
- Pure substance
- Mixture
- Element
- Heterogeneous mixture
- Compound
- Homogeneous mixture

LIVEWORKSHEETS

Cycle 2 Science

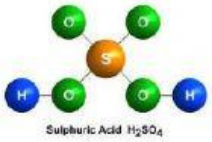
1. The number of _____ always differs in atoms of different elements



2. The formula H_2SO_4 represents a compound made of which atoms?

_H _S _O

H_2SO_4



Sulphuric Acid H_2SO_4

Key Word	Meaning
matter	anything that has mass and takes up space
atom	small particle that is building block of matter
substance	substance consisting of matter that has the same composition
element	a substance that consists of just one type of atom
compound	substance containing two or more different elements chemically bonded
mixture	matter that can vary in composition
homogenous mixture	mixture in which the parts are evenly mixed
heterogenous mixture	mixture in which the parts are NOT evenly mixed
solution	another name for homogenous mixture
solvent	part there is more of in solution
solute	part there is less of in solution

LIVEWORKSHEETS

Practice Questions:

1.1 Label the following types of matter

A B



_____ _____

1.2 What is another name for picture B?

_____

1.3 What is the name of the part there is more of in picture B?

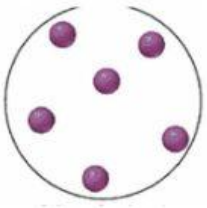
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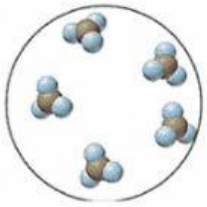
1.4 What is the name of the part there is less of in picture B?

_____

2. Label the following diagrams

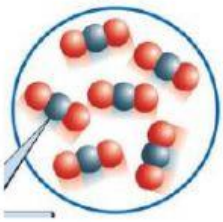
element	compound	heterogenous mixture	homogenous mixture

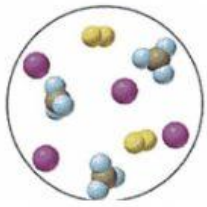






_____ _____ _____





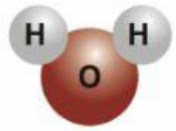


_____ _____ _____

LIVEWORKSHEETS

3. Match the formula to the diagram of the molecule

H_2O SO_2 SO_3







4. Match the separation technique to the method and the name

Mixture	Method	Name
Sand and Water		**magnet**
Sand and Iron		**filtration**
Salt and water		**evaporation**

LIVEWORKSHEETS