Classification of Matter

- Homising -

MATTER

Anything that takes up space and has mass

PURE SUBSTANCE

A substance that contains only one type of particle (an atom substance has constant or molecule). A pure properties.

> substances). Eg. metal ores, pop, jewellery, cereal & milk.

Mixtures contain at least 2 kinds of particles (or pure

MIXTURE

ELEMENT

Pure substances that Elements cannot be simpler substances. consist of only one chemical symbols. broken down into Elements can be dentified with type of atom. Eg. C, O₂

MIXTURE (SOLUTION)

HOMOGENEOUS

MIXTURE (MECHANICAL

MIXTURE)

HETEROGENEOUS

Eg. steel (composed completely that the of iron and carbon) mixture looks and more substances Occur when 2 or mix together so feels like one substance.

components that can

be clearly seen with

the naked eye.

Eg. sand and water

granola

dod

Are made up of 2 or

more different

COMPOUND

different elements in a Pure substances that Compounds can be consist of only one chemical formulas contain 2 or more These molecules ype of molecule. fixed proportion. dentified with

Eg. H,O or CO,