



GO GLOBAL II: Mix This!

Pure Substances & Mixtures (Terms with definitions)

Matter	Anything that takes up space, has mass, and is made up of particles.
Pure Substance	A material that is composed of only one type of particle; examples of a pure substance include gold, oxygen and water.
Mixture	A material made up of at least two different pure substances.
Mechanical Mixture	A mixture in which each material maintains its own properties.
Solution	A mixture in which the distinct properties of the different substances are combined into one set of properties.
Homogeneous	A material having only one set of properties.
Heterogeneous	A mixture, made up of parts that retain their own properties, even if these properties are not visible to the unaided eye.
Solute	A substance that can be dissolved in a solvent; for example, salt is a solute that dissolves in water.
Solvent	A substance into which a solute may be dissolved; for example, water is a solvent that dissolves sugar.
Dissolve	The act of a solute completely combining with a solvent to become a solution.
Distillation	A process for separating the parts of a liquid solution. The solvent is heated to change it into a gas, then it is converted back to a liquid.
Soluble	The ability, of a solute, to dissolve in a solvent.
Insoluble	When a solute is not able to dissolve in a solvent.
Dilute	To weaken the strength of a solution by increasing the amount of solvent.
Saturated	The point at which no more solute can be dissolved in a solvent.