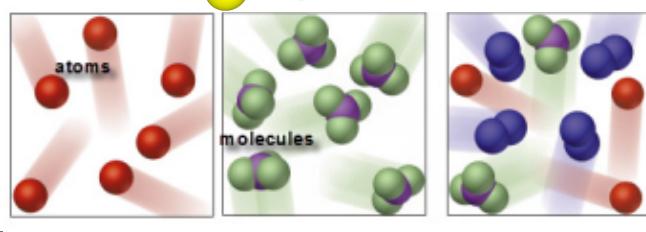
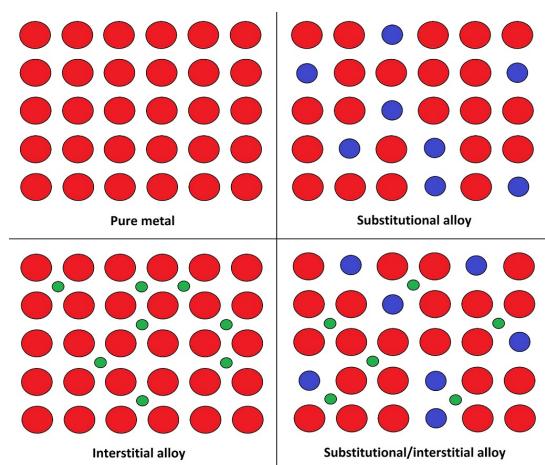
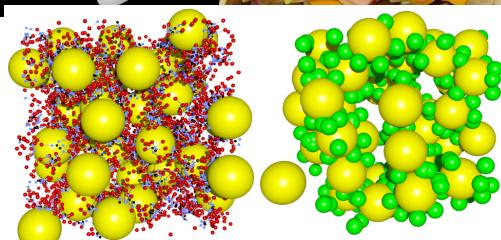


**Mixtures-** a combination of two or more substances that aren't chemically combined.

- No reaction
- Change can be reversed
- Can be physically separated
- Can be solid, liquid or gas
  - > Air = mixture of gases
  - > Soup = solid, liquid
  - > Alloys (brass)= solid/solid



#### ELEMENT

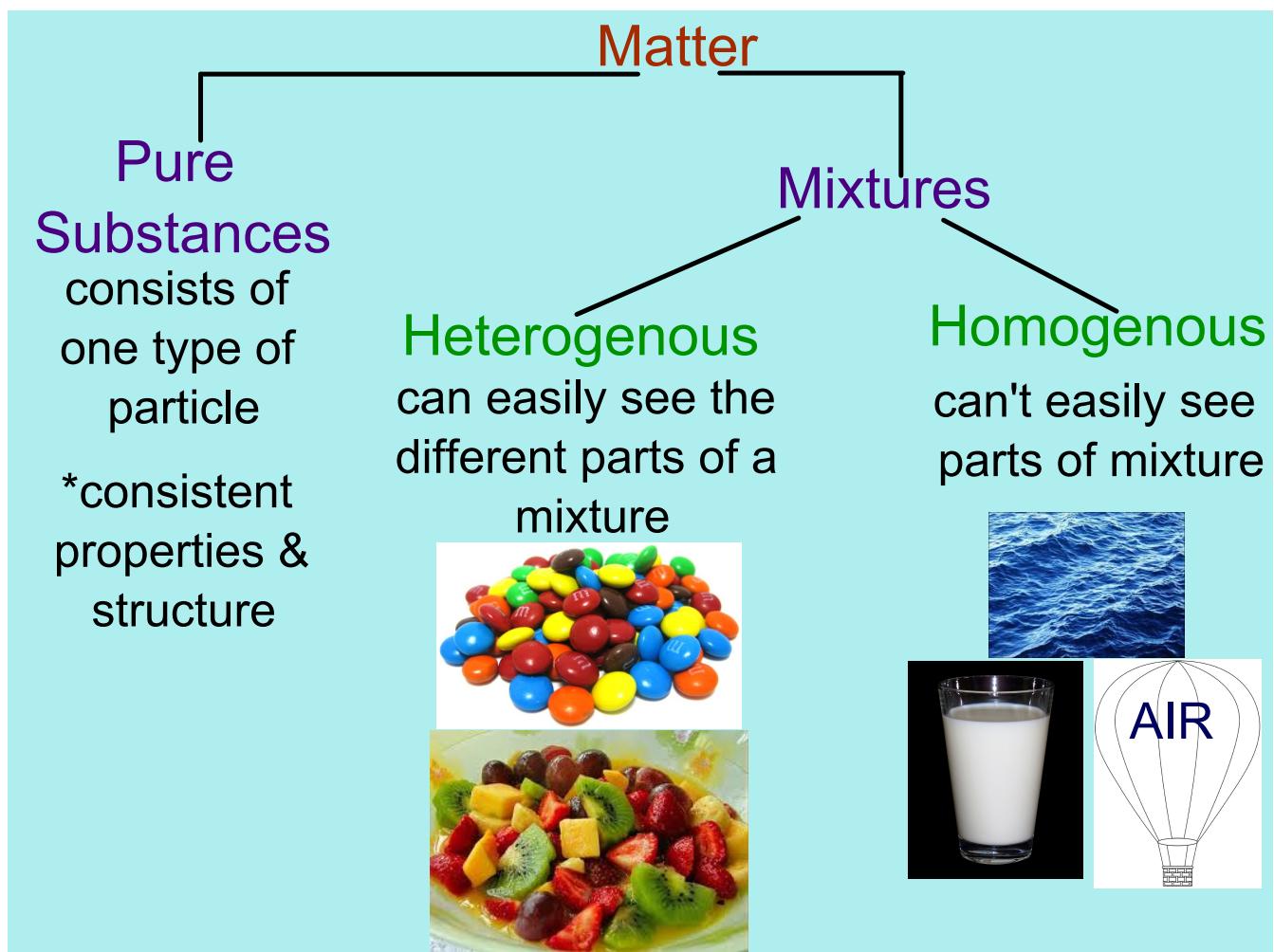
examples:  
oxygen (O)  
hydrogen (H)  
helium (He)  
carbon (C)  
potassium (K)  
sodium (Na)

#### COMPOUND

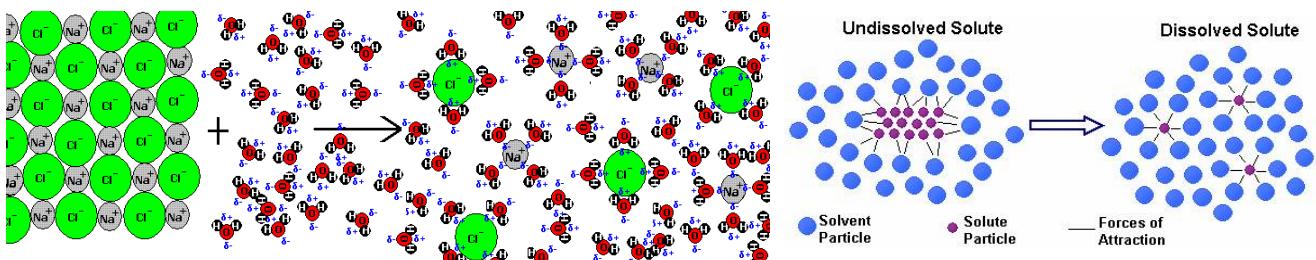
examples:  
table salt (NaCl)  
water ( $H_2O$ )

#### MIXTURE

examples:  
air  
milk  
salad dressing



**Dissolve:** when a solid breaks down and mixes into a liquid to form a solution.



**Solute** - the substance that gets dissolved.

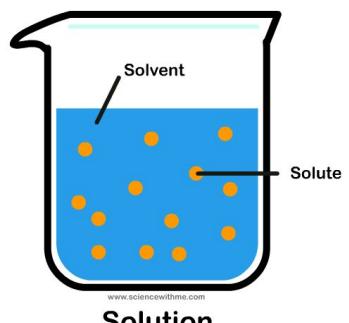
- Gatorade powder

**Solvent** - the liquid does the dissolving

- Water
- Water is called universal solvent

**Solution** - liquid that contains dissolved substances.

- gatorade drink



## Attachments

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-  Atomic Theory.ppt
-  Atoms, Elements and Properties.pptx
-  Properties.pptx
-  Element Observation.docx
-  Frayer model 2.doc
-  Notes on Matter.pptx