

Topic List for Properties Unit

General Chemistry

atoms – elements / molecules – compounds

conservation of mass

conservation of energy

transformation

forms of energy

kinetic energy

potential energy

classification of matter

pure substance

element

compound

mixture

homogeneous mixture (solutions)

heterogeneous mixture

chemical and physical properties / changes

intensive and extensive properties

separating mixtures

decant

filter

distillation

centrifuge (density)

magnetism

introduction to the mole

Avogadro's number

1 mole of element = molar mass shown on Periodic Table

conversions

density