

Atoms, Elements and Compounds

Atoms

Definition:

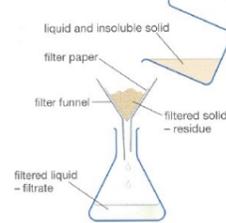
Examples:

Separating Techniques

Filtration:

What does it separate?

Example



Sub-atomic particles

Draw a labelled model of the atom:

History of the atom

Dalton

Dalton's model:

JJ Thompson

JJ Thompson's model:

Rutherford

Rutherford's model:

Bohr

Bohr's model:

Chadwick

Elements

Definition:

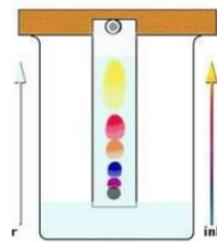
Examples:

Chromatography:

How does it work?

What does it separate?

Example



Chemistry Unit 1 Revision

Mass number:

Atomic number:

Compounds

Definition:

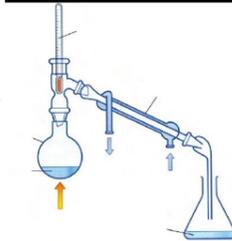
Examples and diagrams:

Distillation:

How does it work?

What does it separate?

Example



Mixtures

Definition:

Examples and diagrams:

Evaporation:

What does it separate?

Example



| Sub-atomic particle | Location | Mass | Charge |
|---------------------|----------|------|--------|
| Proton | | | |
| Neutron | | | |
| Electron | | | |

Examples of PEN: