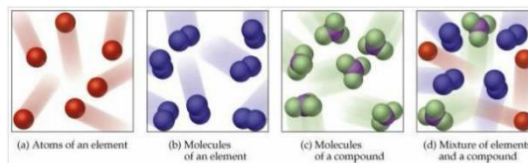


Unit Overview – Atoms, Elements, Compounds, and Separating Mixtures

You will learn about:

- The difference between atoms, elements, and compounds
- The different methods of separating mixtures.



You will be able to:

- Decode formula, name salts, writing word and symbol equations
- Balance equations
- Prepare samples of pure, dry and soluble salts

Key Words

Element
Compound
Mixture
Atom
Filtration
Crystallisation
Distillation
Chromatography

Key learning points

Atoms, elements, mixtures and compounds

Separating mixtures

RP Preparing salts

Links to other subjects:

SMSC: Understand and appreciate the impacts of human development on the environment and describe the effects that this is having.

Literacy: Describe observations in practical work. Write methods

Numeracy: make simple calculations, Use ratios