

## Year 10 Chemistry Foundation Assessment Autumn 2023 Revision List

### Atomic Structure & Periodic Table

- Protons, neutrons and electron including electron structure

<https://www.bbc.co.uk/bitesize/topics/zcckk2p>

### Structure and Bonding

- Ionic, Covalent and Metallic bonding
- Ionic formula

<https://www.bbc.co.uk/bitesize/topics/z33rrwx>

### Chemical Changes

- Naming and making salts (MASFECD)
- Neutralisation – including ions for acids and alkalis
- Displacement reactions including more and less reactive metals
- Electrolysis of molten ionic compounds
- Electrolysis of aqueous solutions
- Extraction of aluminium from aluminium oxide

<https://www.bbc.co.uk/bitesize/topics/zt6ppbk>

### Skills

- Calculating a temperature change using a thermometer
- Calculating a mean including an anomalous result
- Calculating mass in  $1\text{dm}^3$  ( $1000\text{cm}^3$  in  $1\text{dm}^3$ )