

Year 11 Mock Revision List

Chemistry Triple Foundation

How to revise Science:

1. Create a Comprehensive Revision Timetable. ...
2. Use Past Exam Papers and Mark Schemes. ...
3. Use Visual Learning Aids. ...
4. Engage in Active Learning Techniques. ...
5. Incorporate Online Resources. ...
6. Attend Science Revision Sessions and Workshops. ...
7. Focus on Understanding Key Concepts and Their Applications.
8. Use Tassomi
9. Use BBC Bitesize

Revision List:

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Chemistry

- **Atoms** – subatomic particles, calculating number of electrons, protons and neutrons, calculating RFM, isotopes,
- **Elements, Compounds, Mixtures** – identity elements, compounds and mixtures and what the differences are, separation techniques
- **Metals and acids** – reactions, metal reactivity series, naming salts, pH, neutralisation
- **Periodic table** – structure of the table and its history of development, names of the groups and their properties, alkali metals and halogens
- **Rate of reaction** – variables and anomalous results,
- **Carbon** – different structures graphite and diamond,
- **Nanoparticles** – structure and uses
- **Electrolysis** – ionic compounds electrolysis, products made at the electrodes, calculation of atom economy
- **Metals and non-metals** – properties, comparison of properties of group 1 and transition metals, metal conductivity
- **Electronic structure** – reactions, metal, ionic bonding
- **Exothermic reactions** – investigation planning – how changing mass of the products effects temperature change, reaction profiles