



A-LEVEL CHEMISTRY

AQA

Specification Summary

- *Physical chemistry*
- *Atomic structure*
- *Amount of substance*
- *Bonding*
- *Energetics*
- *Kinetics*
- *Chemical equilibria, Le Chatelier's principle and K_c*
- *Oxidation, reduction and redox*
- *Thermodynamics (A-level only)*
- *Rate equations (A-level only)*
- *Equilibrium constant K_p for homogeneous systems (A-level only)*
- *Electrode potentials and electrochemical cells (A-level only)*
- *Acids and bases (A-level only)*
- *Inorganic chemistry*
- *Periodicity*
- *Group 2, the alkaline earth metals*
- *Group 7(17), the halogens*
- *Properties of Period 3 elements and their oxides (A-level only)*
- *Transition metals (A-level only)*
- *Reactions of ions in aqueous solution (A-level only)*

- **Organic chemistry**
- **Introduction to organic chemistry**
- **Alkanes**
- **Halogenoalkanes**
- **Alkenes**
- **Alcohols**
- **Organic analysis**

AS Chemistry 7404 and A-level Chemistry 7405 AS exams May/June 2016 onwards. A-level exams May/June 2017 onwards.



A-LEVEL PHYSICS

AQA

Specification Summary

- **Measurements and their errors**
- **Particles and radiation**
- **Waves**
- **Mechanics and materials**
- **Electricity**
- **Further mechanics and thermal physics (A-level only)**
- **Fields and their consequences (A-level only)**
- **Nuclear physics (A-level only)**
- **Astrophysics (A-level only)**

- ***Medical physics (A-level only)***
- ***Engineering physics (A-level only)***
- ***Turning points in physics (A-level only)***
- ***Electronics (A-level only)***