

## **Year 12 - Topics list for end of year assessments**

**AQA GCE Chemistry** – taken from the AQA A-Level Chemistry (7405) specification – link below:

[AQA | Chemistry | A-Level | A-level Chemistry](#)

Knowledge organisers for all topics can be found on TEAMS

**Paper 1** = Physical and Inorganic Chemistry

**Paper 2** = Physical and Organic Chemistry

### **3.1 – Physical Chemistry**

3.1.1 Atomic Structure

3.1.2 Amount of Substance

3.1.3 Bonding

3.1.4 Energetics

3.1.5 Kinetics

3.1.6 Chemical Equilibria, Le Chatelier's Principle, K<sub>c</sub>

### **3.2 – inorganic Chemistry**

3.2.1 Periodicity

3.2.2 Group 2

3.2.3 Group 7

### **3.3 - Organic Chemistry**

3.3.1 Introduction to organic Chemistry

3.3.2 Alkanes

3.3.3 Halogenoalkanes

3.3.4 Alkenes

3.3.5 Alcohols

3.3.6 Organic Analysis