



# **EPCHS SCIENCE DEPARTMENT:**

# **CHEMISTRY LEARNING JOURNEY YEAR 12**







Assessments End of topic tests periodically





End of **Year Exams** 

3.1.1 - 3.3.6 Revision

Summer Term

3.3.5 Alcohols

3.2 morsanic Gemistry

**Spring** Term

3.1.4 **Energetics** 

3.3.2

Alkanes

3.1.6 Chemical Equilibria, Le 3.1.7 Oxidation, Reduction **Chatelier's Principle and Kc** 

and Redox Equations

**Assessments** 

End of topic tests periodically

Halogenoalkanes

Alkenes

3.3.1 Introduction to **Organic Chemistry** 

3.1.3 **Bonding** 

**3.1.2** Amount **3.1.1** Atomic of Substance **Structure** 

Autumn Term

# **Additional Information**

**Examination Board: AQA** 

#### **Further Information:**

https://filestore.aqa.org.uk/resources/chemistry/spe cifications/AQA-7404-7405-SP-2015.PDF

Additional Support: Masterclass; Thursdays 3pm -4pm

www.chemguide.co.uk

# **Units**

### **Unit 1 - Physical Chemistry**

Atomic Structure, Amount of Substance, Bonding, Energetics, Kinetics, Chemical Equilibria, Oxidation, Reduction and Redox Reactions.

# **Unit 2 - Inorganic Chemistry**

Periodicity, Group 2 - The Alkaline Earth Metals, Group 7 -The Halogens.

# **Unit 3 – Organic Chemistry**

Introduction to Organic Chemistry, Alkanes, Halogenoalkanes, Alkenes, Alcohols, Organic Analysis.