

## Gordon's School Chemistry Department





## **Key Skills:**

- **Development of scientific** thinking
- Planning investigations
- **Developing experimental skills** and strategies
- Recording data tables and graphs
- Data analysis
- Data evaluation









**Command Words:** 

Calculate

Compare

Complete

Describe

**Determine** 

**Evaluate** 

**Explain** 

Justify

**Predict** 

Exams	Revision	Year 13 mock	aqueous solution electrochemical		al cells	
		exams	Rate equations	Chromatography	Nuclear magnetic	•

Year 13

Carboxylic

acids

**TEACHER 1** 

**TEACHER 2** 

**Thermodynamics** 

**Aromatic** 

chemistry

**Optical** 

isomerism

**Amines** 

**Acids and Bases** 

**Polymers** 

**Transition metals** 

proteins and DNA

Amino acids,

## **Key Terms:**

- Accuracy
- Control variable
- Dependent variable
- Error
- Independent variable
- Precision
- Prediction
- Repeatable
- Reproducible
- Variable

**Exam Specification:** 

**Equilibrium** constant Kp

**TEACHER 2** 

**Period 3 elements** & oxides

**Organic analysis** 

Year 12 **Exams** 

**Group 7(17), the** halogens

Group 2, the alkaline earth

metals

**Periodicity** 

**Alcohols** 

Alkenes

Halogenoalkanes

**Organic** 

synthesis

**TEACHER 1** Year 12

Aldehydes and

ketones

**Atomic** structure **Amount of** substance

**Energetics** 

Chemical equilibria

Redox

Bonding

**Kinetics** 

Introduction to organic chemistry

**Alkanes** 

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**Thermodynamics** 



