

Gordon's School Chemistry Department





Command Words:

Calculate

Compare

Complete

Describe

Determine

Evaluate

Explain

Justify

Predict

Suggest

State

Use

Key Skills:

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



Nuclear magnetic resonance

Revision

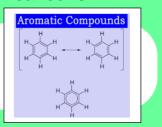
Organic synthesis Amino acids, proteins and DNA

Polymers

Amines

Equilibrium constant Kp

Electrode potentials and electrochemical cells



Year 13 mock exams



Acids and Bases

Transition metals

Reactions of ions in aqueous solution **RP 10**

Rate equations

Aromatic chemistry

Halogenoalkanes



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



Year 13

Aldehydes and

ketones

TEACHER 1

Exams

TEACHER 2

Thermodynamics

Thermodynamics

Carboxylic

acids

Chromatography

Period 3 elements

& oxides

Organic analysis

Making asprin

Year 12

Exams

Alcohols

Group 7(17), the halogens

Alkenes

Group 2, the alkaline earth metals

Periodicity

Optical

isomerism

TEACHER 1

Atomic structure

Review of year 12

practical work

Amount of substance

Energetics

Introduction to organic chemistry

Chemical Redox equilibria

Alkanes



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TEACHER 2

Bonding

Kinetics

