



## Skills

### Mastery in Year 11

- Communicate - Construct longer written answers to exam questions using GCSE level concepts and ideas
- Recap/consolidate - Select revision strategies to link content from across topics
- Plan - Use a revision timetable to prepare for exams

### Mastery in Year 10

- Apply - Use word and balanced symbol equations to represent common reactions at GCSE.
- Analyse - Interpret results in tables and graphs, perform calculations and write conclusions problems.
- Practical - develop practical skills to obtain results from Core Practicals.

### Mastery in Year 9

- Apply - Predict the results of chemical reactions using patterns and theories.
- Recap/consolidate - Recall facts, identify revision techniques and secure knowledge from across the KS3 course.
- Evaluate - Consider the context of results and the validity of data.

### Mastery in Year 8

- Enquire - Describe variables including control variables, describe appropriate method and equipment.
- Problem solving - Plan practical work required to solve problems.
- Evaluate - Consider sources of information for accuracy and reliability.

### Mastery in Year 7

- Enquire - Plan experiments, control variables, write methods, collect results, identify hazards.
- Analyse - Draw results tables, interpret results, draw graphs, interpret graphs.
- Evaluate - Consider the outcomes and write conclusions to experiments.

## Knowledge

