



## Skills

### Mastery in Year 11

- Analyse – draw graphs, analyse data from graphs, analyse hypothesis and validity.
- Communicate – construct explanations, choose appropriate revision methods.
- Apply – confidently use exam scores that allow full access to questions and clear application of content.

### Mastery in Year 10

- Enquire – write methods, plan variables, identify hypotheses, collect results.
- Analyse – extract data from graphs and tables, calculate quantities based on graphs and analyse hypothesis.
- Communicate – construct explanations, write clearly and concisely.

### Mastery in Year 9

- Recall factors – identify revision techniques, remember key definitions, rearrange equations.
- Apply – develop exam skills that allow full access to questions and clear application of context.
- Analyse – discuss limitations of methods, construct explanations.

### Mastery in Year 8

- Communication – Use observations and data to formulate conclusions.
- Analyse – evaluate data, recognise anomalies in data, construct explanations.
- Solve – calculate mean and range, review theories.

### Mastery in Year 7

- Enquire – follow methods, identify hypothesis, collect results, identify hazards and safety precautions.
- Analyse – draw results tables, describe patterns and make conclusions from graphs.
- Structure – to make concise notes in lab books.

## Knowledge

