



## DRAYTON MANOR HIGH SCHOOL

### YEAR 10 & 11 COURSES

**Subject** Combined Science

**Course Level** GCSE  
(2 GCSEs)

**Examining Body** AQA

#### What will I be studying?

##### Knowledge and understanding of the following

Biological understanding of yourself and the environment around you

Chemical and Physical mechanisms that govern our world

Understanding the effects of modern devices and human activities

Energy futures and material choices for people

#### What skills will I develop?

- Practical investigative skills
- Analytical and evaluative abilities
- Scientific writing
- Making informed decisions about scientific issues and technological developments in society
- Understanding safe practice and healthy lifestyle
- Human effects upon the environment and oneself

#### How will the course be structured?

85% Theoretical and 15% Practical

##### Year 1

- Mixture of science modules based on contemporary scientific issues and detailed scientific knowledge
- A thorough basis of all three science disciplines, Biology, Chemistry and Physics
- Practical techniques and use of scientific apparatus

##### Year 2

- The remaining science modules based on contemporary scientific issues and detailed scientific knowledge
- Completion of practical techniques and investigative skills

#### How will I be assessed?

##### Exam

100% written examination papers taken at the end of Year 11 assessing scientific knowledge and understanding across all three disciplines of science, literacy and numeracy skills as well as practical and investigative techniques

Practical skills will be carried out throughout the course and then assessed within the written examinations accounting for 15% of the examination questions.

Numeracy skills are similarly assessed as 20% of the examination questions. Students are expected to recall detailed knowledge of all topics and certain formulae and equations

#### If you have any further questions about taking this course, who should you speak to?

1. Your Science Teacher
2. Science KS4 Coordinator – Mr Murphy
3. Head of Science – Miss Woodward