

# SEPERATE SCIENCES

GCSE Separate Sciences offers students a chance to gain a more in-depth knowledge of Chemistry, Biology and Physics and to build on areas covered in Combined Science in more detail as well as covering extra content. This course is great preparation for studying Science at A level, undergraduate and postgraduate degree level. The aim is to enhance understanding of key scientific concepts, build on topics covered in Combined Science and prepare students to study Science at the next level. Students studying Separate Sciences will have an additional four lessons, and in this time will cover additional content in the following areas;



| Exam Baord                                 | Paper Specification                                  | Subject Type |
|--------------------------------------------|------------------------------------------------------|--------------|
| AQA                                        | Biology - 8461<br>Chemistry - 8462<br>Physics - 8463 | Option       |
| Qualification Awarded                      |                                                      |              |
| GCSE Biology, GCSE Chemistry, GCSE Physics |                                                      |              |

## ASSESSMENT

|           |                                                                                             |
|-----------|---------------------------------------------------------------------------------------------|
| Biology   | <ul style="list-style-type: none"><li>• 2 papers</li><li>• 1 hour 45 minutes each</li></ul> |
| Chemistry | <ul style="list-style-type: none"><li>• 2 papers</li><li>• 1 hour 45 minutes each</li></ul> |
| Physics   | <ul style="list-style-type: none"><li>• 2 papers</li><li>• 1 hour 45 minutes each</li></ul> |

## EXPECTATIONS

Separate Science enhances the understanding of the effects of Science on society and knowledge of the material, physical and living worlds. Additionally, students will further develop how to use hypotheses and evidence to understand Science. During the course, students will deepen their observational, enquiry and problem-solving skills and become adept at communication, mathematics and technology involved in science.

There will also be 24 required practical experiments that students have to complete through-out the course. Aspects of required practical work, including correct use of equipment and analysis of outcome are also assessed in the examinations.