

GCSE Science Courses at Northleigh

With the introduction of the new Science GCSE from 2016, Northleigh will now offer Separate Science GCSE courses in Biology, Chemistry and Physics.

Each is a 2 year course resulting in one GCSE grade 9-1 depending on whether students sit the Foundation (grades 1-5) or Higher (grades 4-9) paper.

All three GCSE courses are 100% exam with no coursework component although as a department we use practical work as much as possible in our lessons.

GCSE Biology <http://www.ocr.org.uk/qualifications/gcse-twenty-first-century-science-suite-biology-b-j257-from-2016/>

Content is split into eight teaching chapters: <ul style="list-style-type: none"> • Chapter B1: You and your genes • Chapter B2: Keeping healthy • Chapter B3: Living together – food and ecosystems • Chapter B4: Using food and controlling growth • Chapter B5: The human body – staying alive • Chapter B6: Life on Earth – past, present and future • Chapter B7: Ideas about Science • Chapter B8: Practical Skills Both papers assess content from all eight chapters.	Breadth in biology J257 90 marks 1 hour 45 minutes Written paper	50% of total GCSE
	Depth in biology J257 90 marks 1 hour 45 minutes Written paper	50% of total GCSE

GCSE Chemistry <http://www.ocr.org.uk/qualifications/gcse-twenty-first-century-science-suite-chemistry-b-j258-from-2016/>

Content is split into eight teaching chapters: <ul style="list-style-type: none"> • Chapter C1: Air and water • Chapter C2: Chemical patterns • Chapter C3: Chemicals of the natural environment • Chapter C4: Material choices • Chapter C5: Chemical analysis • Chapter C6: Making useful chemicals • Chapter C7: Ideas about Science • Chapter C8: Practical Skills Both papers assess content from all eight chapters.	Breadth in chemistry J258 90 marks 1 hour 45 minutes Written paper	50% of total GCSE
	Depth in chemistry J258 90 marks 1 hour 45 minutes Written paper	50% of total GCSE

GCSE Physics <http://www.ocr.org.uk/qualifications/gcse-twenty-first-century-science-suite-physics-b-j259-from-2016/>

Content is split into eight teaching chapters: <ul style="list-style-type: none"> • Chapter P1: Radiation and waves • Chapter P2: Sustainable energy • Chapter P3: Electric circuits • Chapter P4: Explaining motion • Chapter P5: Radioactive materials • Chapter P6: Matter – models and explanations • Chapter P7: Ideas about Science • Chapter P8: Practical Skills Both papers assess content from all eight chapters.	Breadth in physics J259 90 marks 1 hour 45 minutes Written paper	50% of total GCSE
	Depth in physics J259 90 marks 1 hour 45 minutes Written paper	50% of total GCSE