

## Curriculum Map - Science

	Year 7 & 8	Year 9	Year 10	Year 11
<b>Au 1</b>	<b>Forces</b> Maths skills and diagrams	<b>Energy</b> Written analysis and math equations	<b>Atomic Structure</b> Math skills and evaluation of models	<b>Electromagnetism and Space</b> Cause and effect comparison and math skills
<b>Au 2</b>	<b>Genetics</b> Life processes evaluation and diagrams	<b>Cell Biology</b> Diagrams and numerical comparisons	<b>Bioenergetics</b> Writing skills and life-links	<b>Biology Revision</b>
<b>Sp 1</b>	<b>Matter</b> Modelling skills	<b>Electricity</b> Practical skills and problem solving	<b>Forces</b> Investigation and modelling skills	<b>Biology &amp; Physics Revision</b>
<b>Sp 2</b>	<b>Organisms</b> Writing skills and life-links	<b>Particle Model of Matter</b> Use of models and math skills	<b>Homeostasis and Response</b> Investigation and writing skills	<b>Revision</b>
<b>Su 1</b>	<b>Electromagnets</b> Practical skills and math skills	<b>Organisation &amp; Ecology</b> Writing skills and life-links	<b>Waves</b> Modelling skills	<b>Revision</b>
<b>Su 2</b>	<b>Lab Safety</b> Practical safety skills	<b>Infection and Response</b> Writing and comparison skills	<b>Inheritance, Variation and Evolution</b> Comparison skills and diagrams	<b>Exams</b>

### Curriculum Design for Science at Cranbury College

In Science, our curriculum is designed to promote curiosity and to challenge and stretch our students. We aim for all students to leave school with the Science knowledge needed to navigate everyday life, and our subject offer provides ample opportunity for real-world application. Students will develop skills in a variety of ways through written work, practical work, and math work. We aim for our students to become confident in these areas and be able to link the Science they learn to the real-life world.

At Cranbury College, we recognise that for some students Science is a barrier to learning, so we tailor our qualifications to suit the learner. We offer a variety of options, from AQA Unit Awards to the three Single Sciences. We assess our learners throughout their Cranbury journey to ensure they are on a pathway in science which is suited to them and will enable them to fulfil their potential.