Welcome to Science!

Curriculum

<table>
<thead>
<tr>
<th>Year 7 Topics</th>
<th>Year 8 Topics</th>
<th>Year 9 Topics</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Basic Scientific Skills</td>
<td>• Interdependence and Ecology</td>
<td>• Life Processes</td>
</tr>
<tr>
<td>• Acids and Alkalis</td>
<td>• Particles and Reactions</td>
<td>• Waves</td>
</tr>
<tr>
<td>• Basic Principles of Chemistry</td>
<td>• Organ Systems</td>
<td>• Carbon Chemistry</td>
</tr>
<tr>
<td>• Earth and Space</td>
<td>• Forces and Motion</td>
<td>GCSE topics B2 (Keeping Healthy) and C1 (Chemical Patterns)</td>
</tr>
<tr>
<td>• Energy and Electricity</td>
<td>• Electromagnets</td>
<td></td>
</tr>
<tr>
<td>• Cells and Reproduction</td>
<td></td>
<td></td>
</tr>
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Extra-Curricular Opportunities

- KS3 Science Club
- School Trips, such as the Big Bang Event at University of Essex (Year 9)
- JP Morgan Programme (KS3 and KS4 gifted and talented pupils)
- Crest Award (KS4)
- Trewern field course and laboratory practical sessions with CU London University (KS5 Biology)
- Lectures from guest speakers
- Work experience placements at places such as London School of Hygiene and Tropical Medicine

Expectations From Year 7 Students

- Homework will be given every two weeks and must be completed with good effort
- Unit tests will be given at the end of each unit (approximately every two months) and should be revised for independently

Progression Subjects at Key Stage Four

In Year 10 pupils will have the choice to enter either Combined Science or Separate Sciences. Choosing to study Combined Science will study topics across Biology, Chemistry and Physics, with pupils being awarded two GCSEs at the end of Year 11. In contrast, the Separate (or Triple) Science is worth three separate GCSEs in Biology, Chemistry and Physics. Our exam board is OCR 21st Century Science.

Progression Subjects at Key Stage Five

Students can choose to continue their science education in A-level Biology, Chemistry, and/or Physics, as well as Level 3 CTEC Applied Science. Both Combined Science and Separate Science will prepare pupils for any of these courses and successful completion of the A Level/CTEC courses will prepare pupils for a wide variety of careers in STEM (Science, Technology, Engineering and Mathematics).

Progression Post School

- Throughout your time at Robert Clack School your science teachers will educate you about a variety of careers that are available with a science background. We have had much success helping our science students get into their first choice of university programme, including:
- Aeronautical Engineers
- Biochemistry
- Chemical Engineering
- Medicine
- Nursing
- Pharmacy
- Veterinary Science

Year 9 - Food Tests

Year 7 - Using Clamp Stands

Year 7 – Making Accurate Measurements