

Elm Court School

Science Curriculum Overview



Year 7:	Year 8:	Year 9:	Year 10:	Year 11:
<p>Science curricular covering areas from investigation, life processes, materials and physical properties:</p> <ul style="list-style-type: none"> • Cells • Energy Resources • The Solar Systems & Beyond • Acids & Alkalis • Environment & Feeding Relationships • Forces & their Effects • Electrical Circuits • Variation & Classification • Reproduction • Particle Model of Solids, Liquids, Gases • Solutions 	<p>Science curricular covering areas from investigation, life processes, materials and physical properties:</p> <ul style="list-style-type: none"> • Microbes & Disease • Rocks & Weathering • The Rock Cycle • Magnets & Electromagnets • Food & Digestion • Light • Sound & Hearing • Respiration • Ecological Relationships • Atoms & Elements • Compounds & Mixtures • Heating & Cooling 	<p>Science curricular covering areas from investigation, life processes, materials and physical properties.</p> <p>Students also take their Entry Level Science Exams to prepare them for their GCSE</p> <ul style="list-style-type: none"> • Fit & Healthy • Environmental Chemistry • Energy & Electricity • Speeding Up • Inheritance & Selection • Reactions of Metals & Metal Compounds • Patterns of Reactivity • Gravity & Space • Plants & Photosynthesis • Using Chemistry • Pressure & Moments 	<p>Science curricular covering areas from investigation, life processes, materials and physical properties:</p> <p>Programs of Study:</p> <ul style="list-style-type: none"> • Animal and Plant Adaptation • Reproduction • Evolution • New Substances from Crude Oil • Oil from Plants • Electromagnetic Radiation • Radioactivity 	<p>Science curricular covering areas from investigation, life processes, materials and physical properties:</p> <p>Students continue studies working towards a GCSE in Science</p> <p>Programs of Study:</p> <ul style="list-style-type: none"> • Human Impact on the Environment • The Earth • The Universe • Practical Assignments • (practise for Controlled Assessments) • Revision for Examinations

How you can support your child in Science:

Encourage your child to watch Scientific documentaries and nature programmes. Don't forget all those Science video clips on YouTube!! Another great thing to do is, work through different Bitesize Science Activities (internet) and Science Revision Guides & Work Books (homework books). Finally, where possible, take your child to museums and exhibitions in order to deepen their understanding and build their passion for Science 'the wonderful world around them'!

Please keep in touch with the Science section should you feel your child is struggling or needs more challenge – let us know. Emails can be sent to: science@elmcourt.lambeth.sch.uk.