



KS3 Curriculum Overview - Science

Your child will learn about a range of topics in Biology, Chemistry and Physics that will allow them to develop skills to make sense of the world around them.

Term	Year 9
Autumn	Key Stage 3 Science Autumn Term - Inheritance and Genetics - Chemical Reactions - Energy
Spring	Key Stage 3 Science Spring Term - Respiration - Materials - Electricity - Circulatory system and Gas exchange - The Earth and Atmosphere - Electromagnetism and Magnetism
Summer	Key Stage 3 Summer Term - Joints, muscles, the skeleton, and life cycles - Space, the moon, and seasons on earth - Separating techniques - Elements, compounds and mixtures

There will also be lessons on PSHE, study skills, the human body, mathematical skills, metacognition and growth mindset.

Through the study of Science your child will be expected to develop the following knowledge, skills and understanding:

Practical skills in Science	Analytical Skills
- Developing teamwork - Use of specialist equipment, managing risks and hazards, and setting up experiments independently. - Plotting variables accurately, converting metric units, and identifying measurement errors.	- Drawing conclusions from data, spotting anomalies, direct proportions, and inverse relationships in graphs. - Predicting, describing and explaining various physical, chemical and biological phenomena

Parents can support their child by discussing topical Science in the news, asking about what they are doing in Science lessons at school and ensuring that all homework tasks are completed. Please check Google Classroom regularly. Thank you