

Science Year 9 Curriculum Progress Map

Term	Autumn Term	Spring Term	Summer Term
Students will know	- Working and thinking scientifically - Cells - Particle Model and State Change - Forces and Motion - Energy	- Cell systems - Atoms and the periodic table - Waves, sound and Light	- Fertilisation and implantation - Chemical changes - Electricity and Magnetism After the Year 9 exam: GCSE transition topics Chemistry - Chemistry of the atmosphere Physics - Energy resources and their uses Biology - Cell structure and transport
Students will be able to....	- Plan valid investigations - Identify independent, dependent and control variables - Assess risk and working safely - Record data with appropriate precision - Present data with suitable tables and graphs	- Analysing data using patterns in the data. - Evaluate practical methods and suggesting improvements - Explain results using scientific theories and models - Use evidence to support arguments	- Judge the reliability of data - Construct well-reasoned scientific explanations - Communicate ideas using appropriate scientific terminology and conventions.
Key assessments	Two topic tests a term	Two topic tests a term	- Two topic tests a term - End of year exam

Please note that classes will cover topics in a slightly different order to each other in order to help with sharing of equipment for practicals. For further detail, please refer to the textbook via Kerboodle.