



Curriculum Overview: Science



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 7	Introduction to Science Biology – Cell PhysChem – The Earth and Space	Biology – The Skeletal System PhysChem – Matter (solids, liquids and gases)	Biology – The Cardiovascular System Phys/Chem – Separating Substances	Biology – The Digestive System PhysChem – Forces and Their Effects	Biology – The Reproductive System PhysChem – Waves	Disciplinary Skills Science Project
Year 8	Introduction to Year 8 Science Biology – Variation PhysChem – Energy	Biology – Ecosystems PhysChem – Electricity and Currents	Biology – Photosynthesis PhysChem – Atoms, Elements and the Periodic Table	Biology – Microorganisms PhysChem – Acids and Alkalis	Biology – Biomechanics PhysChem – CSI	Disciplinary Skills Science Project
Year 9	Biology – B1 Cell Structure and Transport Physics – P1 Conservation and Dissipation of Energy	Chemistry – C1 Atomic Structure and The Periodic Table	Physics – P2 Heating and Cooling Biology – B2 Cell Division	Biology B3 – Organisation and The Digestive System	Biology B4 – Organisation Animals and Plants Chemistry C8 – Crude Oil and Hydrocarbons	Biology B5 – Communicable Disease Physics P3 – Energy Resources
Year 10	Biology – B6 Non-Communicable and Preventing Disease Chemistry – C4 Chemical Changes Physics – P4 Electricity	Biology – B7 Photosynthesis and Respiration Chemistry – C6 Energy Changes Physics – P5 Matter	Biology – B8 Nervous System and Hormones Chemistry – C7 Rates of Reaction Physics – P6 Radioactivity	Biology – B9 Reproduction Chemistry – C5 Electrolysis Physics – P7 Forces	Biology – B10 Variation and Genetics Chemistry – C8 Crude Oil and Hydrocarbons Physics – P8 Forces and Motion	How Science Works and Year 10 Work Experience
Year 11	Biology – B11 Ecosystems and Adaptations Chemistry – C9 The Atmosphere Physics – P9 Waves	Biology – B12 Biodiversity Chemistry – C10 Resources Physics – P10 Electromagnetism	Biology – Skills and Exam Practice Chemistry – Skills and Exam Practice Physics – Skills and Exam Practice	Biology – Skills and Exam Practice Chemistry – Skills and Exam Practice Physics – Skills and Exam Practice	EXAMS	