

## Science long-term planning

<b>Throughout all units students should develop skills of working scientifically, take part in investigations and practical experiments. Within each unit students will also learn about significant scientists and their discoveries and achievements.</b>						
	<b>Autumn 1</b>	<b>Autumn 2</b>	<b>Spring 1</b>	<b>Spring 2</b>	<b>Summer 1</b>	<b>Summer 2</b>
Year 7	Materials <i>everyday materials</i>	Materials <i>working scientifically lab skills</i>	How things work <i>season changes light</i>	How things work <i>light continued. sound</i>	Living things <i>plants</i>	Living things <i>human body</i>
Year 8	Living things <i>plants continued</i>	Living things <i>habitats &amp; interdependence</i>	Materials <i>Earth and atmosphere</i>	Materials <i>rocks the environment</i>	How things work <i>electricity</i>	How things work <i>forces magnets</i>
Year 9	How things work <i>Earth and space</i>	How things work <i>forces continued waves</i>	Living things <i>human body continued cells</i>	Living things <i>inheritance &amp; genetics adaption and variation</i>	Materials <i>states of matter changing materials</i>	Materials <i>acids and alkalis</i>
Year 10	OCR Entry level biology units or AQA unit award – Human body or AQA unit award – Experiencing learning about the human body		OCR Entry level chemistry units or AQA unit award – Acids and alkalis or AQA unit award – Experiencing learning about the acid and alkalis		OCR Entry level physics units or AQA unit award – Electricity or AQA unit award – Experiencing learning about the electricity	
Year 11	OCR Entry level chemistry units or AQA unit award – Changes of state or AQA unit award – Experiencing learning about the changes of state		OCR Entry level physics units or AQA unit award – Space or AQA unit award – Experiencing learning about the space		OCR Entry level biology units or AQA unit award – Habitats or AQA unit award – Experiencing learning about the habitats	