



## Science Curriculum 2016-17

<b>Autumn Term</b>	
<b>Year group</b>	<b>Topics and Key Learning Points</b>
Year 7	Safety Working Scientifically Biology: Cells Chemistry: Particles and their behaviour Physics: Forces
Year 8	Biology: Health and Lifestyle Chemistry: The Periodic Table Physics: Electricity and magnetism
Year 9	Biology: Cells Chemistry: Atomic structure and the periodic table Physics: Energy
Year 10	Biology: Homeostasis and response/Organisation Chemistry: Rate of chemical change/Atomic Structure/Bonding, Structure and properties of matter Physics: Forces/Energy
Year 11	Biology: Growth and development Chemistry: Chemicals in our environment Physics: Electric circuits Controlled assessment
<b>Spring Term</b>	
<b>Year group</b>	<b>Topics and Key Learning Points</b>
Year 7	Biology: Structure and function of body systems Chemistry: Elements, atoms, and compounds Physics: Sound
Year 8	Biology: Ecosystem processes Chemistry: Separation techniques Physics: Energy
Year 9	Biology: Organisation Chemistry: Bonding, structure and properties of matter Physics: Electricity
Year 10	Biology: Infection and response Chemistry: Bonding, structure and properties of matter Physics: Particle model/ Atomic structure
Year 11	Biology: Brain and mind Chemistry: Chemical synthesis: acids and rates of reaction Physics: Radioactive materials
<b>Summer Term</b>	
<b>Year group</b>	<b>Topics and Key Learning Points</b>
Year 7	Biology: Reproduction Chemistry: Reactions /Acids and Alkalis Physics: Light / Space
Year 8	Biology: Adaptation and inheritance Chemistry: Metals and acids/ The Earth Physics: Motion and pressure
Year 9	Biology: Infection and response

Year 10	Biology: Infection and response Chemistry: Quantitative chemistry Physics: Atomic Structure
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