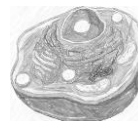






















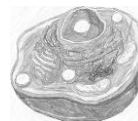
# KS3 Learning Journey



Subject	Autumn HT1	Autumn HT2	Spring HT1
YEAR 7	<ul style="list-style-type: none"><li>Introduction to Working like a Scientist</li><li>The Particle Model</li><li>Cells</li></ul> 	<ul style="list-style-type: none"><li>The Solar System and Universe</li><li>Groups in the Periodic Table</li></ul> 	<ul style="list-style-type: none"><li>Food Chains and Webs</li><li>Measuring Motion and Forces</li></ul> 
YEAR 8	<ul style="list-style-type: none"><li>Working like a Scientist</li><li>Earth's Resources</li><li>Separating Mixtures</li></ul> 	<ul style="list-style-type: none"><li>Causes of Variation</li><li>Manipulating Forces</li></ul> 	<ul style="list-style-type: none"><li>Forming Compounds</li><li>Patterns in Populations</li></ul> 
YEAR 9	<ul style="list-style-type: none"><li>Structure of Matter</li><li>Being Active and Healthy</li><li>Earth's Atmosphere and Climate</li></ul> 	<ul style="list-style-type: none"><li>Understanding the Periodic Table</li><li>Adaptations and Evolution</li></ul> 	<ul style="list-style-type: none"><li>Electromagnetic Forces</li><li>Mass and Energy in Reactions</li></ul> 
Subject	Spring HT2	Summer HT1	Summer HT2
YEAR 7	<ul style="list-style-type: none"><li>Observing Reactions</li></ul> 	<ul style="list-style-type: none"><li>Reproductive System and Fertilisation</li><li>Describing Energy Stores and Waves</li></ul> 	<ul style="list-style-type: none"><li>Patterns in the Periodic Table</li><li>Breathing and Respiration</li></ul> 
YEAR 8	<ul style="list-style-type: none"><li>Measuring Energy and Waves</li></ul> 	<ul style="list-style-type: none"><li>Structure of Matter</li><li>Being Active and Healthy</li></ul> 	<ul style="list-style-type: none"><li>Earth's Atmosphere and Climate</li></ul> 
YEAR 9	<ul style="list-style-type: none"><li>Human Effects on the Environment</li></ul> 	<ul style="list-style-type: none"><li>Energy Transfers in Devices</li><li>Atomic Structure</li></ul> 	<ul style="list-style-type: none"><li>Cell Structure &amp; Transport</li><li>Conservation and Dissipation of Energy</li></ul> 



# KS4 Learning Journey



Subject	Autumn HT1	Autumn HT2	Spring HT1
YEAR 10	<ul style="list-style-type: none"><li>Cell Division</li><li>Organisation and the digestive system</li><li>The periodic table</li><li>Structure and bonding</li><li>Energy transfer by heating</li><li>Energy resources</li></ul>	<ul style="list-style-type: none"><li>Organising animals and plants</li><li>Chemical calculations</li><li>Chemical changes</li><li>Electric circuits</li><li>Electricity in the home</li></ul>	<ul style="list-style-type: none"><li>Communicable diseases</li><li>Electrolysis</li><li>Energy changes</li><li>Molecules and matter</li></ul>
YEAR 11	<ul style="list-style-type: none"><li>Preventing and treating disease</li><li>Non-communicable diseases</li><li>Energy changes</li><li>Rates and equilibrium</li><li>Molecules and matter</li><li>Radioactivity</li></ul>	<ul style="list-style-type: none"><li>Photosynthesis</li><li>Respiration</li><li>The human nervous system</li><li>Crude oil and fuels</li><li>Organic reactions</li><li>Polymers</li><li>Forces in balance</li><li>Motion</li></ul>	<ul style="list-style-type: none"><li>Hormonal coordination</li><li>Homeostasis in action</li><li>Reproduction</li><li>Chemical analysis</li><li>The Earth's atmosphere</li><li>Forces and motion</li><li>Force and pressure</li><li>Wave properties</li></ul>
Subject	Spring HT2	Summer HT1	Summer HT2
YEAR 10	<ul style="list-style-type: none"><li>Preventing and treating disease</li><li>Non-communicable diseases</li><li>Rates and equilibrium</li><li>Radioactivity</li></ul>	<ul style="list-style-type: none"><li>Photosynthesis</li><li>Respiration</li><li>Crude oil and fuels</li><li>Organic reactions</li><li>Forces in balance</li><li>Motion</li></ul>	<ul style="list-style-type: none"><li>The human nervous system</li><li>Hormonal coordination</li><li>Polymers</li><li>Chemical analysis</li><li>Forces and motion</li></ul>
YEAR 11	<ul style="list-style-type: none"><li>Variation and evolution</li><li>Genetics and evolution</li><li>Adaptations, independence, and competition</li><li>The Earth's resources</li><li>Using our resources</li><li>Light</li><li>Electromagnetism</li></ul>	<ul style="list-style-type: none"><li>Organising an ecosystem</li><li>Biodiversity and ecosystems</li><li>Space</li><li>GCSE Exams</li></ul>	<h2>GCSE Exams</h2>