

## Year 9 Summer term 1

Year 9 students are beginning to study towards their GCSEs in science now. They will continue to complete the foundational units from the GCSE curriculum.

	17/04/2023 week 27	24/04/2023 week 28	01/05/2023 week 29	08/05/2023 week 30	15/05/2023 week 31	22/05/2023 week 32
9N1 and 9S1	<b><u>B2 Cells and Control</u></b> <ol style="list-style-type: none"> <li>How do cells divide?</li> <li>How do cells divide and specialise for growth and repair in animals?</li> <li>How do cells divide and specialise for growth and repair in plants?</li> <li>What are stem cells and how are they used in medicine?</li> <li>How does your body transport information around itself quickly?</li> <li>How fast can your body send information through the nerves?</li> </ol>		<b><u>C3&amp;4 Atoms and The Periodic Table</u></b> <ol style="list-style-type: none"> <li>How has the model of the atom changed over time?</li> <li>How do we calculate the number of protons, neutrons and electrons in an atom of an element?</li> <li>What happens to an atom when you change the number of neutrons?</li> <li>How was the periodic table developed?</li> <li>How is the periodic table arranged?</li> <li>Where are the electrons found in the atom, and what is their configuration?</li> </ol>			
9N2 and 9S2	<b><u>P1 Motion</u></b> <ol style="list-style-type: none"> <li>What are vectors and scalars?</li> <li>What information can we get from a distance time graph?</li> <li>What is acceleration?</li> <li>How is acceleration affected by gravity?</li> <li>What information can we get from a velocity time graph?</li> </ol>		<b><u>B2 Cells and Control</u></b> <ol style="list-style-type: none"> <li>How do cells divide?</li> <li>How do cells divide and specialise for growth and repair in animals?</li> <li>How do cells divide and specialise for growth and repair in plants?</li> <li>What are stem cells and how are they used in medicine?</li> <li>How does your body transport information around itself quickly?</li> <li>How fast can your body send information through the nerves?</li> </ol>			
9N3 and 9S3	<b><u>P1 Motion</u></b> <ol style="list-style-type: none"> <li>What are vectors and scalars?</li> <li>What information can we get from a distance time graph?</li> <li>What is acceleration?</li> </ol>		<b><u>B2 Cells and Control</u></b> <ol style="list-style-type: none"> <li>How do cells divide?</li> <li>How do cells divide and specialise for growth and repair in animals?</li> <li>How do cells divide and specialise for growth and repair in plants?</li> <li>What are stem cells and how are they used in medicine?</li> <li>How does your body transport information around itself quickly?</li> </ol>			

	<p>4. How is acceleration affected by gravity?</p> <p>5. What information can we get from a velocity time graph?</p>	<p>6. How fast can your body send information through the nerves?</p>
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