

WK	1 2 3 4 5 6 7 8	9 10 11 12 13 14 15	16 17 18 19 20 21	22 23 24 25 26 27	28 29 30 31 32	33 34 35 36 37 38 39
	Autumn 1	Autumn 2	Spring 3	Spring 4	Summer 5	Summer 6
YEAR 7 -	<p>Content: Students will be introduced to key scientific and numeracy skills in our first topic, "I'm a scientist". Students will also learn about fundamental ideas in science in the 'Particle model', 'Cells' and 'Electricity' topics.</p> <p>Assessment: Fortnightly in-book assessed tasks</p>	<p>Content: Students will learn about 'Separating mixtures' and the science behind 'Human reproduction'.</p> <p>Assessment: Fortnightly in-book assessed tasks and end of term tests covering all concepts learnt in the Autumn term</p>	<p>Content: Students will learn about 'Speed', the differences between 'Acids and alkalis' and how they react and 'Light and sound'.</p> <p>Assessment: Fortnightly in-book assessed tasks</p>	<p>Content: Students will continue to learn about 'Light and sound' and how 'Movement' happens in the body.</p> <p>Assessment: Fortnightly in-book assessed tasks and end of term tests covering all concepts learnt in the Spring term</p>	<p>Content: Students will learn about the effects of 'Gravity', differences between 'Metals and non-metals' and 'Energy costs'.</p> <p>Assessment: Fortnightly in-book assessed tasks</p>	<p>Content: Students will learn about 'Chemical energy' and the processes of 'Photosynthesis' and 'Respiration'.</p> <p>Assessment: Fortnightly in-book assessed tasks</p>
YEAR 8 -	<p>Content: Students will learn about the 'Universe', 'Elements' in the 'Periodic table', how 'Breathing' is controlled and the effects of 'Contact forces'.</p> <p>Assessment: Fortnightly in-book assessed tasks</p>	<p>Content: Students will learn about the process of 'Digestion' and the effects of 'Magnetism'.</p> <p>Assessment: Fortnightly in-book assessed tasks and end of term tests covering all concepts learnt in the Autumn term</p>	<p>Content: Students will learn about 'Energy transfers', 'Variation' in organisms and its causes and 'Interdependence' of living things.</p> <p>Assessment: Fortnightly in-book assessed tasks and end of term tests covering all concepts learnt in the Summer term</p>	<p>Content: Students will learn about 'Climate' and 'Types of reaction'.</p> <p>Assessment: Fortnightly in-book assessed tasks and end of term tests covering all concepts learnt in the Spring term</p>	<p>Content: Students will learn about the mechanisms of 'Inheritance', 'Wave effects and properties' and 'Earth's resources'.</p> <p>Assessment: Fortnightly in-book assessed tasks</p>	<p>Content: Students will learn about 'Evolution' and will work on a 'Prep for KS4' topic to build the key skills needed for the start to GCSE in year 9.</p> <p>Assessment: Fortnightly in-book assessed tasks and end of term tests covering all concepts learnt in the Spring term,</p>
YEAR 9 -	<p>Content: Students cover the topics: B1 T1 Cell Biology C1 T1 Atomic Structure</p> <p>Assessment: Low Stakes – Tassomai Homework High Stakes – End of topic tests</p>	<p>Content: Students cover the topics: C1 T2 Bonding and Structure P1 T1 Energy</p> <p>Assessment: Low Stakes – Tassomai Homework High Stakes – End of topic tests</p>	<p>Content: Students cover the topics: C1 T3 Quantitative Chemistry C1 T4 Chemical Changes</p> <p>Assessment: Low Stakes – Tassomai Homework High Stakes – End of topic tests</p>	<p>Content: Students cover the topics: B1 T2 Organisation P1 T2 Electricity</p> <p>Assessment: Low Stakes – Tassomai Homework High Stakes – End of topic tests</p>	<p>Content: Students cover the topics: P1 T3 Particle Model C1 T5 Energy Changes</p> <p>Assessment: Low Stakes – Tassomai Homework High Stakes – End of topic tests</p>	<p>Content: Students cover the topics: Exam Preparation B1 T3 Infection</p> <p>Assessment: Low Stakes – Tassomai Homework High Stakes – End of topic tests Y9 Mock Exam on Chemistry Unit 1</p>
YEAR 10 -	<p>Content: Students cover the topics: C2 T6 Rates of Reaction C2 T7 Organic Chemistry P1 T4 Structure of Atom</p> <p>Assessment: Low Stakes – Tassomai Homework High Stakes – End of topic tests</p>	<p>Content: Students cover the topics: C2 T8 Chemical Analysis C2 T9 Chemistry of the Atmosphere B1 T4 Bioenergetics C2 10 Resources</p> <p>Assessment: Low Stakes – Tassomai Homework High Stakes – End of topic tests</p>	<p>Content: Students cover the topics: Exam Preparation B2 T5 Homeostasis</p> <p>Assessment: Y10 Mock Exams on Chemistry Units 1 & 2. Biology Unit 1, and Physics Unit 1.</p>	<p>Content: Students cover the topics: P2 T5 Forces Mastery and overlearning of the Chemistry topics Chemistry Exam Preparation</p> <p>Assessment: Low Stakes – Tassomai Homework High Stakes – End of topic tests</p>	<p>Content: Students cover the topics: Chemistry Exam Preparation</p> <p>Assessment: Unit 1 Chemistry formal GCSE Exam</p>	<p>Content: Students cover the topics: Chemistry Exam Preparation B2 T6 Evolution P2 T6 Waves</p> <p>Assessment: Unit 2 Chemistry Exam formal GCSE Exam</p>
YEAR 11 -	<p>Content: Students cover the topics: P2 T7 Magnetism B2 T7 Ecology P2 T8 Space</p> <p>Assessment: Low Stakes – Tassomai Homework High Stakes – End of topic tests</p>	<p>Content: Students cover the topics: Mastery and overlearning of the Biology Biology Exam Preparation Physics Exam Preparation</p> <p>Assessment: Y11 Mock Exams on Biology and Physics Units 1 & 2.</p>	<p>Content: Students cover the topics: Mastery and overlearning of the Biology topics Biology Exam Preparation Physics Exam Preparation</p> <p>Assessment: Low Stakes – Tassomai Homework High Stakes – Exam practice questions</p>	<p>Content: Students cover the topics: Mastery and overlearning of the Biology topics Biology Exam Preparation Physics Exam Preparation</p> <p>Assessment: Y11 Mock Exams on Biology and Physics Units 1 & 2.</p>	<p>Content: Exam Revision and Preparation Sessions.</p>	<p>Formal GCSE Exams start from</p>

Key

B= Biology units

C= Chemisty units

P= Physics units

T = Topic