

		HT1	HT2	HT3	HT4	HT5	HT6
Y12	MEKH (5 hours/ fortnight)	<b>Lifestyle, Health and Risk</b> Topic 1 <ul style="list-style-type: none"> <li>Biological Molecules. Food &amp; Health</li> <li>The Heart &amp; Circulation System</li> <li>CP 1- Caffeine</li> </ul>	<b>Lifestyle, Health and Risk</b> Topic 1 <ul style="list-style-type: none"> <li>The Heart &amp; Circulation System</li> <li>Cardiovascular Disease &amp; Epidemiology</li> <li>CP 2- Vit C</li> </ul>	<b>Biodiversity and Natural Resource</b> Topic 4 <ul style="list-style-type: none"> <li>Plant structures</li> <li>CP 6- Plant Microscopy</li> <li>CP 8- Tensile strength</li> <li>CP 7- Mineral deficiency</li> <li>Drug Testing and Bacterial Growth</li> <li>CP 9- Antimicrobial plants</li> </ul>	<b>Biodiversity and Natural Resources</b> Topic 4 <ul style="list-style-type: none"> <li>Biodiversity, Evolution &amp; Conservation</li> </ul>	<b>Revision and Maths Skills</b>	<b>Revision</b>  AS Exams  <b>Y13 topic 6: Micro-organisms</b>
	SASH (4 hours/ fortnight)	<b>Genes and Health</b> Topic 2 <ul style="list-style-type: none"> <li>Cell membranes</li> <li>CP 3- Membranes</li> <li>Proteins &amp; Enzymes</li> <li>CP 4- Enzyme &amp; Substrate concentrations</li> </ul>	<b>Genes and Health</b> Topic 2 <ul style="list-style-type: none"> <li>DNA &amp; Protein Synthesis</li> <li>Inheritance and Cystic Fibrosis</li> </ul>	<b>Voice of the Genome</b> Topic 3 <ul style="list-style-type: none"> <li>Cell structures &amp; division</li> <li>CP 5- Mitosis in Root tip squash</li> <li>Reproduction</li> </ul>	<b>Voice of the Genome</b> Topic 3 <ul style="list-style-type: none"> <li>Stem cells and Epigenetics</li> </ul>	<b>Revision and Data analysis Skills</b>	<b>Revision</b>  AS Exams  <b>Y13 topic 5: Ecology</b> CP 10 Ecology fieldwork

Y13	SASH (5 hours/ fortnight)	<b>On the Wild Side</b> Topic 5 <ul style="list-style-type: none"> <li>Photosynthesis</li> <li>CP 11- Hill Reaction</li> </ul>	<b>On the Wild Side</b> Topic 5 <ul style="list-style-type: none"> <li>Global Warming</li> <li>CP 12- Q10</li> <li>CP 13- Brine Shrimp</li> <li>Evolution</li> </ul>	<b>Grey Matter</b> Topic 8 <ul style="list-style-type: none"> <li>Brain structure &amp; development</li> <li>CP 18 - Habituation</li> <li>Nervous and hormonal response</li> </ul>	<b>Grey Matter</b> Topic 8 <ul style="list-style-type: none"> <li>Chemical changes in the Brain</li> </ul>	<b>Revision</b>  <b>Scientific Article Preparation</b>	<b>Final Exams</b>
	MEKH (4 hours/ fortnight)	<b>Infection, Immunity and Disease</b> Topic 6 <ul style="list-style-type: none"> <li>The immune system</li> </ul>	<b>Infection, Immunity and Disease</b> Topic 6 <ul style="list-style-type: none"> <li>Use of Microbes</li> <li>CP 15- Antibiotic resistance</li> <li>DNA uses</li> <li>CP 14- Gel electrophoresis</li> </ul>	<b>Run for your Life</b> Topic 7 <ul style="list-style-type: none"> <li>Respiration</li> <li>CP 16- Respiration</li> <li>Muscle Contraction and movement</li> </ul>	<b>Run for your Life</b> Topic 7 <ul style="list-style-type: none"> <li>Homeostasis</li> <li>CP 17- Spirometer</li> <li>Use and misuse</li> </ul>	<b>Revision</b>  <b>Scientific Article Preparation</b>	<b>Final Exams</b>