



## SCIENCE YEAR PLANNER (LTP) YEAR 10 BIOLOGY TRIPLE



Term	Learning content/skills	Assessment Schedule*	Home Learning Support (How students can extend learning in addition to homework)
Autumn 1	<b>4.2 Organisation</b> <ul style="list-style-type: none"><li>4.2.2 Animal Tissues, organs and systems</li></ul>	4.2a Organisation - mid topic test	<ul style="list-style-type: none"><li>Doddle</li><li>Purchase of relevant revision guide</li><li>BBC Bitesize</li></ul>
Autumn 2	<b>4.2 Organisation</b> <ul style="list-style-type: none"><li>4.2.3 Plant tissues, organs and systems</li></ul> <b>4.3 Infection and Response</b> <ul style="list-style-type: none"><li>4.3.1 Communicable diseases</li></ul>	4.2b Organisation – end of unit test	<ul style="list-style-type: none"><li>Doddle</li></ul>
Spring 1	<b>4.3 Infection and Response</b> <ul style="list-style-type: none"><li>4.3.2 Monoclonal antibodies</li><li>4.3.3 Plant disease</li></ul>	4.3 Infection and response – end of unit test	<ul style="list-style-type: none"><li>Doddle</li></ul>

\*All assessments may be subject to alteration to best suit the learning needs of students.

<b>Spring 2</b>	<b>4.4 Bioenergetics</b> <ul style="list-style-type: none"> <li>• 4.4.1 Photosynthesis</li> <li>• 4.4.2 Respiration</li> </ul>	4.4 Bioenergetics – end of unit test	<ul style="list-style-type: none"> <li>• Doodle</li> </ul>
<b>Summer 1</b>	<b>4.5 Homeostasis and response</b> <ul style="list-style-type: none"> <li>• 4.5.1 Homeostasis</li> <li>• 4.5.2 Human Nervous System</li> <li>• 4.5.3 Hormonal co-ordination in humans</li> <li>• 4.5.4 Plant Hormones</li> </ul> Preparation for Year 10 exams	4.5a Homeostasis and nervous system – mid topic test  4.5b Hormonal control – end of topic test	<ul style="list-style-type: none"> <li>• Doodle</li> </ul>
<b>Summer 2</b>	<b>4.6 Inheritance, variation and evolution</b> <ul style="list-style-type: none"> <li>• 4.6.1 Reproduction</li> <li>• 4.6.2 Variation and evolution</li> </ul>	Year 10 PPE – Paper 1  4.6a Inheritance and reproduction – mid topic test	<ul style="list-style-type: none"> <li>• Doodle</li> </ul>