



SCIENCE YEAR PLANNER (LTP)

YEAR 12 AS Biology



Term	Teacher	Learning content/skills	Assessment schedule	Home Learning Support (How students can extend learning in addition to homework)
Autumn 1	Teacher 1	Module 2 Foundations in Biology <ul style="list-style-type: none">2.1.1 Cell Structure2.1.5 Biological Membranes	For each unit: <ul style="list-style-type: none">Common Assessed TaskStandard HomeworkUnit Test PAG 5 Transport (2.1.5) PAG 8 Water potential (2.1.5)	Resources on Firefly
	Teacher 2	Module 3 Exchange and Transport <ul style="list-style-type: none">3.1.1 Exchange surfaces3.1.2 Transport in Animals	For each unit: <ul style="list-style-type: none">Common Assessed TaskStandard HomeworkUnit Test PAG 1 Lung tissues (3.1.1) PAG 2 Heart dissection (3.1.2)	Resources on Firefly
Autumn 2	Teacher 1	Module 2 Foundations in Biology <ul style="list-style-type: none">2.1.6 Cell division, diversity and organisation	For each unit: <ul style="list-style-type: none">Common Assessed TaskStandard HomeworkUnit Test PPE exams	Resources on Firefly
	Teacher 2	Module 3 Exchange and Transport <ul style="list-style-type: none">3.1.3 Transport in Plants	For each unit: <ul style="list-style-type: none">Common Assessed TaskStandard HomeworkUnit Test PPE exams	Resources on Firefly

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

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Spring 1	Teacher 1	Module 1 Foundations in Biology <ul style="list-style-type: none"> • 2.1.2 Biological Molecules 	For each unit: <ul style="list-style-type: none"> • Common Assessed Task • Standard Homework • Unit Test PAG 9 Qualitative testing (2.1.2)	Resources on Firefly
	Teacher 2	Module 4 Biodiversity, evolution & disease <ul style="list-style-type: none"> • 4.1.1 Communicable diseases & the immune system 	For each unit: <ul style="list-style-type: none"> • Common Assessed Task • Standard Homework • Unit Test 	Resources on Firefly
Spring 2	Teacher 1	Module 1 Foundations in Biology <ul style="list-style-type: none"> • 2.1.3 Nucleotides and nucleic acids • 2.1.4 Enzymes 	For each unit: <ul style="list-style-type: none"> • Common Assessed Task • Standard Homework • Unit Test PAG 10 Computer modelling (2.1.3) PAG 4 Effect of substrate concentration on enzyme (2.1.4)	Resources on Firefly
	Teacher 2	Module 4 Biodiversity, evolution & disease <ul style="list-style-type: none"> • 4.1.1 Communicable diseases & the immune system 	For each unit: <ul style="list-style-type: none"> • Common Assessed Task • Standard Homework • Unit Test 	Resources on Firefly

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Summer 1	Teacher 1	Module 4 Biodiversity, evolution & disease <ul style="list-style-type: none"> • 4.2.1 Biodiversity Year 13 PAG	For each unit: <ul style="list-style-type: none"> • Common Assessed Task • Standard Homework • Unit Test PPE exams PAG 3 Sampling (4.2.1) PAG 12 Research skills (5.2.2)	Resources on Firefly
	Teacher 2	Module 4 Biodiversity, evolution & disease <ul style="list-style-type: none"> • 4.2.2 Classification and evolution Year 13 PAG	For each unit: <ul style="list-style-type: none"> • Common Assessed Task • Standard Homework • Unit Test PPE exams PAG 11 Pulse rate (5.1.5)	Resources on Firefly
Summer 2	Teacher 1	Module 5 Communication, homeostasis and energy <ul style="list-style-type: none"> • 5.1.3 Neuronal control 	For each unit: <ul style="list-style-type: none"> • Common Assessed Task • Standard Homework • Unit Test 	Resources on Firefly
	Teacher 2	Module 5 Communication, homeostasis and energy <ul style="list-style-type: none"> • 5.1.1 Communication and homeostasis • 5.1.4 Hormonal Communication 	For each unit: <ul style="list-style-type: none"> • Common Assessed Task • Standard Homework • Unit Test 	Resources on Firefly