

Biology GCSE Skills and Knowledge Personalised Learning Checklists (PLC)

Triple Biology : 2 exams Unit 1 & 2 45% each and 10% practical January of Year 11							
Double Award Biology : 2 exams worth 15% each and practical exam worth 10%							
RAG rating (S=student T=Teacher)		Red Weak		Amber To improve		Green Strong	
		S	T	S	T	S	T
Define: Provide a word or phrase							
State/Name: Give the name							
Calculate: Using numbers given to work out answers.							
Describe: write about a thing, event or process without giving reasons why it happens.							
Explain: give a written reason why something has that shape/why something happened/the cause of an event.							
Evaluate: compare the evidence for and against something, using your knowledge and the information in the question.							
Compare: writing about similarities & differences between things.							
Suggest: give a possible reason/cause/explanation for an event/structure based on your knowledge and the information in the question.							
UNIT 1 -CELLS, ORGAN SYSTEMS AND ECOSYSTEMS.							
1.1- Cells and movement across membranes.							
1.2 Respiration and the respiratory system in humans							
1.3 Digestion and the digestive system in humans.							
1.4 Circulatory system in humans.							
1.5 Plants and photosynthesis. (Transpiration in Triple)							
1.6 Ecosystems, nutrient cycles and human impact on the environment.							
UNIT 2: VARIATION, HOMEOSTASIS AND MICRO-ORGANISMS							
2.1 Classification and biodiversity							
2.2 Cell division and stem cells.							
2.3 DNA and inheritance.							
2.4 Variation and evolution.							
2.5 Response and regulation.							
2.6 Kidneys and homeostasis (Triple only)							
2.7 Micro-organisms and their applications. (Triple only)							
2.8 Disease, defence and treatment.							