

Biology - Year 8 Term 1

Biology - Year 8 Term 1		
Expectations	Classwork, homework and assessments shows student has knowledge of	
	Organisms 1 – respiratory system	Organisms 2 - gas exchange; breathing and lifestyle
	Aerobic and Anaerobic Respiration – glucose, oxygen, mitochondria, energy, lactic acid	Photosynthesis 2 – chlorophyll, chloroplasts, leaf, light, chemical reaction
Developing	Students should be able to demonstrate knowledge and understanding of the above by recalling and stating. They are able to name or state key facts but are yet to show evidence of consistently applying this to a new situation. <i>For example students can label the respiratory and digestive systems but cannot describe their functions.</i>	
Secure	Students should be able to apply their knowledge and understanding to familiar or novel contexts by describing and explaining. They are able to recall facts from the topics listed above and use them for new situations but are yet to show evidence of linking different parts of the Biology syllabus together. <i>For example, students can describe the functions of the respiratory systems but cannot describe how the functions link to respiration.</i>	
Complex	Students should apply their knowledge synoptically, linking two or more concepts. Students should be able to evaluate, conclude and improve procedures. They are able to consistently show evidence of this in both their class discussions and written work. <i>For example, students are able to describe the functions of the respiratory system and link this with photosynthesis, and then describe the mutualistic relationship between plants and animals.</i>	