



Student Cycle Overview

***Excellence.
No Excuses.***

The subject content for this achievement cycle is shown below.

At the end of the achievement cycle there will be an **assessment** of this material.

You should keep an organised file of notes to help you revise and prepare.

Achievement Cycle 2	Science	Year 11	Tiers 1/2/3
Code	Description		
S11.2.1	Sexual and asexual reproduction		
S11.2.2	Meiosis		
S11.2.3	Advantages and disadvantages of sexual and asexual reproduction		
S11.2.4	DNA and the genome		
S11.2.5	DNA Structure		
S11.2.6	Genetic Inheritance		
S11.2.7	Inherited disorders		
S11.2.8	Sex determination		
S11.2.9	Variation		
S11.2.10	Evolution		
S11.2.11	Selective Breeding		
S11.2.12	Genetic engineering		
S11.2.13	Cloning		
S11.2.14	Theory of Evolution		
S11.2.15	Speciation		



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Achievement Cycle 2	Science	Year 11	Tiers 1/2/3
Code	Description		
S11.2.17	Evidence for evolution		
S11.2.18	Fossils		
S11.2.19	Extinction		
S11.2.20	Resistant bacteria		
S11.2.21	Classification		
S11.2.22	Principles of Organisation		
S11.2.23	The human digestive system		
S11.2.24	The heart and blood vessels		
S11.2.25	Blood		
S11.2.26	Coronary heart disease: a non-communicable disease		
S11.2.27	Health issues		
S11.2.28	The effect of lifestyle on some non-communicable diseases		
S11.2.29	Cancer		
S11.2.30	Plant tissues		
S11.2.31	Plant organ system		



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Achievement Cycle 2	Science	Year 11	Tiers 4/5/6/7
Code	Description		
S11.2.1	Sexual and asexual reproduction		
S11.2.2	Meiosis		
S11.2.4	DNA and the genome		
S11.2.6	Genetic Inheritance		
S11.2.7	Inherited disorders		
S11.2.8	Sex determination		
S11.2.9	Variation		
S11.2.10	Evolution		
S11.2.11	Selective Breeding		
S11.2.12	Genetic engineering		
S11.2.17	Evidence for evolution		
S11.2.18	Fossils		
S11.2.19	Extinction		
S11.2.20	Resistant bacteria		
S11.2.21	Classification		
S11.2.22	Principles of Organisation		
S11.2.23	The human digestive system		
S11.2.24	The heart and blood vessels		
S11.2.25	Blood		
S11.2.26	Coronary heart disease: a non-communicable disease		
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S11.2.30	Plant tissues		
S11.2.31	Plant organ system		