Edexcel International GCSE Biology 4BI1 Learning Plan

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| **Unit: 5. Variation and Selection** | | **Chapter: 19. Natural Selection and Evolution** | | **Hours: 2** |
| Content coverage | Learning outcomes | Resources | Assessment | |
| **Section 3: Reproduction and inheritance**  **b)** Inheritance | **3.38** explain Darwin’s theory of evolution by natural selection  **3.39** understand how resistance to antibiotics can increase in bacterial populations, and appreciate how such an increase can lead to infections being difficult to control. | Video: Biology – Section 3 – Lesson 5 – Natural Selection and Evolution  Powerpoint: Biology - Section 3 – Lesson 5  Textbook pages:  261 – The work of Charles Darwin  263 – Some examples of how natural selection might have worked  264 – Can we observe natural selection in action?  265 – Pesticide resistance in insects | Page 266 – 267 Qs. 1 to 9  Textbook Answers (PDF)  Chapter 19 - exam question - pdf  Chapter 19 - exam question mark scheme – pdf  Chapter 19 - Talking paper video | |

Videos – [www.igcsesciencecourses.com](http://www.igcsesciencecourses.com)

Textbook Ref: Edexcel International GCSE (9-1) Biology Student Book - Pearson (Bradfield and Potter)