Edexcel International GCSE Biology 4BI1 Learning Plan

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| **Unit: 2. Animal Physiology** | | **Chapter: 9. Reproduction in Humans** | | **Hours: 6** |
| Content coverage | Learning outcomes | Resources | Assessment | |
| **Section 3: Reproduction and inheritance**  **a)** Reproduction | 3.1 understand the differences between sexual and asexual reproduction  **3.2** understand that fertilisation involves the fusion of a male and female gamete to produce a zygote that undergoes cell division and develops into an embryo  **3.8** understand how the structure of the male and female reproductive systems are adapted for their functions  **3.9** understand the roles of oestrogen and progesterone in the menstrual cycle  **3.10B understand the roles of FSH and LH in the menstrual cycle**  **3.13** understand the roles of oestrogen and testosterone in the development of secondary sexual characteristics.  **3.11** describe the role of the placenta in the nutrition of the developing embryo  **3.12** understand how the developing embryo is protected by amniotic fluid. | Video: Biology Section 3 – Lesson 1 – Reproduction (flowering plants) – start to 04:30  Biology Section 3 – Lesson 2 – Reproduction – Humans.  Powerpoint: Biology Section 3 Lesson 1 – Slides 1 to 20. Biology Section 3 Lesson 2.  Textbook pages:  118 – Sexual and asexual reproduction compared  121 – Reproduction in humans  123 – Hormones controlling reproduction | Page 126 – 129 Qs. 1 to 10  Pages 130 – 133. End of Unit Questions 1 to 8  Textbook Answers (PDF)  End of Unit Textbook Answers (PDF)  Chapter 9 - exam question - pdf  Chapter 9 - exam question mark scheme – pdf  Chapter 9 - 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)