Edexcel iGCSE Biology 4BI0 Learning Plan

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| **Section D15: Human Influences on the Environment** |
| Specification | Resources | Assessment |
| 4.11 understand the biological consequences of pollution of air by sulfur dioxide and by carbon monoxide 4.12 understand that water vapour, carbon dioxide, nitrous oxide, methane and CFCs are greenhouse gases 4.13 understand how human activities contribute to greenhouse gases 4.14 understand how an increase in greenhouse gases results in an enhanced greenhouse effect and that this may lead to global warming and its consequences **4.15 understand the biological consequences of pollution of water by sewage, including increases in the number of micro-organisms causing depletion of oxygen** 4.16 understand that eutrophication can result from leached minerals from fertiliser 4.17 understand the effects of deforestation, including leaching, soil erosion, disturbance of the water cycle and of the balance in atmospheric oxygen and carbon dioxide. | Video: Biology Section 4 – Lesson 4 – The Effects of Human Activity on the EnvironmentPowerpoint: Biology Section 4 – Lesson 4 Textbook: Chapter 15: Human influences on the EnvironmentPage 165 – Modern agriculture – producing the food we need.Page 170 – the consequences of our actions.Page 175 – Pesticide pollutionPage 177 – End of Chapter ChecklistChapter 15 Human Influences on the Environment - Student checklist.docDVD Revision check list<http://biology-igcse.weebly.com/human-influences.html><http://biology-igcse.weebly.com/deforestation.html><http://biology-igcse.weebly.com/water-pollution.html><http://biology-igcse.weebly.com/air-pollution.html><http://biology-igcse.weebly.com/greenhouse-gases.html><http://biology-igcse.weebly.com/pesticides-nuclear-fallout.html><http://biology-igcse.weebly.com/-conservation-recycling-sewage.html>  | TextbookPages 177 to 178 – Questions 1 to 6Chapter D15 - Textbook Answers (PDF)End of Section D Questions 1 to 6End of Section D Answers to Questions. pdfDVD Multiple choice testSection D15 - exam question - pdfSection D15 - exam question mark scheme – pdfTalking paper video – Section D15 – Human Influences on the Environment |

Videos – www.igcsesciencecourses.com

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

DVD Video Clips – see resource DVD in textbook.