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 Environment  Powerpoint: Biology Section 4 – Lesson 4  Textbook: Chapter 15: Human influences on the Environment  Page 165 – Modern agriculture – producing the food we need.  Page 170 – the consequences of our actions.  Page 175 – Pesticide pollution  Page 177 – End of Chapter Checklist  Chapter 15 Human Influences on the Environment - Student checklist.doc  DVD 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> | Textbook  Pages 177 to 178 – Questions 1 to 6  Chapter D15 - Textbook Answers (PDF)  End of Section D Questions 1 to 6  End of Section D Answers to Questions. pdf  DVD Multiple choice test  Section D15 - exam question - pdf  Section D15 - exam question mark scheme – pdf  Talking 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.