Edexcel International GCSE Biology 4BI1 Learning Plan

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| **Unit: 3. Plant Physiology** | | **Chapter: 12. Chemical Coordination in Plants** | | **Hours: 2** |
| Content coverage | Learning outcomes | Resources | Assessment | |
| **Section 2: Structures and functions in living organisms**  **j)** Coordination and response | **2.83** understand that plants respond to stimuli  **2.84** describe the geotropic and phototropic responses of roots and stems  **2.85** understand the role of auxin in the phototropic response of stems. | Video: Biology – Section 2 – Lesson 7 – Coordination and Response – 07:30 to 16:30  Powerpoint: Biology Section 2 – Lesson 7 – slides 25 to 46  Textbook pages:  168 – Tropisms  169 – Detecting the light stimulus – plant hormones | Page 172 – 173 Qs 1 to 8  Textbook Answers (PDF)  Chapter 12 - exam question - pdf  Chapter 12 - exam question mark scheme – pdf  Chapter 12 - 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)