# Earth and Environmental Science Year 11 Scope and Sequence

**Term 1**

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| Weeks 1-4 | Weeks 5-7 | Weeks 8 -10 |
| Module 1: Earth’s resources  IQ1 Structure of the Earth  IQ3 Geological timescale | **Module 1: Earth’s resources**  IQ2 Rocks, minerals and the rock cycle  IQ4 Geological Resources | **Module 2: Plate tectonics**  IQ1 Evidence for the theory of plate tectonics |
| EES11/12-1, 11/12-2, 11/12-3, 11/12-4, 11/12-5, 11/12-7, 11-8 | EES11/12-2, 11/12-3, 11/12-4, 11/12-5, 12/11-8 | EES11/12-1, 11/12-2, 11/12-3, 11/12-4, 11/12-5, 11/12-7, 11-9 |
| Task 1 Depth Study (4 hours) allocated to developing skills in practical investigations |  |  |

**Term 2**

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| Weeks 1-2 | Weeks 3-4 | Weeks 5-10 |
| Module 2: Plate tectonics  IQ2 Plate boundaries  IQ3 Tectonic structures | **Depth Study** | **Module 3: Energy Transformations**  IQ1 Energy and Earth’s processes  IQ2 Eathquakes, volcanoes and mountains |
| EES11/12-1, 11/12-2, 11/12-3, 11/12-4, 11/12-5, 11/12-7, 11-9 | EES11/12-1, 11/12-2, 11/12-4, 11/12-5, 11/12-6, 11/12-7, 11-9 | EES11/12-5, 11/12-6, 11/12-7, 11-10 |
|  | **Task 2: depth study (6 hours) Modelling** |  |

**Term 3**

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| Weeks 1-2 | Week 3-6 | Week 7 | Weeks 8-10 |
| **Module 3 Energy Transformations**  IQ3 Transformations | **Module 4 Human Impacts**  IQ1 Water management  IQ2 Salinity and erosion | **Examination Week** | **Module 4 Human Impacts**  IQ3 Introduced species  **Consolidation and depth study** |
| EES11/12-5, 11/12-6, 11/12-7, 11-10 | EES11/12-1, 11/12-2, 11/12-3, 11-11 |  | EES11/12-1, 11/12-2, 11/12-3, 11/12-4, 11/12-5, 11/12-6, 11/12-7, 11-11 |
|  |  | **Task 3 Formal Examination** | **DS (5 hours) non assessable** |

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