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# Sample Scope and Sequence: Earth and Environmental Science – Year 12

***Sample for implementation for Year 12 from Term 4, 2018***

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| **Term 4** | **Week 1** | **Week 2** | **Week 3** | **Week 4** | **Week 5** | **Week 6** | **Week 7** | **Week 8** | **Week 9** | **Week 10** |
| **Module 5: Earth’s Processes**  Students investigate the evidence for changes that have occurred in the geosphere, atmosphere, hydrosphere and biosphere. | | | | | | | | | |
| EES11/12-1, EES11/12-2, EES11/12-3, EES11/12-5, EES11/12-6, EES11/12-7, EES12-12 | | | | | | | | | |

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| **Term 1** | **Week 1** | **Week 2** | **Week 3** | **Week 4** | **Week 5** | **Week 6** | **Week 7** | **Week 8** | **Week 9** | **Week 10** |
| **Module 6: Hazards**  Students explore the use, development and analysis of seismic data in order to examine significant seismic events and consider whether we as humans have the capacity to disaster-proof the planet. | | | | | | | | | |
| **Depth Study: 15 hours -** Can we disaster proof the planet? | | | | | | | | | |
| EES11/12-1, EES11/12-2, EES11/12-3, EES11/12-4, EES11/12-5, EES11/12-6, EES11/12-7, EES12-13 | | | | | | | | | |

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| **Term 2** | **Week 1** | **Week 2** | **Week 3** | **Week 4** | **Week 5** | **Week 6** | **Week 7** | **Week 8** | **Week 9** | **Week 10** |
| **Module 7: Climate Science**  Students analyse the natural processes and human influences on the Earth, including the scientific evidence for changes in climate over time. | | | | | | | | | |
| EES11/12-1, EES11/12-6, EES11/12-7, EES11/12-14 | | | | | | | | | |

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| **Term 3** | **Week 1** | **Week 2** | **Week 3** | **Week 4** | **Week 5** | **Week 6** | **Week 7** | **Week 8** | **Week 9** | **Week 10** |
| **Module 8: Resource Management**  Students examine how the extraction and disposal of waste can greatly impact on the surrounding environment, affecting the quality and availability of renewable resources such as water and living organisms. | | | | | | | | | |
| EES11/12-5, EES11/12-6, EES11/12-7, EES12-13 | | | | | | | | | |