

Scope and Sequence Year 12 Earth and Environmental Science 2018

Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10
6-10 Aug 4 lessons	13-17 August 2 lesson	20-24 August 4	27-31 August 2	27-31 August 4	10-14 Sept 2	17-21 Sep 4	24-28 Sep 2 lessons
Isotope evidence, oxygen and ozone layer, stratigraphy.	Dating methods, Cambrian explosion	Evolution and Natural Selection, Evolutionary advances made by plants and animals (4a), Features and distribution of plants and animals (4b), Fossil Site Case Study (4c)	Mechanisms of extinction	Extinction hypotheses, Extinction events	Extinction events (5.5, 5a)	Revision	Revision

20 lessons left (including week 10 lessons)

1. Isotope evidence, 2a eras of the Phanerozoic, timeline
2. Oxygen and Ozone, Ozone Layer
3. Timeline (ozone), stratigraphy, Homework stratigraphy worksheet
4. Relative and absolute dating, HSC question and 3a Homework
5. David Attenborough – Cambrian explosion
6. Cambrian Explosion, 3b Homework
7. Evolution and Natural Selection
8. Evolutionary advances made by plants and animals (4a)
9. Features and distribution of plants and animals (4b)

10. Fossil Site Case Study (4c)
11. Past and Mass Extinction events
12. Past and Mass Extinction events
13. Death of Megabeasts doco
14. Extinction hypotheses (5c)
15. 5.5 and 5a – Mass Extinctions
16. 5.5 and 5a – Mass Extinctions