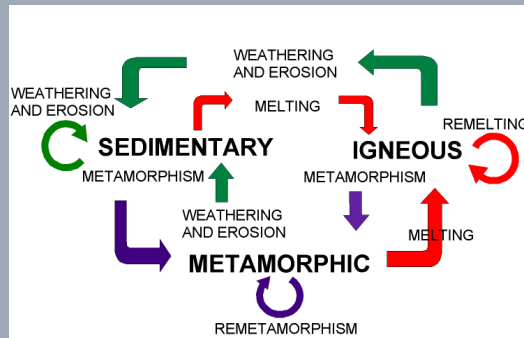


## Why study Earth & Environmental Science?

The study of planet Earth and its environments recognises that while humans are part of nature they continue to have a greater influence on the environment than any other species.

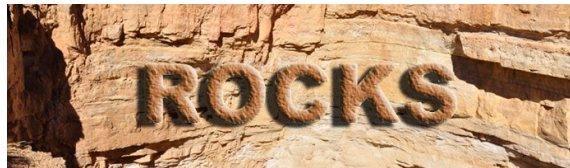
Earth and Environmental Science is built on the premise that the natural environment is the host to all local environments and that, therefore, an understanding of the natural environment is fundamental to any analysis of more specific local environments.



## Careers in Earth & Environmental Science

Occupations where a study of Earth & Environmental Science would be useful are endless, but could include: -

Agricultural Scientist	Agronomist
Arboriculturist	Biochemist
Biophysicist	Botanist
Botanist	Biologist
Ecologist	Entomologist
Environmental Scientist	Forester
Geologist	Geographer
Horticulturist	Marine Scientist
Oceanographer	Surveyor
Teacher	Veterinary Scientist
Viticulturalist	Zoologist



[www.melville-h.schools.nsw.edu.au](http://www.melville-h.schools.nsw.edu.au)

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**SCIENCE FACULTY**



## EARTH & ENVIRONMENTAL SCIENCE

The **Earth and Environmental Science** Stage 6 Syllabus explores the Earth's renewable and non-renewable resources and also environmental issues.

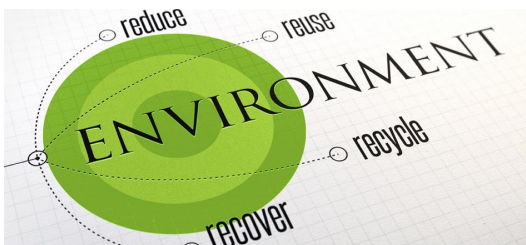
## Year 11 Course Topics

- Module 1  
**Earth's Resources**
- Module 2  
**Plate Tectonics**
- Module 3  
**Energy Transformations**
- Module 4  
**Human Impacts**



## Year 12 Course Topics

- Module 5  
**Earth's Processes**
- Module 6  
**Hazards**
- Module 7  
**Climate Science**
- Module 8  
**Resource Management**



- ⇒ A **Depth Study** must also be completed in **both** Year 11 and Year 12.
- ⇒ This is any type of investigation/activity that a student completes individually or collaboratively that allows the further development of one or more concepts found within or inspired by the syllabus.
- ⇒ Depth studies provide opportunities for students to pursue their interests in Earth & Environmental Science, acquire a greater depth of understanding, and take responsibility for their own learning.

## Course Specific details

To support learning in Earth & Environmental Science, some experiences which may be offered in the study of this course include: -

- ◇ Visit Geological and Mining Museums
- ◇ Field studies on Local Area Geology, such as Crescent Head Beach Headland & Rock Platform
- ◇ Soil Sampling and Testing
- ◇ Plant and Animal Surveys



Further information about the course content and outcomes can be obtained from the website below.  
<http://syllabus.nesa.nsw.edu.au/earth-and-environmental-science-stage6>