



LEVEL 2 Earth and Space Science

2 ESS

What is this course about?

Level 2 Earth and Space Science is about developing a wide understanding and appreciation for the science that explains how our planet and planetary systems beyond came to be and continue to exist.

What sorts of things will I do?

Students will develop skills in practical and research inquiry through a variety of learning activities. You will test the impact of the solar radiation on the Earth's surface and link this to the impact of human activity on the natural Earth environment.

You will enquire into the adaptations of living things that can survive in extreme habitats which humans can only withstand using advanced technology, and study extreme events in New Zealand focusing on a big issue for our cities - are we living in danger zones?

Finally students will explore aspects of space including stars and planetary systems.

What standards can I enter?

NCEA Level	Standard Number	Name of standard	Version number	Credits	Assessment	Approximate assessment date
2	91187	Carry out a practical earth and space science investigation	2	4	Internal	T1
2	91188	Examine an earth and space science issue and the validity of the information communicated to the public	2	4	Internal L, N	T2
2	91189	Investigate geological processes in a New Zealand locality	2	4	Internal L	T2
2	91190	Investigate how organisms survive in an extreme environment	2	4	Internal L	T1
2	91191	Demonstrate understanding of the causes of extreme Earth events in New Zealand	2	4	External L	T4
	91192	Demonstrate understanding of stars and planetary systems	2	4	External L	T4

Key for assessment column:

N - L1 and UE numeracy

L - L1 literacy

R - UE reading literacy/W - UE writing literacy