

Earth and Environmental Science

(This **Australian Curriculum** subject incorporates the former course ('Environmental Action'))

Level: Stage 2

Course length: Full year

Credit value: 20 Credits

Advice to students

No background knowledge required.

Course overview

Earth and environmental science is a year long course which explores some of the popular topics including renewable energy and climate change. Students will have the opportunity to conduct an externally assessed field investigation looking at the interaction of the spheres instead of an end of year exam. Earth and environmental science is a multidisciplinary science which borrows scientific concepts from biology, chemistry and physics.

Topic 1: Earth Systems

Topic 2: Earth's Resources

Topic 3: Earth's Sustainable Future

Topic 4: Climate Change

Assessment

There will be eight assessment tasks throughout the year, including three practical investigations, one investigation with a focus on science as a human endeavour, three skills and applications tasks and an externally assessed Earth systems study.

Pathways

This subject will provide a basic introduction to Biology, Geology, Chemistry and Physics. It provides ideal background for First Year Geology or Earth and Environmental Science at University.