

YEAR 10 PEOPLE PLANET AND THE FUTURE (GEOGRAPHY AND ENVIRONMENTAL STUDIES)

People, Planet and the Future allows students to explore the interrelationship between people and environments, with a focus on environmental change, sustainability and management. The course provides strong foundations and direct pathways for VCE Environmental Science and VCE Geography.

Using case studies such as climate change, biodiversity loss, natural hazards, water use, pollution and resource management, students investigate how natural processes and human activities shape environments over time. Students will explore the interactions between Earth's major systems: the lithosphere, hydrosphere, atmosphere and biosphere, including living organisms and human communities.

On completion of this subject, students will be able to explain key sustainability principles, including the conservation of biodiversity, ecological integrity and intergenerational equity. They will develop skills to analyse environmental change, interpret data, identify interconnections between places and Earth systems, and evaluate management responses that support more sustainable futures.

Through this subject, students develop:

- understanding of environmental change and management, including the causes, consequences and responses to environmental issues
- understanding of Earth as a dynamic system made up of the lithosphere, hydrosphere, atmosphere and biosphere
- understanding of how natural processes, including tectonic activity, atmospheric circulation, ocean processes and the movement of water and carbon, shape environments
- understanding of how human activities such as mining, land use change, water extraction and pollution can contribute to environmental change
- understanding of how environmental change affects people, places, ecosystems, biodiversity and access to resources
- understanding of biodiversity, including habitat diversity, species diversity, genetic diversity and ecosystem resilience
- ability to analyse environmental issues using social, economic and environmental perspectives
- ability to identify and explain interconnections within places and between places across local, regional and global scales
- ability to evaluate management responses and consider more sustainable environmental outcomes
- skills to collect, interpret and evaluate information from reliable geographical and scientific sources
- skills to represent information using maps, graphs, diagrams, tables, models and annotated visual summaries
- skills to analyse data and evidence to identify patterns, trends, relationships and change over time
- skills to communicate evidence-based explanations and conclusions using appropriate geographical and scientific terminology.