

A Level Marine Science

Overview

Students who participate in this program will foster greater international perspective, awareness of local and global environmental concerns and an understanding of the scientific methods. While working with a mentor, they will supplement their knowledge of the inter-relationship between the marine environment and society, recognising that humans are an integral part of the global environment. Through this program, students will develop an informed personal response to a range of current and future environmental issues.

Objectives

- Develop as confident citizens in a technological world, able to take or develop an informed interest in matters of scientific importance
- Enhance abilities and skills that are relevant to the study and practice of Marine Science
- Improve analytical and evaluative skills
- Develop awareness of one's own values concerning the environment and a sense of responsibility for its welfare

Structure

- Reflect on current knowledge of the range of subjects that Marine Science teaches and identify strengths and weaknesses
 - Develop a personalised curriculum
- Investigate the impact of human development on the environment
 - Real-world examples
 - Pollution
 - Resource depletion
 - Different perspectives – local to global
 - How to sustainably use the environment
 - Values and responsibility regarding the welfare of the environment
- Collaboratively develop data analysis skills
 - Critical thinking and evaluation skills
- Practice reporting primary and secondary data in the form of a report
 - Scientific writing style
- Exam practice
 - Past papers
 - Planning and structuring responses
 - Analysing and evaluating sources