

# Marine and Aquaculture Technology

Year 9 and 10 Elective

## Course Rationale

Marine and Aquaculture Technology fits into an emerging field of study relating to sustainability of marine and related environments. At a time of pressure on the marine environment, there is a recognised need to deliver sound marine educational programs through formal structures within state and national curricula. Australians must be aware of and understand this fragile environment, and consider how to effectively manage 69,630 kilometers of coastline, 14.8 million square kilometers of continental shelf, 12,000 islands, 783 major estuaries and the life they contain.



## Course Content

Marine and Aquaculture Technology is delivered as a 200-hour course across Years 9 and 10. Students complete the following modules:

Year 9	Year 10
Introduction to Marine and Aquaculture Technology	Skills, Management and Employment
Living Together in the Sea	Basic Snorkelling
The Oceans	Marine Mammals
Fish Biology	Dangerous Marine Creatures
Fish Harvesting	Personal Interest Project
Food From the Sea	Underwater Farming
	Coastal Management

## Other Information

- Course fee is \$10 per year to cover fish tank costs and ongoing maintenance of equipment
- Students are required to have a 96-page A4 exercise book (or a device)
- All students must complete a mandatory swim test at the school swimming carnival in order to attend any water-based excursions. The test involves: 200m swim, 25 swim clothed, swim 10m underwater, tread water for 3 mins and remove clothing while treading water
- Many excursions are also offered in the course. These incur an extra cost and are only offered to those students who consistently display the school's PBL values. Excursions include Snorkelling, Fishing, Sydney Sea Life Aquarium, Sydney Fish Markets, Clean4Shore, Learn to Surf, Whale Watching and Marine Camp (run every 2nd year).

## Course Contacts

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