

# 10 AQUATIC PRACTICES

STATUS:	CORE SUBJECT		
COURSE OVERVIEW:	Year 10 Aquatic Practices aims to provide a vocational pathway and connects students to the the captivating world of marine life and water environments. Aquatic Practices offers students the chance to discover and experience the practical skills and knowledge valued in aquatic workplaces and beyond and provides opportunities for students in the future in various fields such as recreation, tourism, fishing, and aquaculture.		
COURSE OUTLINE:	<p>Students will study the following units throughout the course.</p> <ol style="list-style-type: none"> <li>1. <u>Sailing</u> – learn the skills of sailing including knots and enjoy a day learning to sail on the Noosa River.</li> <li>2. <u>Aquaculture</u> – students will learn all about aquariums and aquaculture. Students will explore the importance red claw in the ecosystem and fishing industry. They will set up and care for red claw in tanks, explore and design traps, and even learn how to cook red claw.</li> <li>3. <u>Dangerous Marine Animals</u> – students will learn about dangerous Australian marine animals, the potential dangers of each animal, the symptoms and treatment in the case of a dangerous encounter.</li> <li>4. <u>Marine Turtles</u> – students will learn all about sea turtles, the different types, their habitats, migration patterns, and feeding habits. Students will learn about the importance of sea turtles in marine ecosystems and how we can protect them and other endangered animals and ecosystems.</li> </ol>		
COURSE ASSESSMENT:	<ul style="list-style-type: none"> <li>• Examination – MQC, short response and extended response.</li> <li>• Project Investigations/Assignments</li> <li>• Written Reports</li> </ul>		
STUDY REQUIREMENTS:	20 min homework per night. Completion of Key Assessment Task work.		
SPECIAL REQUIREMENTS:	This course has an estimated subject fee of approximately \$300 to cover the cost of excursions including, sailing on Noosa River, red claw farm visit and a Sea Life Mooloolaba overnight stay. In Term 4 students may get the opportunity to visit/attend a camp to Mon Repos Turtle Education Centre (not included in subject fee). It is an expectation that students in this course of study attend all excursions to meet the field component of this course.		
POSSIBLE CAREER PATHWAYS:	Marine Biologist Wild life Biologist Fisheries Biologist Fish Hatchery Biologist Marine Veterinarian Hydrologist	Conservation Officer Water technician Ocean Engineer Scuba Dive Instructor Swim and water safety Teacher Life guard	Marine Mammal trainer Marine Archaeologist Underwater photographer Stream ecologist Benthic ecologist
PARENT/CARER SUPPORT:	Encourage an interest in Scientific and Environmental Issues. Monitor the completion of key assessment tasks.		