

Year 9 - Marine Ecosystems

Full Day program at NBEEC



Year 9 Ecologists begin their day interacting with the mangrove ecosystem along the Tabbil Ban Dhagun Mangrove Boardwalk where they explore symbiotic relationships **exploring interactions between organisms such as predator/prey, parasites, competitors, pollinators and disease.** They analyse how biological systems function and respond to external changes with reference to interdependencies, energy transfers and flows of matter.



At Nudgee Beach they **select and use appropriate equipment, including digital technologies, to collect and record data systematically and accurately** to conduct random quadrats in both a disturbed and undisturbed mangrove site, consider the effect of sedimentation when yabby pumping and examine the diversity and abundance of fish species during dragnet fishing. **They analyse their methods and the quality of their data and explain specific actions to improve the quality of their evidence.**



Back at the Centre, students will partake in two live animal presentations focusing on Dubee and Kabul to increase their understanding that **ecosystems consist of communities of interdependent organisms and abiotic components of the environment; matter and energy flow through these systems.**



Contact Us: 07 3267 7811

bookings@nudgeebeacheec.eq.edu.au