

# Lab Study: Undersea Explorer

## Activity Outline

### Year Level K-6

This activity allows students to explore the undersea world at the National Marine Science Centre's Aquarium. Students observe a range of marine organisms and the habitats in which they live and also develop an understanding of the complex interactions between organisms. Students also gain an appreciation on the sustainable use of the marine environment. This activity includes a short documentary, a feeding demonstration, and a touch experience of some marine creatures.

### Key Understandings

- Identifies and describes the structure and function of living things and ways in which living things interact with other living things and their environment.
- Living things interact with each other and affect their environments in complex ways.

### Key terms

Adaptation, function, habitat, competition, camouflage, connection, predator, prey, community, diversity, ecology, light, management, ecosystem, environment, interaction, matter, water.

### The Australian Curriculum

Year K: ACSSU002, ACSIS011, ACSIS233, ACSIS012

Year 1: ACSSU017, ACSSU211, ACSIS025, ACSIS213

Year 2: ACSSU030, ACSIS038, ACSIS041

Year 3: ACSSU044, ACSIS053, ACSIS060

Year 4: ACSSU073, ACSIS064, ACSIS071

Year 5: ACSSU043, ACSIS231, ACSIS093

Year 6: ACSSU094, ACSIS232, ACSIS110

### Key competencies

- Working scientifically
- Collecting, analysing and organising information
- Communicating ideas and information
- Using technology
- Working with others and in teams