



Lab Study: Web of Life

Activity Outline

Year 4-6

Aim

In this activity students work collaboratively to observe and classify a range of marine organisms and develop simple classification keys. Students also record physical characteristics of a variety of marine species through illustrated diagrams. Students learn to make links between organism structure and function and lifestyle characteristics.

Key Understandings

- Living things, including plants and animals, depend on each other and the environment to survive.
- 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

Taxonomy, adaptation, physiology, function, classification, phylum, class, community, diversity, ecology, ecosystem, environment, interaction, matter, water.

Student Outcomes:

Science;

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