Marine Discovery Centre Activities – Australian Curriculum Links

YEAR 4

Science

Science understanding

Biological sciences

- Explain the roles and interactions of consumers, producers and decomposers within a habitat and how food chains represent feeding relationships (AC9S4U01)

Earth and space sciences

- Identify sources of water and describe key processes in the water cycle, including movement of water through the sky, landscape and ocean; precipitation; evaporation; and condensation (AC9S4U02)

Science as a human endeavour

Nature and development of science

- Examine how people use data to develop scientific explanations (AC9S4H01)

Use and influence of science

- Consider how people use scientific explanations to meet a need or solve a problem (AC9S4H02)

Humanities and Social Sciences

Skills

Concluding and decision-making

- Propose actions or responses to an issue or challenge that consider possible effects of actions (AC9HS4S06)

Knowledge and understanding

History

- The diversity of First Nations Australians, their social organisation and their continuous connection to Country/Place (AC9HS4K01)

Geography

- The importance of environments, including natural vegetation and water sources, to people and animals in Australia and on another continent (AC9HS4K05)
- Sustainable use and management of renewable and non-renewable resources, including the custodial responsibility First Nations Australians have for Country/Place (AC9HS4K06)

Civics and citizenship

- The roles of local government and how members of the community use and contribute to local services (AC9HS4K08)

Marine Discovery Centre Activities – Australian Curriculum Links

Cross-Curricular Priorities

Aboriginal and Torres Strait Islander Histories and Culture

Country/Place

- First Nations communities of Australia maintain a deep connection to, and responsibility for, Country/Place and have holistic values and belief systems that are connected to the land, sea, sky and waterways (A_TSICP1)

Culture

- First Nations Australians' ways of life reflect unique ways of being, knowing, thinking and doing (A_TSIC2)

Sustainability

Systems

- All life forms, including human life, are connected through Earth's systems (geosphere, biosphere, hydrosphere and atmosphere) on which they depend for their wellbeing and survival (SS1)
- Sustainable patterns of living require the responsible use of resources, maintenance of clean air, water and soils, and preservation or restoration of healthy environments (SS2)
- Social, economic and political systems influence the sustainability of Earth's systems (SS3)

Design

- Sustainably designed products, environments and services aim to minimise the impact on or restore the quality and diversity of environmental, social and economic systems (SD1)

Futures

- Sustainable futures require individuals to seek information, identify solutions, reflect on and evaluate past actions, and collaborate with and influence others as they work towards a desired change (SF2)