



Essential Learnings

Coast and marine education

Futures

The purpose

- To make current educational practice relevant to learners, and provide them with the skills and the capacities to thrive in a fast changing world.
- To develop optimistic active learners who will take part in the shaping of their own futures.

This means

- Learners developing an understanding of patterns and connections within systems.
- Learners understanding world views when analysing future challenges.
- Learners building scenarios of preferred futures.
- Learners acquiring skills that will enable them to thrive in a fast changing world rather than becoming casualties of such change.

From Jewels of the Sea

- Build on present and traditional contexts to make positive contributions for the future
- Identifying preferable future alternatives for ecological sustainability

Other suggestions

- Learners participate in action based projects to help build scenarios of preferred futures

Identity

The purpose

- To assist learners to achieve a sense of their own current and emerging identity.
- To develop learners who will take action to shape their own personal and group relationships.

This means

- Learners developing an understanding of themselves, of the groups to which they belong, and of other members of their community.
- Learners coming to an understanding of the social construction of identities.
- Learners developing the capacity to relate effectively to others and to resist the pressure of negative stereotyping.
- Learners achieving a sense of their own current and emerging identities.

From Jewels of the Sea

- Understanding self, group and others in the context of sea life and lifestyle
- Understanding cultural links with the sea and the diversity of opinion about its use
- Relating effectively to others who might have different views about marine life
- Comparing the human life cycle with those of other organisms

Other suggestions

- Learners develop a positive sense of self, group and group responsibility by participating in projects and activities for sustainability



Interdependence

The purpose

- To develop learners who recognise that their own lives and lifestyles are inseparable from wider systems.
- To develop learners who are active in shaping local and global communities.

This means

- Learners coming to an understanding of cultural and global connections, patterns and evolutions.
- Learners coming to an understanding of what is needed for sustainable social and physical environments.
- Learners cooperating to achieve agreed outcomes.
- Learners acting to benefit their communities.

From Jewels of the Sea

- Understanding connections, patterns and evolutions relating to marine life
- Understanding what is needed for sustainable marine environments
- Acting co-operatively to achieve outcomes like Seadragon-Friendly Catchment Care
- Taking civic action for Coastcare, no take zones and Marine Protected Areas

Other suggestions

- Learners come to understand what is needed for sustainable social and physical environments by studying past present and future management of the coast and marine environment

Thinking

The purpose

- To develop learners who value both the rigorous and creative aspects of quality thinking.
- To develop learners who have the capacity to generate and evaluate ideas and solutions.

This means

- Learners knowing themselves profoundly as learners and thinkers.
- Learners using a wide range of thinking modes.
- Learners utilising thinking from a range of times and cultures.
- Learners developing and employing enterprising attributes.
- Learners developing enterprising and creative solutions for contemporary issues.

From Jewels of the Sea

- Using a wide range of thinking modes
- Drawing on thinking from a range of times and cultures
- Showing enterprising attributes in building knowledge and understanding of marine life
- Initiating enterprising and creative solutions for marine related activity and issues

Other suggestions

- Learners developing enterprising and creative solutions for contemporary coast and marine management issues by participating in programs for the environment



Communication

The purpose

- To develop learners who understand the complexity and power of communication and how it works.
- To develop learners who have the capacity to communicate effectively through their understanding of literacy, numeracy and information and communication technology.

This means:

- Learners having an understanding of the complexity and power of language and data.
- Learners having an understanding of how communication works.
- Learners having the ability to make effective use of language, mathematical information and the tools of information and communications technology.
- Learners being able to effectively use communication in a range of modes.

From Jewels of the Sea

- Understanding the language and data associated with temperate marine life
- Understanding how communication works for marine life
- Using language, mathematical and information and communication technology tools
- Distinguishing between fact and opinion
- Using communication in a range of ways to achieve identified outcomes

The Essential Learnings span the four Bands (Early, Primary, Middle and Senior Years), and are developed through the seven Learning Areas (Maths, Science, Society and Environment etc). This is important to understand because it sets a framework which can engage the educator with appropriate learning outcomes that help develop these Essential Learnings across the Learning Areas.