



THE FUTURE OF THE OCEAN



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The Ocean, often referred to as the blue heart of Earth, sustains life on our planet. Recognising its paramount importance, our program unveils the intricacies of ocean connections, environmental stewardship, and transformative action. Whether a complete series or individual segments, our lessons offer an engaging journey into Ocean Literacy. The Future of the Ocean, immerses learners in the captivating realm of the ocean, the very lifeblood of our planet, through a comprehensive programme designed to foster understanding, empathy and action

Learning Objectives:

- Ocean Awareness: Understand the profound significance of oceans in our daily lives, fostering a strong sense of environmental stewardship.
- Understand Circular Economic Design Principles
- Circular Design Thinking
- Empathy and Mindfulness: Develop empathy for ocean health and understand the impact of mindful choices on ocean sustainability.
- Interconnected Thinking: Recognise the intricate relationships between land, sea, humans, and the environment, fostering holistic understanding.
- Environmental Action: Explore practical solutions to combat ocean pollution and contribute positively to marine well-being.
- Biomimicry and Innovation: Learn to draw inspiration from nature's wisdom, fostering creative solutions and sustainable design thinking.
- Enterprise and Innovation in relation to ocean health challenges

The 7 Seven linked micro-modules are:

- Ocean Literacy
- 21st Century Ocean Leadership,
- An introduction to Offshore Renewable Energy
- An introduction to Biomimicry part 1 and 2: Coming Soon
- Problem to Pitch: Marine Marine plastic waste, a full circular design thinking Transition Year
- Unit / Module on developing solutions for Marine Plastic Waste
- Four part Media Communications Module linked to SDG14, can be delivered as a cohesive programme, TY unit or integrated individual lessons plans to enrich existing curricula.

These modules collectively cover the following Sustainable Development Goals SDG 4: Quality Education; SDG 3: Good Health and Well-being (for people and planet); SDG 11: Sustainable Cities and Communities; SDG 12: Responsible Consumption and Production; SDG13: Climate Action and SDG14: Life Below water

External Expertise:

- Lucy Hunt: Senior Advisor The Ocean Race Summits & Learning programmes, Founder - Sea Synergy Marine Awareness + Activity Centre, Sea Synergy Research and LH Marine Consultancy
- Rebecca White, Learning and Curriculum Developer, The Ocean Race, 2024 MM1: Ocean Literacy Introduction
- Bianca Peel: Bianca is a purpose and value-led education consultant providing holistic, trauma informed, and empathy based learning design and development in education.
- Dr Jennifer Keenahan - Assistant Professor in Civil Engineering, UCD. Interested in the use of Computational Fluid Dynamics for the Built Environment, particularly wind analysis. Head of Teaching and Learning
- Dr Anita McKeown, FRSA, FIPM, MEI - is an award-winning artist|scholar and STEAM educator, co-designing values-based leadership through education and community processes.

For more information or to access online support on integrating the programme into your existing teaching please contact: hello@futurefocus21c.com