**Ocean literacy – pre-survey**

**Awareness**

1. Which of these terms are you familiar with? (Tick the ones you know)

* Biodiversity
* Invasive species
* Marine biosecurity
* Environmental DNA (eDNA)
* Marine ecology

1. Can humans affect the health of the ocean? (Circle your answer)

Yes / No / Not sure

**Knowledge** (Circle your answer)

1. What is biodiversity?
2. The number of different types of plants and animals in an area.
3. Ocean plastics pollution.
4. The increase of animals and plants at the ocean
5. Decrease of atmosphere temperature.
6. I’m not sure.
7. What is marine biosecurity?
8. Exclusion, removal or management of marine invasive pests.
9. Areas where fishing is not allowed.
10. Marine reserves – catching fish under a certain size is not allowed.
11. The number of different types of plants and animals in an area.
12. I’m not sure.
13. What can eDNA be used for?
14. Finding out what plants and animals live in an area.
15. Understanding where your great-grandparents came from.
16. Measuring the temperature of the ocean.
17. Measuring greenhouse gases.
18. I’m not sure.
19. What is marine ecology?
20. The study of marine life and how it interacts with the surrounding environment.
21. Exclusion, removal or management of marine invasive pests.
22. An area where fishing is allowed.
23. The increase of animals and plants in the ocean.
24. I’m not sure.

**Level of interest/care**

1. How important is the ocean to you? (Circle your answer)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1  Not at all | 2  Not very important | 3  Medium | 4  Very important | 5  Extremely important |

1. Why is the ocean important to you? Rank from most important (1) to least important (5).

* Economic reasons: the ocean provides jobs, seafood, shipping and fishing.
* Environmental reasons: the ocean is important for ocean life, weather and climate.
* Recreational reasons: the ocean can be enjoyed by swimming, hiking the coast, surfing and walking the dog.
* Cultural reasons: the ocean is important to our history, tikanga and mātauranga Māori, and mahinga kai.
* Aesthetic reasons: the ocean is beautiful and is an inspiration for art and photography.

1. How interested are you in learning about tools to measure the health of our ocean? (Circle your answer)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1  Not at all interested | 2  Not very interested | 3  Slightly interested | 4  Interested | 5  Very interested |

1. What ocean habitats have you been to recently? (Tick which ones)

* Rocky beach
* Sandy beach
* Estuary
* River
* Marina
* Offshore/deepwater

1. What activities do you like to do when at the ocean? (List below)
2. What are you most interested in learning about the ocean? (Tick which ones)

* Ocean management
* Ships and boats
* Marine animals
* Marine plants
* Energy from the ocean
* Other – please list

1. What are ways that you could make a difference to the ocean’s health?

**Acknowledgement:** This resource was written by Gerd Banke, Nayland School and is part of [Kaitiakitanga o te moana – a context for learning](https://www.sciencelearn.org.nz/resources/3384-kaitiakitanga-o-te-moana-a-context-for-learning).