



INCORPORATING



Helping people to care for our ocean

uShaka Sea World Education Courses

BIODIVERSITY & CLASSIFICATION



Introduction to this Course

Biodiversity & Classification is designed to look at the biodiversity and threats in the marine environment and how to classify animals into groups. This course uses interactive teaching methods to excite learners through a variety of senses, and also includes an Aquarium guiding and Dolphin show. All material is linked to the CAPS curriculum and interlinks with conservation messages.

Conservation messages:

- Biodiversity is life
- Litter impacts life
- Plastics don't litter – people do
- Care enough for us and the ocean
- Litter goes in the bin

General Programme:

| | |
|---------------|------------------------|
| 9h00 – 9h10 | Introduction |
| 9h10 – 10h30 | Aquarium Guiding |
| 10h30 – 10h50 | Tea |
| 10h50 – 11h00 | Diversity bag |
| 11h00 – 11h20 | Wet lab |
| 11h20 – 12h10 | Dolphin show |
| 12h10 – 12h25 | East vs West coast |
| 12h25 – 12h40 | Sort the bags |
| 12h40 – 12h50 | Alien invasive game |
| 12h50 – 13h00 | Closing and evaluation |



Lesson plan

Subject: Natural Science

Grade: 4 - 7

Duration: 4 Hours

Strand: Life and Living

Topic: Grade 4 - Living and non-living things

Grade 6 – Health of the planet

Grade 7 - Biodiversity

Content: Grade 4 Visible differences in animals

Grade 6 All humans, animals and plants need food, clean water, air to survive

Humans can have a negative or positive impact on the environment

Grade 7 Classification of things and the diversity of animals

Activities:

Diversity bag

East vs West coast

Sort the bags

Alien invasive game / ballast water activity

Wet lab