



INCORPORATING



Helping people to care for our ocean

uShaka Sea World Education Courses 2016

ANIMALS & ECOSYSTEMS



Introduction to this Course

Animals & Ecosystems is designed to look at the diversity of living and non-living things and how they make up an ecosystem and interact with one another. 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:

- Litter is harmful to animals and restricts their movement.
- Micro plastic affects fish that eat it and may end up in our food
- 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 – 11h05 | Build an Ecosystem |
| 11h05 – 11h20 | Food chains |
| 11h20 – 12h10 | Dolphin show |
| 12h10 – 12h30 | Ooey Goey Guts |
| 12h30 – 12h40 | Wet lab |
| 12h40 – 12h50 | Touch boxes |
| 12h50 – 13h00 | Closing and evaluation |



Lesson plan

Subject: Natural Science

Grade: 4 - 6

Duration: 4 Hours

Strand: Life and Living

Topic: Grade 4 - Living and non-living things & Requirements of plants and animals.

Grade 5 – Biodiversity of living things

Grade 6 – Health of the planet

Content: Grade 4 Characteristics of living and non-living things, need for light, food, habitat.

Grade 5 Requirements of plants and 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

Activities:

Build an ecosystem

Food chains

Wet lab

Touch boxes

Ooey gooey guts