

CARING FOR OUR OCEANS

Take a trip with Kal the Killer Whale on a journey around the five oceans of the world in search of food and a family.

During Kal's travels, the whale encounters different animals who need help. Children explore the effect of plastics on the ocean, the animals that live there and begin to think about what action they can take to help the planet.



KS1



Science & Citizenship



40 Minutes

OVERVIEW & CURRICULUM LINKS

Using storytelling, interactive activities and discussion, children explore the effect of plastics on the ocean and consider what action they can take to help the planet. This workshop directly links to the Science (Everyday Materials, Living things and their habitats), Geography (Locational Knowledge) Programmes of study, the issues of recycling, caring for animals and the environment.

OBJECTIVES

Pupils should be taught to:

- name and locate the world's seven continents and five oceans
- identify and name a variety of everyday materials and which can break down
- construct and understand the impact of plastics within a food chain
- record information using tally charts

LEARNING SESSION CONTENT

INPUT

(Interactive story 10 minutes)

A Killer Whale sets off on a journey around the 5 oceans of the world to find food and a family. During the journey they encounter animals who need help.

CAROUSEL OF ACTIVITIES

1. We're going on a Beach Clean!

Work as a team and join a beach clean event. Count and record the litter you find on the beach. Challenge: Which items are plastic, which are not?

2. It takes time! Find out how long it takes for materials to break down in the ocean.

It takes a moment for an item to be carelessly thrown away or be blown by the wind into the ocean. It can take many years for the material to completely decompose in the ocean.

Examine a range of materials. Place the objects in order of the shortest to longest amount of time they take to break down in the ocean.

Challenge: Discuss the answers. Were they what you expected?

3. I'm hungry... What's for tea?

Explore how microplastics and larger plastics eaten by small animals move through a simple ocean food chain.

PLENARY

Take 5 minutes to think about one thing they can do to help reduce the impact of plastic in the ocean at home or at school. Feedback ideas/ Ideas on the screen, drag and drop.