

Year 2 Science Knowledge Organiser

Spring 1

Theme: Flippers, Fangs and Fins



Key Knowledge

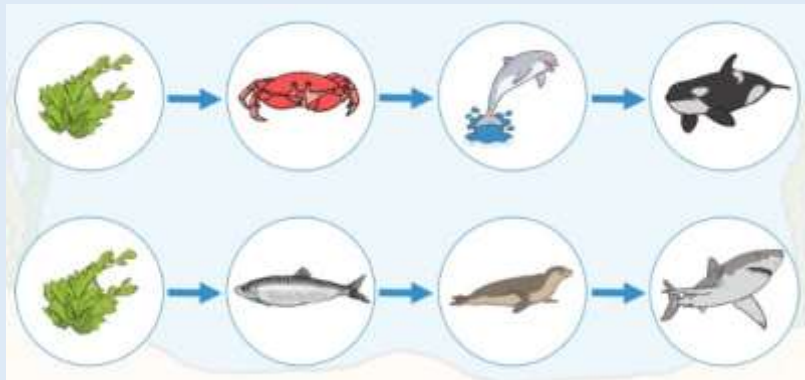
By the end of this unit pupils will...

Habitat

A habitat is a natural place animals live. We will be learning about different habitats under the sea such as polar seas, coral reef. We will be researching why a habitat is suitable for certain animals and what food chains are available in that habitat. For example an orca lives in the Pacific ocean, see food chain below.

Food chains

Children will know that all living things need food to survive. Food chains show how each animal gets their food. Children will know that a producer makes their food (seaweed), these are eaten by a consumer (crab, dolphin), and the final animal in the food chain is a predator (orca). Children will use this knowledge and research to create a food chain. **The food chain (BBC bitesize video) [Click here](#)**



Key Vocabulary

Key Vocabulary

habitat

A **habitat** is the natural place something lives. A **habitat** provides **living** things with everything they need to **survive** such as food, shelter and water.



Key Vocabulary

Food chains

Transfer of energy from one living thing to another.

Producer

Has the ability to make its own food for example a plant

Consumer

A living thing that consumes (eats) another living thing for energy.

Working Scientifically



- » Ask questions
- » Recognise when identifying and classifying will help me answer my questions
- » Use secondary sources to identify and classify things
- » Look for similarities and make comparisons.



- » Ask questions
- » Make careful observations.
- » Use scientific language
- » Draw and label what you observe.
- » Use observations to suggest answers to questions.
- » Talk about and explain observations using scientific knowledge and understanding.
- » Observing over Time



- » Ask questions and find different ways to answer them.
- » Use scientific language.
- » Use equipment to make observations
- » Make careful observations.
- » Talk about findings.
- » Make simple conclusions.