

Module guide

Under the sea



This module has been created to introduce the topic of the sea and the enormous variety of creatures that live in it.

It explains that animals live in different habitats and that they are often adapted to live in these environments. It provides an introduction to the classification of animal types, such as mammals and fish. It also explains to children what small, everyday actions they and their families can take to help protect the ocean from pollution.

A wide variety of resources and activities have

been provided to assist in the learning and teaching of a range of EYFS goals.

Communication and language

- Children can talk about some of the creatures they have learned about from the videos and picture books. They can discuss some of the ways these creatures move, how they breathe, where they like to live and what they like to eat. Use the printable 'What am I?' cards and board game to stimulate discussions around animal features.
- After watching the videos children can be encouraged to explain which sea creature is their favourite and why.
- When discussing sea creatures children can be encouraged to use words such as mammal, bird and fish to show awareness of different classifications.
- Children can be encouraged to use the names given to the different zones in the depths of the sea.
- Encourage children to use different adjectives to describe what they think the different ocean zones would feel like. The *Journey under the sea* and *Submarine sights* worksheets can be used to reinforce this.

PSED

- Children will learn how different sea creatures live in different parts of the sea and how they move through the water.
- Children can watch the *Warm seas* and *Cold seas* videos, read the *Warm and cold seas* picture book, complete the *Warm or cold sea* activity and finish the *Warm and cold seas* printable; they can then talk about whether they prefer warm or cold water seas. How do they think they would feel if they visited one of these places?

- The *World oceans* day video and the *Take care of the sea* printable can help children to learn about the responsibility of all people towards protecting the marine environment and the impact human activity can have on sea creatures and the oceans.

Literacy

- All of the picture books can be used to introduce and teach high frequency words. These words are highlighted in red for ease of identification.
- These books have gradually more challenging high frequency words as they progress from *What am I? to Deeper and deeper.*
- Children can also attempt to decode some of the simple words in the picture books.
- The *Sea creature names* activity offers further practice for decoding.
- Children can practise writing simple sentences by to writing a short story on the *Journey under the sea* printable.

Maths

- The *Subtracting seashells* printable provides children with an opportunity to attempt simple subtraction using the example of hermit crabs and seashells.
- Children can practise counting and numeracy skills through playing the *Counting sea creatures* activity.

Understanding the world

- Children will understand some of the basic differences between mammals and fish and that these are different types of animals. The *Under the sea, Warm seas and Cold seas* videos are a useful introduction to this concept. It is reinforced through the module, particularly in the picture books.
- This point can be further reinforced by challenging the class to complete the *Classifying sea creatures* and *Ordering sea creatures* activities.
- After watching the *Warm seas and Cold seas* videos, reading the *Warm and cold seas* picture book and attempting the associated activity, children will recognise that the sea life found in warm and cold water seas is different, that many creatures have special adaptations to live in these areas and that there are some creatures that migrate between them.
- After watching the *Secrets under the sea* video, reading the *Deeper and deeper* picture book and doing the *Ocean zones* activity, children will have a general understanding that different zones exist in the ocean and that each has a unique name. They will broadly understand that there are unique creatures that live in these zones in the ocean.
- Teachers can see how many sea creatures children can recall by watching the *Ocean animal moves* video. How these creatures move can also be talked about.

Expressive art and design

- Children can create their very own underwater scene using the *Submarine sights* printable – these can be used as part of a larger display.
- The *Journey under the sea* printable can be completed in the form of a comic strip where children can be encouraged to be as detailed as they wish.
- Children could be given some images from the *Photos galleries* and use these to make a collage.

Physical development

- Children can watch the *Ocean animal moves* video and observe how some of the sea creatures move underwater. They can then make up their own movements or fingerplays to represent each creature.
- Children can sing and dance to the *Seashore liffe* video.
- Read the *How do I move?* picture book and then ask children to create movements for the animals in the book.
- Children can apply their movements to music from the *Music* section. They can also make up dances for some of the pieces of music.

Module content

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