



What lives in the Ocean?

Resources:



4: Animals that live in the Ocean



Info Sheets:
4a,b,c,d,e,f,g,h,i,j,k



Film Clips

Invertebrates, Fish, Reptile, Mammals and Birds.

Film Guide

Poster x 2 Oceans
Creatures, Numbered
Ocean Creatures.
Snap! Cards

Suggested Activities:



A: Teacher led activity – Use PPT 4:
Animals that live in the Ocean

Discussion:

Show and discuss the whole presentation as an overview of **Activity 4**



B: Now break the presentation down into the 3 parts

B1.

Slides 2 – 3 Invertebrates and Vertebrates

Teacher led discussion. Info Sheet 4a - pupils to work on a basic understanding of the difference between an Invertebrate and a Vertebrate – creatures without or with a backbone.

Groupings:

Pupils to discuss what they have learnt from the Power Point slides and add to their individual Project Files.

B2.

Slides 4 – 7 Different types of Invertebrates

Watch film clips – Invertebrates - to see original film on these creatures. (Use film guide)

Use examples from **Info Sheet 4b** to discuss Invertebrates that live in the ocean – how many have they heard of? What size might they be?

If needed:

Reshow film clips – Invertebrates.

Pupils to update their Project File contents.

B3.

Teacher led activity - Slide 8 – 11 – Vertebrates Fish, Reptiles, Mammals and Birds

Watch film clips – Fish and Reptiles to discuss the classes of vertebrate animals in the oceans – Fish, Reptiles, Mammals and Birds.



C: Use Info Sheets 4c - 4h

- 4c – Invertebrates and Vertebrates
- 4d – Sorting out sea creatures
- 4e – Vertebrates - Fish
- 4f – Vertebrates - Marine Reptiles
- 4g – Vertebrates - Marine Mammals
- 4h – Vertebrates - Sea Birds

Pupils to update their 'Learning Journal' to list animals under the headings they have learnt above.



D: Pupil SNAP Games

Snap Games - Cards

(16 pictures supplied – Print these 4 times per group to give:

- Mammals 3 (Dolphin, Whale, Seal)
- Reptiles 2 (Turtle, Sea Snake)
- Crustacean 1 (Crab)
- Invertebrates 3 (Coral, Jellyfish, Sea Star)
- Sea Birds 3 (Gannet, Penguin, Albatross)
- Fish 4 (Sharks, Butterflies, Nemos, Lionfish)

Info Sheet 4i - Rules for Snap games. Info Sheet 4j Identification of SNAP cards.

Game 1

Pupils play SNAP matching the creatures like for like e.g. the actual pictures.

Game 2

SNAP for a match between Invertebrates or Vertebrates.

Game 3

SNAP by matching Mammal, Bird, Reptile, Fish, Crustacean or Invertebrate.



E: Game: Who Am I?

Use SNAP cards:

Who am I Game

'Who am I' style game – children in pairs, or groups of 4 or 6 to play the Who Am I game by showing a picture of an animal, *but not seeing it themselves* – and by asking questions – find out '**who they are**'.



F: Pupils do 'Comparisons between' – literacy work

Pupils to describe the major differences with the Vertebrate classes – Mammals, Fish, Reptiles and Birds:

- What makes a Fish a Fish?
- What makes a Mammal a Mammal?
- What makes a Reptile a Reptile?
- What makes a Sea bird a Bird?



G: Use Ocean World Poster

Teacher led discussions – What do you see? – ideas for display work

Use 4k information sheet - For identification of animals



H: Pupil's Display Work

Display work – classroom or corridor wall - working on understanding of Invertebrates and Vertebrates which live in the Oceans.



I: Teacher to put Key Words on the board

INVERTEBRATES VERTEBRATES CRUSTACEANS ANNELIDS
JELLYFISH CORAL MOLLUSCS MAMMALS FISH REPTILES
SEA BIRDS



J: Pupil Activity

- Pupils to write about the animals living in the sea using these words.
- Review and update their 'Learning Journal'.
- Conduct further research.

Focus on one area and record their findings in the 'Learning Journal'
Report their findings to the class.



K: Answer the Big Question

What lives in the Ocean?

The answer is.....?

