

Blue Abyss

(Ocean Habitats)

Summer Term 2nd Half Term Home Learning Tasks

This half term we should be studying the Blue Abyss, studying the oceans of the world and what lives in them. Our enquiry question is: Are all sea creatures the same?

The tasks can be presented however you would like. Work can be completed in your books or on paper and stuck in, you can take photos, create collages, upload to your portfolio on Class Dojo, make models and PowerPoints – the choice is yours!

We look forward to seeing your amazing work.

English

- Create a picture dictionary of plants and creatures of the ocean.
- Find out about the oceans and seas and the sea creatures of the world. If you can use books. Look for information using contents pages, glossaries and index pages. Write down any new facts you have learnt, and share them with your family.
- Write a story about a diver's exploration of a coral reef.
- Write a poem about the creatures living in the blue abyss. It might be an acrostic, shape, haiku, cinquain or free verse poem.
- Create a newspaper report about plastic pollution in the oceans.

Maths

- How deep are the oceans? Create a chart to show the depths of different oceans and seas.

Science

- Find out why the ocean can be blue.
- How many amazing shark facts can you find? Build them into a PowerPoint presentation. Remember to include images and perhaps some video clips too.
- Write a 'true or false' quiz with fascinating facts about creatures and plants under the sea.
- Create fact cards about the creatures of the Great Barrier Reef in a Top Trumps style.
- Research the food chain of a sea creature. Record in a diagram, showing where your creature fits in to that food chain. Describe the different creatures as producer, prey or predator. What would happen if one of those creatures were no longer available in that food chain?

History

- Use the web to find out about famous undersea explorers, such as Robert Ballard, Sylvia Earle, William Beebe and James Cameron. Record your information in an interesting way.
- Find out why the 1872 Royal Navy ship, HMS Challenger, is so important and how its story has contributed to modern oceanography. Choose a way to present your findings (could be a short film, PowerPoint presentation or a diary entry imagining you were there).
- Research Jacques Cousteau and write a biography of his life.

Geography

- Name the world's oceans and seas on a map. Identify where they are in relation to the Equator, the Tropic of Cancer, Tropic of Capricorn, Arctic and Antarctic Circles.
- Locate the Great Barrier Reef and research some animals that live there.

- Make a tourist leaflet for people visiting Australia's Great Barrier Reef.
- Find out about an aspect of environmental issues facing the oceans such as overfishing, plastic pollution, oil spills, tourism or coastal erosion. Create a poster that tells people about the problem and what they could do to help.

Creative

- Draw the view of the ocean you might see if looking through the window of a submersible.
- Paint a seascape picture.
- Design an 'under the sea' board game. What creatures might your counters represent?
- Create a poster to promote water/sea safety.
- Design and make a submarine.
- Find out about the different layers of the ocean, what they are called and the different creatures that live in them. Use a box to create an underwater world to show the different layers of the ocean and the creatures that live there. <https://www.lonelyplanet.com/articles/lp-kids-activity-make-an-underwater-shoebox-scene> - for some inspiration.

Useful websites and video clips

Billy Blue Hair – How deep is the ocean? https://www.youtube.com/watch?v=5zSdaCUCe_s

Deep Seabed – BBC Blue Planet <https://www.bbc.co.uk/programmes/p00hn502>

The twilight zone <https://www.bbc.co.uk/programmes/p0151hmz>

The Great Barrier Reef <https://video.nationalgeographic.com/video/00000144-0a20-d3cb-a96c-7b2de9850000>

What is a food chain? <https://www.bbc.co.uk/bitesize/topics/zbnnb9g/articles/zwbtxsg>
<https://www.bbc.co.uk/bitesize/clips/zws87hv>

HMS Challenger - https://www.youtube.com/watch?time_continue=27&v=5_ikP-N6Zuw&feature=emb_logo