

Home Learning Ideas!

Munch, Munch!



These activities are ideas for things for you to try at home. You can do all of them, choose the ones that you find most interesting or invent your own. Have fun!



Looks Fishy

Maybe you'd like to ...

- Visit an aquarium.
- Head off to a beach and look for signs of sea life.
- Make a map of a treasure island. It could have coordinates, clues, codes and riddles to help find the treasure.
- Find and read stories, myths and legends about the sea, or write your own.
- Design or make your own submarine or sea vessel, maybe from recycling.

Word Quest

Use a dictionary to make your own oceans glossary with definitions. Here are some words to get you started:
aquatic
marine
ocean
oceanography
pollution
species
Make a whole list
And create a word search



Marine Research

Use the internet or information books to find out about the world's five oceans. Try making a map of the oceans and seas with facts about each. You could include older maps of what people once thought the world looked like.



Blue Planet

Use your research skills to find out about ocean zones (sunlight zone, twilight zone and midnight zone) and the marine animals that live there. What similarities or differences are there between them?
You could draw or write about each or become the next David Attenborough and film your own documentary!



Zany Zoology

Find out about weird and wonderful marine animals, e.g. the deep-sea angler fish, the gulper eel or the Greenland shark!
You could sketch some animals, write about them, or create your own deep sea creature. What adaptations help them survive in a particular ocean or ocean zone?



Marine species rely on each other as a food source. Find out about marine food chains and draw some of your own.

Invent some fishy dishes and menus and maybe even try some cooking.

Bon appétit!



Home Learning Ideas!



Discoveries of the Deep

Significant people, events and technology of the past and present have helped scientists learn about the oceans. What contributions have these made to our knowledge about oceanography?

- Cornelius Drebbel: 1620
- HMS Challenger: 1872–1876
- Jacques Cousteau: 1943
- Deepsea Challenger: 26th March 2012

Make Your Own Discoveries

What else can you find out about the world's oceans, marine life or ocean exploration?



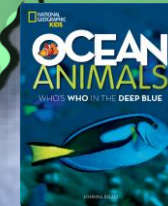
True or False?

Are these statements true or false?

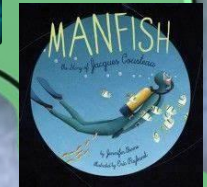
- The Great Barrier Reef lies off the coast of Africa.
- The Great Barrier Reef gets its name because it acts as a barrier between the coast and the large waves of the Indian Ocean.
- The Great Barrier Reef can be seen from the International Space Station.
- The Great Barrier Reef is the world's largest living structure.
- Very few marine species inhabit the Great Barrier Reef. The only creatures living here are sea urchins and barrel sponges.
- Captain James Cook and his crew were sailing up the coast of Australia in 1770 in their ship, HMS Endeavour when they discovered the Great Barrier Reef by crashing into it.
- Climate change is not changing or posing a danger to the Great Barrier Reef and other coral reefs of the world.

Find your own facts to make an oceans quiz!

Good Reads



Join the library if you're not a member already. You can borrow books for free!



Beneath the Waves

Look at marine artwork by artists, e.g. Amber Marine, Jenny Berry and Michael Hoffman or Japanese artist Hokusai. Choose an artist you like and use their style as inspiration for creating a marine-inspired artwork. Consider texture, pattern and colour in your creations.

Have a go too at creating a picture in a bottle, a portrait of a pirate or a clay or playdough model of a marine animal!



Useful Websites

- DKfindout!** – Oceans of the World
- BBC Bitesize** – What is a food chain?
- BBC Teach** – Food chains and food webs in animals – Science KS2/KS3
- BBC Four** – Nature's Microworlds, The Deep Sea, Twilight zone
- BBC One** – Blue Planet II, Series 1, The Deep
- National Geographic** – Ocean
- Wildlife WWF Australia** – The Great Barrier Reef

- Linda Hall Library** – Cornelis Drebbel
- Dive & Discover** – The Challenger Expedition
- Britannica Kids** – Jacques Cousteau Kids – Homework Help
- National Geographic** – DEEPSEA CHALLENGE Expedition – James Cameron
- Greenpeace UK** – Ocean sanctuaries

Save Our Oceans!

Global warming, pollution, overfishing, and coastal development are destroying many marine habitats. Use your research skills to find out how these are affecting the world's oceans, marine life and coastal areas. How can conservation help? Create a presentation, podcast, blog, newspaper report or poster.

Share with us at school

We'd love to hear about your learning at home. We look forward to you sharing with us. Don't forget you can send things on Seesaw too!

