

Oceans - Summer 2

Homework Project

1) All children should **read daily** at home – either to an adult or by themselves. Reading non-fiction books and audio books are great ways to engage your child in reading.

2) In addition, all children in Year 5 should know their **timetables** but if they aren't yet confident, they should practise them regularly until they become fluent. TTRS or 'Topmarks Maths' are fun, online ways of practising tables.

3) It is also important to practise spellings. In addition to the spelling lessons we do in school using our spelling scheme, I have attached a booklet that the children might like to use at home.

4) In **Geography** this half term, we are going to study a unit called 'Why do Oceans Matter?' We would like you to complete a mini project on oceans to present in the last week of the half term. Below are some ideas that you might like to choose from:

1) Design Your Own Deep-Sea Creature

Draw, model or make a puppet of a brand-new ocean creature.

Explain: What it eats and how it hunts. How it survives the pressure and darkness. Any special adaptations (glow-in-the-dark skin, huge eyes, fins like wings)

2) Ocean Explorer Diary Entry

• Write a diary entry as if you are a marine biologist.

You might want to watch a 'Deadly 60' or 'Deadly Mission Shark' episode presented by Steve Backshall on the iPlayer to help you.

Include:

- What you discovered
- How you felt
- A surprising or mysterious moment
- How people can help the ocean's creatures

3) Map the Oceans Challenge

Draw a world map and label:

- The five oceans
- Major seas
- A few famous trenches or reefs
- Add a compass rose and a key.

4) Coral Reef Art Project

Create a colourful coral reef scene perhaps using any of the following:

- Tissue paper
- Recycled materials
- Pastels or watercolours
- Add labels for different coral types or reef creatures.
- Also how can we protect coral reefs?

Seaside Visit

If you happen to be lucky enough to visit the seaside for a weekend, then the following might be fun options. You might still like to do them in the summer holidays if go on holiday. **(Make sure you have an adult supervising you with the tasks below.)**

1. Be a Rock Pool Detective

Look carefully in shallow rock pools at low tide

- Spot creatures like crabs, limpets, anemones, and tiny fish
- Can you sketch or take pictures of what you find?

Challenge: How many different species can you find?

2. Mini Bird-Watching Mission

- Sit quietly for 5 minutes
- Note the birds you see or hear
- Can you photograph any?
- Look at their behaviours: diving, gliding, hopping, calling

3. Tracking Clues

Look for signs of wildlife rather than the animals themselves:

- Footprints in sand or mud
- Feathers
- Nibbled leaves
- Burrows or holes
- Droppings (observe only, no touching)
- Photograph some and add a label to suggest which animal left the clue.

4. Scavenger Hunt

Take a walk along a beach and see what you can spot. Photograph or list what you find. Here are some ideas.

- Shell(s) - how many different species can you find?
- A smooth pebble
- A piece of seaweed
- A feather
- A fossil (tricky challenge!)
- Something that has been shaped by the waves (driftwood, worn stone)

Bonus challenge: Find a "mermaid's purse" (shark or ray egg case).