

TOPIC PACKS · GRADES K–3

Under the Sea

A cross-curricular themed week

Suggested timetable

Day	Subject	Activity
Monday	Science	Sea creatures — what lives where
Tuesday	Maths	Sorting and counting fish; underwater shapes
Wednesday	English	Descriptive writing — a magic underwater world
Thursday	Art	Class aquarium — paint, cut, display
Friday	Geography	Oceans of the world — meet the five oceans

Day 1 — Where sea creatures live

<p>Surface (top of the ocean)</p> <p>Sunlight reaches here. Lots of plants, lots of small fish. Dolphins, seabirds diving for food, jellyfish, flying fish.</p>	<p>Middle (50m to 200m down)</p> <p>Less sunlight. Bigger fish hunting smaller ones. Sharks, tuna, octopus, sea turtles.</p>
<p>Deep (over 200m down)</p> <p>No sunlight at all. Very cold and dark. Strange creatures with their own glowing lights — anglerfish, giant squid, deep-sea jellies.</p>	<p>Sea floor (the bottom)</p> <p>Crabs, lobsters, starfish, sea cucumbers. Creatures that hide in sand or live among coral.</p>



Day 1 sorting game

Print a poster of the ocean with all four zones marked. Display creature pictures around the room — children take turns picking one and placing it in the correct zone. Discuss: Why do some creatures glow in the deep? (To attract food or find each other in the dark.)

Day 2 — Maths (45 min)

FISH SORTING: Print fish in different colours, sizes and patterns. Children sort by: • Colour • Size (small / medium / large) • Stripes / spots / plain • Number of fins **UNDERWATER SHAPES:** Look at sea creatures and identify the shapes inside them. A starfish is a 5-pointed star. A jellyfish is a half-circle/dome. A crab has many small triangles in its legs. Children draw their own sea creature using only shapes they know — circles, triangles, rectangles, squares.

Day 3 — English (45 min)

MAGIC UNDERWATER WORLD: 'You suddenly grow gills and can breathe underwater. You dive down...' Children describe what they see, hear, smell and feel. Encourage adjectives: • What COLOUR is the water? (Sparkling blue? Inky black?) • What SHAPES move past you? (Wiggly fish? Drifting jellyfish?) • What can you TOUCH? (Smooth seaweed? Bumpy coral?) • Who do you MEET down there? **MODEL OPENING:** 'I took a deep breath and felt my new gills open. The water rushed past me as I dived down, down, down...'

Day 4 — Class aquarium (60 min)

Cover one wall with blue paper for the sea. Children make sea creatures from paper, paint, tissue and bubble wrap (great for fish scales). Stick everything onto the blue background to make a giant class aquarium. **TECHNIQUES:** • Bubble wrap pressed in paint and stamped = fish scales • Cotton wool dipped in paint = bubbles or sea foam • Strips of green crepe paper = seaweed • Plastic googly eyes (if available) = fish faces that pop Label each creature with the maker's name and what it's called. Display in a corridor for the school to see.

Day 5 — Five oceans of the world

Ocean	Where it is	Fact
Pacific	Between Asia and the Americas	Biggest ocean — covers a third of Earth
Atlantic	Between Europe/Africa and Americas	Second biggest
Indian	Below Asia, around India	Warmest ocean



Ocean	Where it is	Fact
Southern	Around Antarctica	Coldest — full of icebergs
Arctic	Around the North Pole	Smallest, often frozen on top

