

TOPIC PACKS · Y1-Y5

# Oceans & Marine Life

Five days exploring 71% of our planet

## Day 1 — The four (or five) oceans

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## Day 2 — Ocean zones

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**Day 3 — Marine animal classification**

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**Day 4 — Ocean threats**

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**Day 5 — What's being done & what we can do**

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**The five oceans — quick reference**

Ocean	Size	Notable feature
Pacific	Largest — about 1/3 of Earth's surface	Mariana Trench (deepest point on Earth)
Atlantic	Second-largest	Younger than Pacific; still widening



Ocean	Size	Notable feature
Indian	Third-largest	Warmest ocean overall
Arctic	Smallest	Mostly covered in sea ice — shrinking due to climate change
Southern	Around Antarctica	Coldest — surrounds Antarctica completely

## Ocean facts to wow children with

**How much of Earth is covered by oceans** 71% of Earth's surface — and 99% of all life-supporting space (because oceans are deep)

**Deepest point on Earth** The Challenger Deep, in the Mariana Trench, Pacific. About 11,000m down — deeper than Mount Everest is tall

**Largest animal ever to live** The blue whale — bigger than dinosaurs. Up to 30m long, 200 tonnes

**How long whales can hold their breath** Sperm whales — over 90 minutes

**How much of the ocean we've explored** Less than 25% mapped in detail. We have better maps of Mars than of our own ocean floor

**Where most ocean life lives** The top 200m — the sunlight zone — because plants need sun to make food

**Ocean noise pollution** Ships, sonar, and oil exploration create underwater noise. Whales and dolphins use sound to communicate — noise pollution hurts them

