Secrets Beneath the Waves

Year 4 • Hot-Weather Home Learning

Quiet indoor activities using everyday materials.

Choose two or three activities each day, with breaks between them.

1. Dive through the ocean zones

Watch an ocean-zones video with an adult. Draw and label five zones: sunlight, twilight, midnight, abyss and trenches. Explain how light changes as you travel deeper.



Source: WHOI

2. Sea-creature detectives

Research four sea creatures. Draw them on cards and label their features. Sort them into vertebrates and invertebrates. Invent another way to group them.



Source: National Geographic Kids

3. Who eats whom?

Explore an ocean food chain with an adult. Make cards for each living thing and arrange them in order. Add arrows from the food to the eater. Explain what the arrows mean.



Source: Marine Conservation Society

4. Make a jellyfish model

Make a paper-bowl jellyfish, using scrap paper for decorations. Add a fact label explaining why a jellyfish is an invertebrate. Ask an adult to help with cutting.



Source: National Geographic Kids

5. Submarine in a bottle

With an adult, follow the museum's investigation to make a small submarine rise and sink in a plastic bottle. Predict what happens when you squeeze it. Draw your observations.



Source: Birmingham Museums

6. Become an ocean protector

Explore plastic pollution with an adult. Find three disposable plastic items at home and suggest reusable alternatives. Create a poster about protecting marine life.



Source: WWF

Creative challenge: Into the Deep

Write a short submarine adventure. Include three accurate facts and explain how one creature survives in its habitat.

Share your learning with a drawing, a few sentences or a short spoken explanation. No printing needed.