

This document is intended to be used as an example programme for the KS2 Virtual Tour. Delivery content may vary on the day, in accordance with student programme and aquarium exhibit access.

Location	Tour Element	Content / Key Questions	Keywords	Duration	Science curriculum links
Plymouth Sound Exhibit	Introduction	Pupils will be introduced to their tour guide, who will provide an overview of how the tour will run.	/	5 mins	/
	Rockpool and Wave Tank	Pupils will be introduced to animals from our local shores! They will learn some weird and wonderful facts about our local residents, with a focus on those who live in rockpool habitats. They will be asked to discuss the following question: What threats are there to animals in rockpools? Once they have had a couple of minutes to discuss, their guide will reveal some fascinating ways in which these animals are adapted to survive.	Camouflage, adaptation, ecosystem, predators, prey.	15 mins	Local habitats and adaptations.
British Coasts Exhibit	Jewels of the Sound	Pupils will get to learn more about the adaptations of Ocean creatures. They will also discover the unusual lifecycles of two of our favourite residents, the seahorses and octopuses.	Lifecycle, offspring, juvenile.	5 mins	Local habitats and adaptations. Lifecycles.

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	Eddystone Reef	Here, the discussion will focus on the classification of vertebrates including mammals, reptiles, and fish! The guide will deliver this through a short interactive quiz. Pupils will not only learn about the magnificent sea creature models hanging above them, but also the wide variety of local species in the tank. They will discover which ones we eat and how humans are impacting our Ocean through different fishing techniques.	Vertebrate, invertebrate, classification, exoskeleton, endoskeleton, conservation.	10 mins	Classification. Skeleton and muscles. Human impact.
Atlantic Ocean Exhibit	Atlantic Ocean Tank	Pupils will learn all about species that can be found in the Atlantic Ocean, including our massive sharks, rays and turtle! They will find out about their diet, how they are adapted for feeding in the Ocean and different predator-prey interactions.	Food chain, producer, prey, tropic levels, nutrition, opportunism, scavengers.	10 mins	Food chains (producer, predators, prey etc) Nutrition.
	Atlantic Ocean Tank	How did sharks evolve, and how do we find out about extinct species? Pupils will get a close-up look at our sharks and learn about how their incredible adaptations allow them to be at the top of the food chain.	Evolution, adaptation, fossils, survival of the fittest.	15 mins	Evolution. Fossils. Skeletons and muscles.
Blue Planet Exhibit	Biozone	This is a fantastic area for pupils to learn about coral reefs as an Ocean ecosystem. They will learn all about how animals interact with each other and their environment and consider how humans are having an impact on Ocean habitats. Pupils will be shown some unhealthy coral and asked to discuss the question: ' what could have happened to the coral? '	Global warming, ocean acidification, ecosystem.	10 mins	Coral reef habitats and ecosystems. Human Impact.

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	Great Barrier Reef	The tour will finish with an introduction to the largest living structure on the planet – the Great Barrier Reef! A discussion about biodiversity will take place here, and pupils will learn that even though these animals can be found on the other side of the world, our one big Ocean connects us to them.	Biodiversity, gas, liquid, solid, evaporation, precipitation.	10 mins	States of matter.