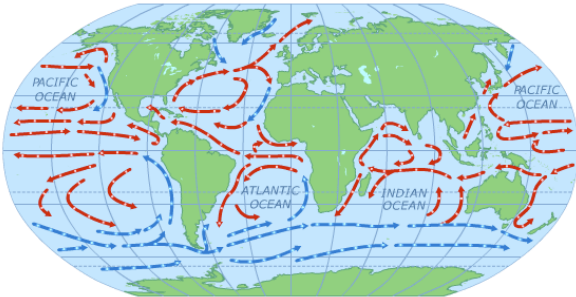
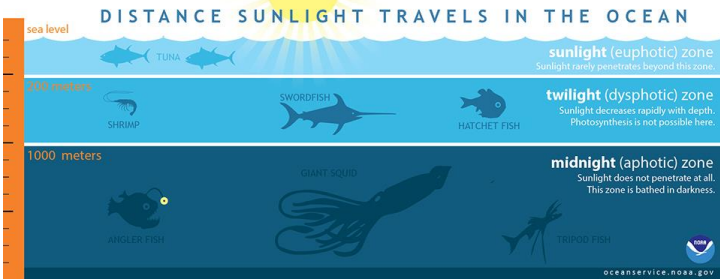


Colney Heath School ~ GEOGRAPHY

Topic: Marine biome / Ocean currents	Year: 6	physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle	
What should I already know?	Diagrams	Vocabulary	
There are five oceans. Plants and animals live in them. – Yr3		gyres	A spiral or vortex in the sea
Our country is an island that is surrounded by sea. Yr2 / Yr3		Saline	Salt water/ sea water
Names of seas around UK – Yr5		Twilight zone	Middle level of the ocean; not much light can penetrate;
Water cycle / Environmental change– Yr4		bays	Wide curve where the sea meets the land.
Biome / Moon & Pull of gravity . Yr5		gulfs	Inlet of the sea
By the end of our project we will know that:		photosynthesis	The process where plants turn carbon dioxide into oxygen.
<p>Location: The marine biome includes the five main oceans: the Pacific, Atlantic, Indian, Arctic and Southern, as well as many smaller gulfs and bays.</p> <p>Physical features: The ocean is divided into three vertical zones based on depth and light level. An ocean current is a continuous movement of ocean water from one place to another. Ocean currents are created by wind, water temperature, salt content and the gravity of the moon.</p> <p>Diversity: There are many species of plants and animals in the oceans.</p> <p>Human Feature: Marine Pollution – plastics it’s impact on marine biome</p>			
	Sunlight zone	Top level of the ocean where plants can grow; light can penetrate here	
	Midnight Zone	Lowest level of the ocean; no light penetrates; creatures that live here feed on dead animals; some make their own light	
The Big Picture – physical geography		Location. Physical features, Diversity, Human features	