

Year 5 Geography *Oceans*

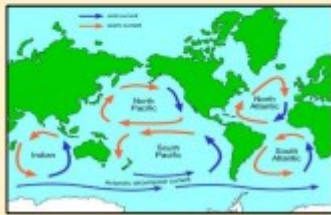
Important maps I will refer to



The World's Oceans



The World's largest seas



Ocean gyres



Ocean garbage patches

Important fieldwork techniques I will use



Quadrat sampling

Important ways of transporting cargo I will understand



Container ships

Important geographical techniques I will use

Fieldwork	Random sampling using a metre quadrat, recording results in tabular form and extrapolating data
Statistical representation	Drawing and interpreting: bar graphs, line graphs and proportional bars
Mapwork	World maps of oceans, seas, gyres and ocean garbage patches
Imagery	Terrestrial, aerial and satellite photographs (orientating with OS map locations) and GIS Google Earth Pro

Important vocabulary I will learn

Conservation	the protection of environments to prevent their loss or destruction
Raw material	things found in nature that are used to make products people use
Mitigation	reducing the serious effects of something
Coast	the area where the land meets the sea
Emission	the release of something such as a gas
Gulf	a long narrow passage of sea or ocean water into the surrounding land
Bay	a semi-circular area of sea water found along the coastline
Gyre	a large area of circulating ocean water
Biodegradable	something that can be broken down naturally by bacteria and microbes
Pollution	something added to the environment that is harmful to living things
Strandline	a line of seaweed and other material left on a beach at high tide
Validity	something that is real and factually correct
Trustworthy	something reliable and dependable

Important geographical concepts I will understand

Environment	the particular physical and human features of places around the world
Processes	the natural events and human actions that bring about change in places
Interdependence	how people and their environments are connected and rely upon each other
Economic activity	manufacturing a good or providing a service that is bought by people
Sustainability	improving the quality of life of people without having a negative impact on the environment
Trade	buying or selling goods and services between people or countries
Distribution	the arrangement or pattern of where physical and human features are located
Transport	move people and goods from one place to another using a vehicle, aircraft or ship
Ecosystem	the community of living things to be found in a particular area which depend upon each other
Location	the position of something on Earth

Important people I will meet



Sylvia Earle



Moby Duck

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