

Please be familiar with the following terms below...

<u>Column A</u>	<u>Column B</u>	<u>Column C</u>	<u>Column D</u>
Primary Coast	Secondary Coast	Fjord	Inverse Estuary
Drowned River Valley	Delta	Fault Bay	Lava Coast
Offshore	Backshore	Foreshore	Summer Berm
Moraine	Well-mixed estuary	Winter Berm	Jetty
Groin	Longshore Transport	Swash	Dune Coast
Residence Time	Bathymetry	GPS	Lithosphere
Plate Tectonics	Spreading Center	Moho	Transform Fault
Divergent Plate Boundary	Rift Zone	Basalt	Passive Margin
Hydrothermal Vents	Crust	Mantle	Continental Drift
Isostasy	Asthenosphere	Guyot	Continental Shelf
Continental Margin	Turbidity Currents	Seamount	Abyssal Plain
Neritic Sediment	Terrigenous Sediment	CCD	Biogenous Sediment
Manganese Nodules	Cosmosgenous Sediment	Corer	Attenuation
Convection	Conduction	Fog Types	Radiation
Eleven Major Constituents	Buffer	Salinity	Anoxic
Reverse Osmosis	Chlorinity	El Nino	Isohaline
Troposphere	Isopycnal	Doldrums	T-S Diagram
Coriolis Effect	Caballing	AABW	Thermocline
Upwelling	Downwelling	CTD	Overturn
Ekman Transport	Geostrophic Flow	Gyres	Eddies
Convergence	Wavelength	Amplitude	Wave Train
Episodic Waves	Wave Steepness	Fetch	Reflection
Deep Water Wave	Shallow Water Wave	Refraction	Diffraction
Plunges	Seismic Wave	Crest	Internal Wave
Generating Force	Tsunami	Neap Tide	Spring Tide
Semi-Diurnal Mixed Tide	Flood Tide	Ebb Tide	HHW
Tidal Bore	Standing Wave	Range	Standing Water
Lagoon-Type Estuary	Silt	SAV	Marsh

Topics:

Introduction to Oceanography including Navigation
 Geological Oceanography including Bottom Composition
 Plate Tectonics
 Properties of Water including fog types
 Ocean Water and Layering
 The Ocean and Atmosphere
 Ocean Currents and Circulation
 Waves: Shallow and Deep Water Waves
 Tides
Bays, Estuaries and Coasts
Laboratory and Field Experiences