Welcome

to

Year 9 Marine Biology

Congratulations on taking this course! You have made a wise decision – not only will you learn about the ocean but you will also learn various skills including snorkelling skills, research skills, dissection skills and microscope skills.

Week	Topic	Class/Lab work	Assessment	You will learn:
1	**Marine Diversity** - Taxonomy - Microscopes	Microscope skills	Identification of species	- How to use a microscope
2	- Food chains FUNDRAISING IDEAS - Biological drawings - Dissection skills	Build a food chain Species assignment Biological drawing Mussel dissection	Species Assignment Dissection skills	- How to research a choosen topic - How to dissect safely
3	**Aquaculture** - what is aquaculture - which methods are used - which species are farmed	Note taking Research	Aquaculture poster	- How to use visual skills
4	Snorkeling skills	EOTC	Snorkeling skills	- How to snorkel safely - How to identify some species
5	**Fisheries** - types of fishing - species fished & why - affect of fishing	Guest speaker – Honorary Fisheries Officer ICT	Fisheries Assignment	- How to fish at a sustainable rate
6	Fundraising	Car Wash		
7	**Marine Issues** - what issues exist in NZ - possible solutions Action! - take action on a chosen issue (follow issue flowchart)	Research issues Choose an issue Decide on the action Action the action!	Presentation on issue Action taken (eg letter to paper and/or Minister; community presentation)	- How to use power point - How to speak to a group effectively
8	**Conservation** - what is it - what types exist - what are MR's **Overview** - self & peer assessments - option assessment	Expert groups on various case studies Discuss learning points	Presentations: verbal or written Self assessment Peer assessment Option assessment	- How and where Marine Reserves are set up in NZ - How the effort you put in relates to how much you learnt
9	- Kelly Tarltons	EOTC	Identification skills Listening skills!	- How to identify more marine species