

Te Paepae o Aotea Science Badge

MARINE BIOLOGY			
<i>Complete 20 stars</i>			
Rating	No	Exercises in Marine Biology	Sign
***	1	Set up a salt water aquarium and keep a diary of what you observe in it	
**	2	Make a neat drawing of a rock pool with names of plants and animals present	
**	3	Carry out feeding experiments with animals in a pool or aquarium	
*	4	Make a collection of empty shells from a particular site – beach or rock shore. Mount them and name them	
*	5	Make a poster about conserving certain types of fish or sea mammals or sea birds	
*	6	Write a poem about animals of the ocean or sea shore	
**	7	Make a tape recording of different marine sounds such as a variety of waves or sea birds, etc	
• *	8	Describe in detail a mask and snorkel dive you have made to look at interesting sea life	
*	9	Describe a visit to a marine reserve giving details of the reserve	
*	10	Write an account of a fishing outing you have been on, and say how you think we should avoid catching too many fish which would make it harder for fishing in the future	
**	11	Collect information on commercial fishing of a particular species and say how a balance is kept between economic fishing and over fishing	
**	12	Look up and read about a major marine research trip like a voyage of the “Challenger”. Write a short paragraph about your thoughts on the trip	
*	13	Make a collection of posters showing as many types of marine organisms as possible	

**	14	Look up the theory of how tides work and	
----	----	--	--

		write a short explanation with diagrams	
**	15	Draw a simple map of New Zealand, sketch in the main ocean currents and describe the difference between currents and tides	
*	16	Draw a picture of a commercial fishing boat to show how the fishing gear works and also where the crew live on board	
**	17	Give a five minute talk on any aspect of marine biology you enjoy	