

# Marine and Freshwater Biology

Exercise	Star Rating	Teacher/ date
1. Collect some empty shells from a beach or shore – stick them onto some card and name them.	*	
2. Make a poster about a type of fish or sea mammals or sea birds. Explain how to conserve the animal in your poster.	*	
3. Write a poem about something that lives in the salt or freshwater.	*	
4. Make a tape recording of different marine sounds such as seagulls at the beach or crashing waves etc.	**	
5. Describe how to wear and use a mask and snorkel to look at sea life. Also explain how to look after your mask and snorkel.	*	
6. Describe a visit to an aquarium or marine reserve, describing what you saw (can have been on a previous visit)	*	
7. Write a story of a fishing trip you have been on. Explain how you think we should avoid catching too many fish.	*	
8. Draw a picture of a commercial fishing boat to show the type of fishing gear and where the crew live.	*	
9. Set up an aquarium and keep a diary of what you observe in it (or for one star you can keep a diary on an aquarium that is already running)	***	
10. Make a neat drawing of a rock pool with at least 4 plants and 4 animals in it. Label the living things with their names.	**	
11. Carry out a feeding experiment with animals in an aquarium.	**	
12. Collect information on how commercial fishing of a fish around Scotland has changed in the last 50 years.	**	
13. Look up and read about a major marine research trip like the voyage of the "Beagle". Write a short paragraph about your thoughts on the trip.	**	
14. Make a collection of at least 6 newspaper stories showing as many types of marine organisms as possible.	*	
15. Look up how tides work and write a short explanation with diagrams.	**	
16. Give a 5 minute talk on any aspect of marine or freshwater biology you enjoy.	**	
17. Find out why Tilapia are better than Salmon for future fish farms.	*	
18. Pretend to be a water molecule and explain your way round the water cycle.	*	

## Science Award Activity Sheet

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