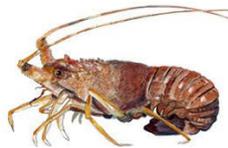


SCIENCE BADGE - FISH - Marine Biology



Your challenge is to complete 8 crayfish

Once you have achieved this, hand your learning in to be marked, and earn 2 points for your CV



1. Visit a local rock pool - take pictures of the rock pool, add them to a doc.
 - a. Observe the pool and take pictures or draw any plants and animals present.
 - b. Give these plants and animals their scientific name



2. Make a collection of empty shells from a particular site – beach or rock shore. Make them into an interesting mobile
 - a. Take photos of the completed mobile, add to a doc then write a list of (no more than 10, no less than 6) instructions to make the /a sea shell mobile



3. Write a poem about animals of the ocean or sea shore. (A4 sheet)



4. Research and draw/copy and paste/photograph the equipment needed to scuba dive
 - a. Explain the role of each piece of equipment and why it is necessary
 - b. Find out about Jacques Cousteau - present a short (½ page fact sheet about Jacques Cousteau)



5. 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. ((A4 sheet)



6. At the NP boat ramp is a sign explaining fish size and where you can and cannot fish
 - a. Make a list of the fish, their sizes, the numbers you can take/catch
 - b. Carefully draw/copy/photograph the map of the where you can fish
Underneath it give instructions sharing the why and the what of the rules



7. 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.



8. Look up the theory of how tides work and write a short explanation with diagrams.



9. Draw a simple map of New Zealand, sketch in the main ocean currents and describe the difference between currents and tides.



10. Draw a picture of a commercial fishing boat to show how the fishing gear works and also where the crew live on board.