



## Rocky Shore visit lesson plan

### Introduction / talk

Duration: 15 minutes

All children sitting on grassy area to discuss the following:

Introductions of aquarium staff/ Welcome

Handing out Rocky Shore Identification Charts

Two points for safety:

1. Children to look out for themselves and be careful.
  - How have they looked after themselves today already? Sunscreen and hats.
  - Walking on the tops of rocks is unsafe, try to walk on ground or make sure rock is stable before standing on it.
  - Watch out for advancing waves, never forget the sea is there and look for changes in the sea- big waves.
2. Children to be careful of animals.
  - Camouflage can hide animals so watch where you step.
  - If they handle animals they should wet hands before to protect animal's skin from being burned.
  - If they move rocks, put them back where they found them. That rock is the home to many animals and would the children want their house taken from them?
  - Reminder to collect any litter as it is bad for shore life.

Focus points while looking for animals:

1. How do the animals move? Fins, legs, a muscular foot
2. What protection do they have? Camouflage, spines, suction, nippers, hard shell, hiding
3. Where do they live? On top of the rocks, under the rocks, around the rocks  
Brief look at four tidal zones on the chart.
4. What do they eat? Discuss carnivore, herbivore, filter feeders and omnivores.

### Rocky shore gathering

Duration : 30-45 minutes

Group at shoreline looking for animals. Aquarium staff wandering to identify animals and motivate/encourage children.

### Close identification

Duration: 15 minutes

Group gathers on the grassy area to sit and discuss what they have seen. Aquarium staff will assist with identification at this stage.

Visit National Aquarium website [www.nationalaquarium.co.nz](http://www.nationalaquarium.co.nz) to download Rocky Shore pre and post activities under the Education tab.

\*\*\*Please note that when visiting Hardinge Road to put all bags on the buses or in cars as we have had some thievery there.