

## Mountains to Sea Programme Outline

The Mountains to Sea programme empowers schools and communities by providing hands-on experiences in marine and freshwater environments.

The Mountains to Sea Conservation Trust – Experiencing Marine Reserves (EMR) and Whitebait Connection (WBC) programme specialises in marine and freshwater education. The programme involves investigating marine/freshwater biodiversity and local marine/freshwater environments before venturing to a fully protected marine reserve and pristine waterway. After this experience, students are able to compare unprotected and protected areas and are supported to put their knowledge into action within the community.

Mountains to Sea coordinators offer guidance, direction and coordination of classroom exercises and field trips to the ocean and stream. We also provide snorkel equipment, instruction, resources and snorkel/stream risk management.



Day	Activity	Description (based on 60 students participating)	# Days
1	Classroom Sessions	<i>In school</i> Rotation of 3 x 1hr activities with 20 students: - Introduction to marine biodiversity. - Introduction to freshwater biodiversity - Para Kore Ki Tamaki presentation	1
2	Pool Session & Field trip preparation	<i>At school or council pool</i> Rotation of 3 x 1.5hr activities with 20 students: - Learn to snorkel in the pool - Learn how to carry out water testing and biodiversity surveys - Learning journal/lunch	1
3	Local Investigation	<i>At their local beach and local stream</i> Rotation of 3 x 1.5hr activities with 20 students: - snorkel or kayak at local beach (location dependant) - Marine and freshwater themed games - Stream testing and biodiversity survey - Lunch and clean up of local area	1

4	Pristine Investigation	<i>At Goat Island</i> Rotation of 3 x 1.5hr activities with 20 students: - Snorkel at Goat Island - Guided walk and stream survey - Relax/have lunch	1
5	Action Planning workshop	<i>At school</i> 1.5hr workshop for 60 students: - Brainstorming local threats and issues - Brainstorming solutions - Preparing action projects	1
6	Action Marking & Evaluation	<i>In school</i> Rotation of 2 x 2hr activities - Presenting/ marking action projects - Doing programme evaluation	1



Please check out our information for educators page on our website for more resources and health and safety documents.

<https://emr.org.nz/index.php/education/information-for-educators>