

Enviroscapes – an Introduction to Water Pollution

Overview

We all live in a water catchment where water pollution comes from many sources. Nonpoint source, or run off pollution, contribute a great deal to the pollution in our water bodies. The combined effect of pollution from many small sources can have a real impact on the quality of our shared water resources.

Enviroscapes® is a water catchment model which has a range of activities which help students to identify the types of non-point source pollution, coming from both urban and rural areas, and how they can impact water quality.

Sources of run off/non-point source pollution	Types of pollution
<ul style="list-style-type: none">• Residential areas• Storm water• Forestry areas• Transportation• Recreation• Agriculture and construction	<ul style="list-style-type: none">• Rubbish/litter• Sediment (soil)• Fertilisers• Pesticides• Animal faeces/urine• Oils and chemicals

Students will also discuss ways to mitigate the pollution to keep our waterways healthy, such as reducing litter, storm water health, riparian planting, and fencing animals from waterways.

How to book

Enviroscapes takes approximately One hour. This activity involves audience participation so a class size of no more than 30 is ideal. Smaller numbers work better. This is a great precursor to conducting a [Waiora stream study](#), where students conduct a water quality study at a location of your choice.

To book a session(s), contact our Environmental Educator on education@horizons.govt.nz



Students completing activities with the Enviroscapes model