

Lesson 6

Years	Duration
0-4	1.5 hours +

Bugs

Class-based lesson and field trip

Your students will learn about:

During this lesson, we teach your students what each of the different freshwater bugs (macroinvertebrates) living in our waterways look like. They can determine the water quality in the waterway based on which bugs they find.

If your local waterway is shallow and easy to access, your students can collect the bugs themselves by scooping them into empty ice-cream containers. If access is more difficult, adult supervisors will collect the bugs.

Students then examine the bugs through magnifying glasses and identify them against the 'bug sheet', while learning about what the presence of each bug means for water quality.

Book the lesson

To register interest please email education@water.co.nz

For more information visit watercare.co.nz/water-education

What you will need to provide for the lesson:

- Laptop and data projector to show a PowerPoint presentation
- Whiteboard and marker pens

Before the field trip:

- Identify a freshwater stream, creek or storm-water pond within walking distance of your school
- Recruit adult helpers to accompany children to the waterways
- Carry out a risk management assessment.

You may also like to download the following resources from watercare.co.nz/kids-stuff

- 20+ amazing water facts
- Learn about the water cycle
- Water-wise tips and tricks
- Download activity sheets and games

NZ Curriculum

See how this lesson relates to the curriculum [on this page.](#)

This is a guided activity with one of Watercare's own education co-ordinators.