

## Lesson 4

Years	Duration
5-8	1.5 hours

# Wastewater Rainbows

Class-based lesson

Wastewater isn't the most appealing thing to talk about, but it is vital that our entire community understands the wastewater process. We're proud to have developed a valuable lesson for students that will engage them despite the subject matter!

## Your students will learn about :

- What wastewater is
- How liquids and solids are treated
- How wastewater is disposed of
- How we managed wastewater many years ago

Your students will carry out a liquid density experiment in which they can change the density of different coloured water to make a rainbow.

## Book the lesson

To register interest please email [education@water.co.nz](mailto:education@water.co.nz)

For more information visit ...  
[waterforlife.org.nz/water\\_education\\_lessons](http://waterforlife.org.nz/water_education_lessons)

## What you will need to provide for the lesson :

- Laptop and data projector to show a PowerPoint presentation
- Materials for the experiment (small bottles of red, blue and yellow food colouring, and a small bag of table salt)

You may also like to download the following resources from [waterforlife.org.nz/kids-stuff](http://waterforlife.org.nz/kids-stuff)

- Māngere Wastewater Treatment Plant
- The Wastewater Process

## NZ Curriculum

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

For further resources about protecting our most precious resource go to

[waterforlife.org.nz](http://waterforlife.org.nz)

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

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