# Learning intentions:

- To understand what a drought is
- To understand how drought has impacted Auckland
- To find out how much of earth's water is consumable
- How to make small changes to save water at home and at school
- To make a rain gauge to collect and record rainfall

# Achievement objectives

## Nature of Science

**LEVELS 3 AND 4**

*Understanding about science*

- Appreciate that science is a way of explaining the world and that science knowledge changes over time.
- Identify ways in which scientists work together and provide evidence to support their ideas.

*Investigating in science*

- Build on prior experiences, working together to share and examine their own and others' knowledge.
- Ask questions, find evidence, explore simple models and carry out appropriate investigations to develop simple explanations.

*Communicating in science*

- Begin to use a range of scientific symbols, conventions, and vocabulary.

*Participating and contributing*

- Use their growing science knowledge when considering issues of concern to them.
- Explore various aspects of an issue and make decisions about possible actions.

## Material World

**LEVELS 3 AND 4**

*Chemistry and society*

- Relate the observed, characteristic chemical and physical properties of a range of different materials to technological uses and natural processes.

## Living World

**LEVELS 3 AND 4**

*Life Processes*

- Recognise that there are life processes common to all living things and that these occur in different ways.

## Physical World

**LEVELS 3 AND 4**

*Physical inquiry and physics concepts*

- Explore, describe, and represent patterns and trends for everyday examples of physical phenomena such as movement, forces, electricity and magnetism, light, sound, waves, and heat. For example, identify and describe the effects of forces (contact and non-contact) on the motion of objects; identify and describe everyday examples of sources of energy, forms of energy, and energy transformations.