

Learning intentions:

- To understand what wastewater is
- To understand how wastewater was treated many years ago
- To understand what happens to water after it goes down wastewater pipes
- To have some understanding that liquids and solids are treated differently at a wastewater treatment plant

Achievement objectives

Nature of Science

LEVELS 1 AND 2

Understanding about science

- Appreciate that scientists ask questions about our world that lead to investigations and that open-mindedness is important because there may be more than one explanation.

Investigating in science

- Extend their experiences and personal explanations of the natural world through exploration, play, asking questions and discussing simple models.

Communicating in science

- Build their language and develop their understandings of the many ways the natural world can be represented.

Participating and contributing

- Explore and act on issues and questions that link their science learning to their daily living.

Material World

LEVELS 1 AND 2

Properties and changes of matter

- Observe, describe, and compare physical and chemical properties of common materials and changes that occur when materials are mixed, heated, or cooled.

Chemistry and society

- Find out about the uses of common materials and relate these to their observed properties.

Physical World

LEVELS 1 AND 2

Physical inquiry and physics concepts

- Explore everyday examples of physical phenomena, such as movement, forces, electricity and magnetism, light, sound, waves, and heat.