

# Water cycle lesson

## CURRICULUM LINKS

### Learning objectives:

- To understand that water exists in three different states
- To understand that water is made of molecules
- To follow instructions accurately and carefully
- To use their science ideas and personal observations to make predictions

### 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 and asking questions

#### 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

### 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 to share and examine their own and others' knowledge
- Ask questions, find evidence; 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

## Planet Earth and Beyond level 1 and 2

### **Earth systems**

Explore and describe natural features and resources

### **Interacting systems**

Describe how natural features are changed and resources affected by natural events and human actions

### **Astronomical systems**

Share ideas and observations about the Sun and Moon and their physical effects on the heat and light available to Earth.

## Planet Earth and Beyond level 3 and 4

### **Earth systems**

Appreciate that water, air, rocks and soil, and life forms make up our planet and recognise that these are also Earth's resources.

### **Interacting systems**

Investigate the water cycle and its effect on climate, landforms and life.