



Water

Curriculum links:

- **Science** Living things
Environmental awareness and care
- **Geography** Human environments
- **SPHE** Myself and the wider world

Lesson objectives:

To be aware that water moves in a cycle and to explain what this means. To appreciate the need for clean water on the farm and to be able to distinguish clean water from dirty water.

Teacher guidelines

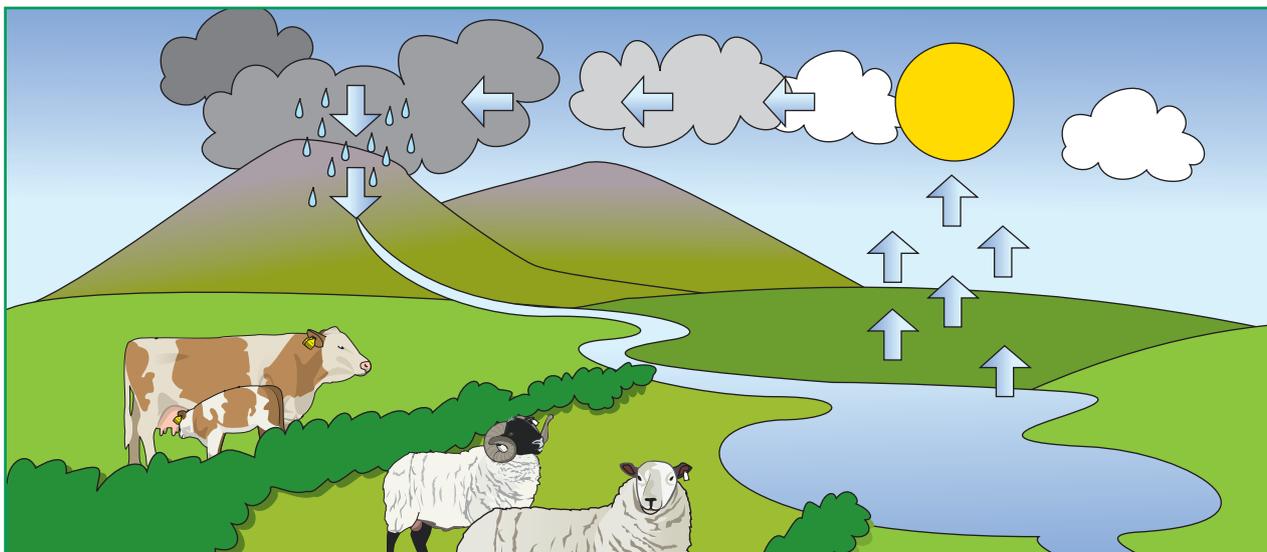
It is suggested that the teacher introduces students to the vocabulary and the basic concept of water before starting the lesson.

Keywords:

water clouds raindrops water cycle live smell

The way water moves

Water goes up and down and up, and back down again. Water on the ground (in puddles, rivers and oceans) is heated by the sun and rises up to the sky to form **clouds**. When it gets cold, water gathers and forms **raindrops**. These raindrops then fall to the ground and return to the rivers and oceans where the sun can heat the water back up again. This is called the **Water Cycle**.



Why does the farm need water?

All people, plants and animals need water to **live**, therefore the farmer has a very important job. He or she must make sure all the animals can get clean, fresh water whenever they want it. Cows need water to produce healthy milk for us to drink and sheep need water to grow. Even the crops in the field need water so we have fresh and tasty fruit and vegetables to eat.

How clean is your water?

The farmer always checks that the water on his or her farm is clean. Clean water is usually very clear and has no smell or foam. Dirty water can often be dull with a bad **smell**.



Suggested activities:

- Photocopy the activity sheet on page 55
- Get students to draw a simple diagram of the water cycle, including clouds and rain
- Get the students to compare a glass of clean water from a glass of dirty water and discuss the differences between both
- Cows drink approximately 100 litres of water each day! Explain to the class just how much that is (by bringing in a two litre bottle). Ask them how much water they would drink each day. Learn more about cows on the farm on pages 6 and 7 of *Dig In! Learning about Life on the Farm and Countryside Module 1*
- Invite a local farmer into the classroom and get him or her to discuss the importance of clean water
- For extension material, see Modules 2, 3 & 4

Learning outcomes:

At the end of this lesson, students should know about the water cycle and how important clean water is on the farm.

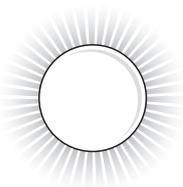


Water

Name: _____

Date: _____

- 1** Look at the water cycle
Fill in the missing letters



C L O U D

S U N

R A I N

- 2** Draw a picture of animals drinking water



Did you know?

Most (75%) of the earth is covered in water. That is why it is so blue to look at!

* To be used with teacher guidelines, page 30