

Water Use Relay

VELS Links

Science

English

Mathematics

Theme:

We use a lot more water than we think we do

Introduction:

A few simple actions can save a lot of water

Procedure:

- Tell your class you are about to do a relay race to work out exactly how much water different activities use in the home
- Place the two water containers in front of the group (you will probably need a little help to move the one with water in it) – they should be about 4 or 5 metres apart
- Line your class up facing the water containers
- Give the student in the front of the line the measuring jug
- Tell your students that you will read out different activities and how much water they use, and the kids will have to relay it to the big container
- Read out an activity and have the students use the measuring jug to fill the container – each student should have one go and then go back to the end of the line
- Once the kids have transported the correct amount of water, empty the second container (which you have been filling) back into the first one (where you got the water from)

Repeat for each water-using activity

MATERIALS

2 containers (one with about 10 litres of water in it, the other empty)

Measuring jug

Water Uses

Activity	Water Used (Litres)
Dual-flush toilet (half-flush)	3
Dual flush toilet (full flush)	6
Non dual-flush toilet	12
1 minute of a normal shower	20
1 minute of a water saving shower	9
Having the tap on while you brush your	5
1 minute of hosing down your driveway	20
1 minute with a sprinkler	20
1 hour with a drip irrigation system	4