

# Waterhole challenge

Quick guide

Age range

7+

30 mins



Outside / indoor



Covers topics on:

Global issues

Numeracy

Agility

Problem-solving

Group activity



Watch the Buckets of Water film in the DVD. Then use this activity to show the effort needed to fetch enough water for daily activities.

## You will need

- Waterwise DVD
- Fact cards
- Several full two-litre water bottles

## What to do

1. Each team has to pass a two-litre bottle of water from one person to the next over a set distance.
2. Use different methods each time (over heads, hand to hand, between the legs).
3. Use the fact cards and send the two litres along the line enough times to get washed (10 litres = five times) take a shower (40 litres = 20 times) or have a bath (80 litres = 40 times) etc.

## Extension activity: Age 10 +

Give each team one litre of water and challenge them to use it for as many activities as possible from a set list and in order of priority. They must plan the order of the list to ensure that only fresh, clean water is used for drinking.

A possible list:

- One cup to brush teeth
- Drink a glass of water
- Boil an egg
- Wash a pair of socks
- Water some plants

## Fun fact

Water is heavy. One litre of water weighs one kilogramme. The water in an average bath weighs about a quarter of a tonne and over 1,000 tonnes in a swimming pool



7 out of 10 people **without sanitation** live in **rural areas**

### Leaders' notes

Learning about how water is used in other cultures allows participants to recognise the difference in attitudes to water use around the world.

Seven in eight people do not have access to safe water and 2.6 billion do not have anywhere safe and hygienic to go to the toilets. As a result, 4,000 children die every day from preventable diarrhoeal diseases.

Unsafe water and poor sanitation also have a big impact on education. With no taps or toilets at school, it is difficult for pupils to attend. Young people – girls in particular – often have to miss out on school because they have to walk long distances to collect water for their families.

Remember, hygiene is just as important in this country. Always wash your hands after using the toilet.

Diarrhoea kills more children every year than **AIDS, malaria and measles combined**

Children living in households with no toilet are **twice as likely** to get diarrhoea as those with a toilet

Every year, around **60 million children** in the developing world are born into households **without access to sanitation**

**One gram of human waste** can contain 10,000,000 viruses, 1,000,000 bacteria, 1,000 parasite cysts, 100 parasite eggs

At any one time **half the hospital beds** in developing countries are filled with people suffering from **diarrhoea**