

# Water cycle

# Water Splash



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## The water cycle

### How does water get to your tap?

Discuss the photographs, following the sequence of the water cycle, explaining that these pictures will help us to answer the question - how does water get to your tap?

### The following questions may help discussion:

- What do you do if you want a drink of water?
- When we turn the tap on, water comes out - but how did it get into the tap?
- Where does water come from?
- What can you see in the photographs?
- What are different places you can see where there is water?
- What happens when the sun shines on the water in the sea, lake, river, etc?
- What do you think clouds are made of?
- Where does the rain go?
- How does the water get from the rivers, lakes and ponds into our tap?

See Section 1, pages 4-5 in the booklet for more information and activities about the water cycle.



Sun on the sea – evaporation



Clouds – condensation

Rain – precipitation



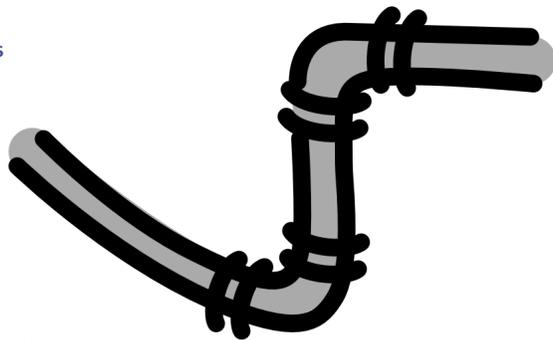
River – run off



Reservoir



Pipes



Tap – filling a glass



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# Water use



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## How do we use water?

Use the poster to explore the many ways in which children experience water in their everyday lives - attempting to answer the first key question - how do we use water?

## The following questions may help discussion:

- Which pictures show things that you do with water?
- Can you think of any other things that you use water for that are not on the poster?
- How have you used water already today?
- How many times did you use water before you came to school/nursery/preschool this morning/afternoon?
- How do you use water at home?
- How do we use water at school/nursery/preschool?
- What things do we have at home/nursery that need water?

*See Section 2, pages 6-8 in the booklet for more information and activities about water conservation.*



Drinking water



Bath



Washing vegetables



Washing up



Cup of tea



Washing hands



Watering plants



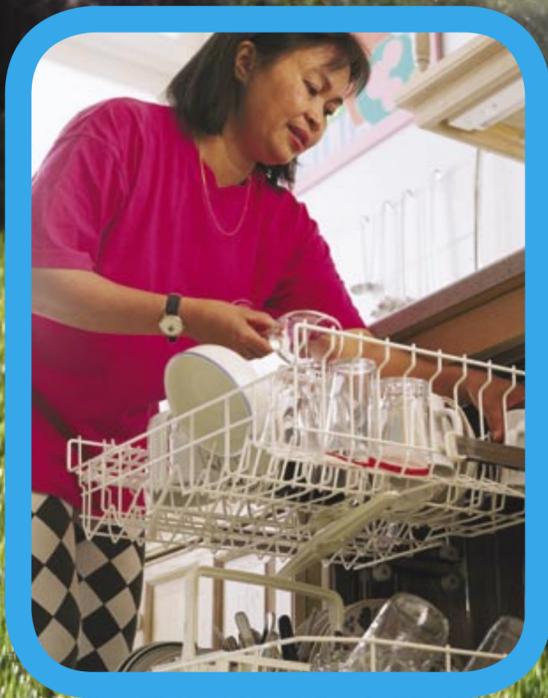
Toilet



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# Water conservation



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Running tap to clean teeth



Getting water from a water butt



Watering garden with a sprinkler



Dishwasher



Shower

## Do we waste water? Can we save water?

Use the poster to help the children consider whether or not they use water responsibly, and to consider what actions they can take to save water - attempting to answer the second and third key questions - Do we waste water? Can we save water?

### The following may help discussion:

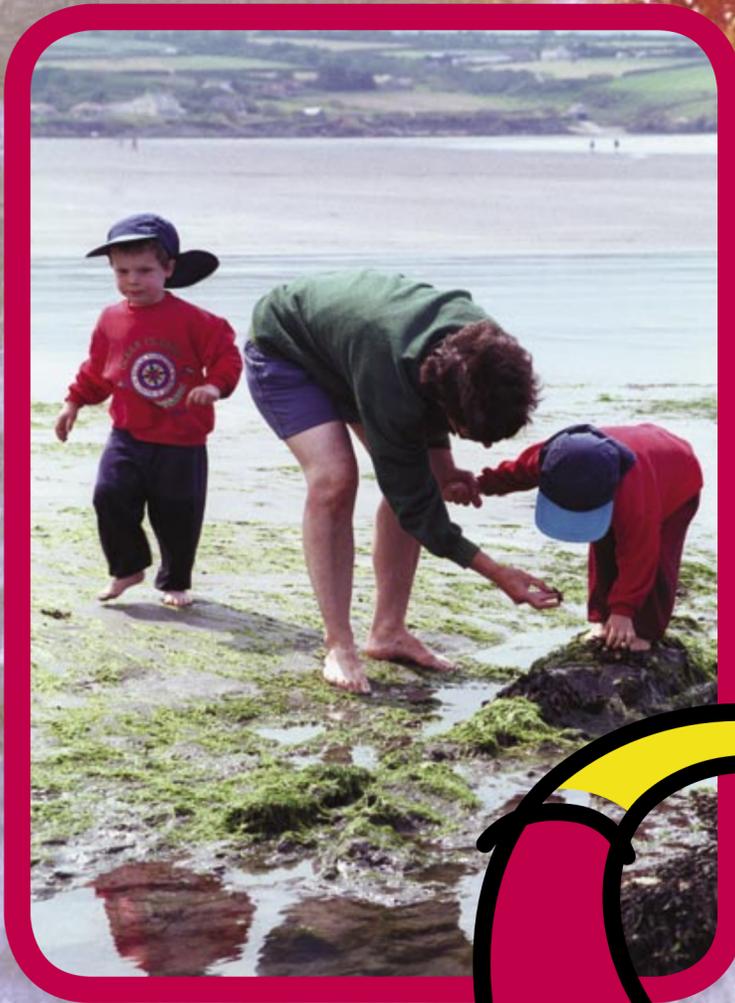
- What are the people in the photographs doing?
- Do you do any of these things? Which ones? When? Where? How?
- I wonder how much water we use when we wash our hands or clean our teeth. What do you think? (Figures showing how much water we use can be found on page 6 of the booklet)
- What should we do when we've finished washing our hands or cleaning our teeth? Why?
- I wonder if we use more water in a bath or in a shower? What do you think?
- Which of the things in the photographs use lots of water? Which use less water?
- Are any of the people in the photographs using too much water or wasting water?
- Is there anything you would like to say to the people in the photographs, if you could talk to them?

*See Section 2, pages 6-8 in the booklet for more information and activities about water conservation.*



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# Water safety



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[www.wateraid.org](http://www.wateraid.org)

Charity registration no. 288701

# Water Splash

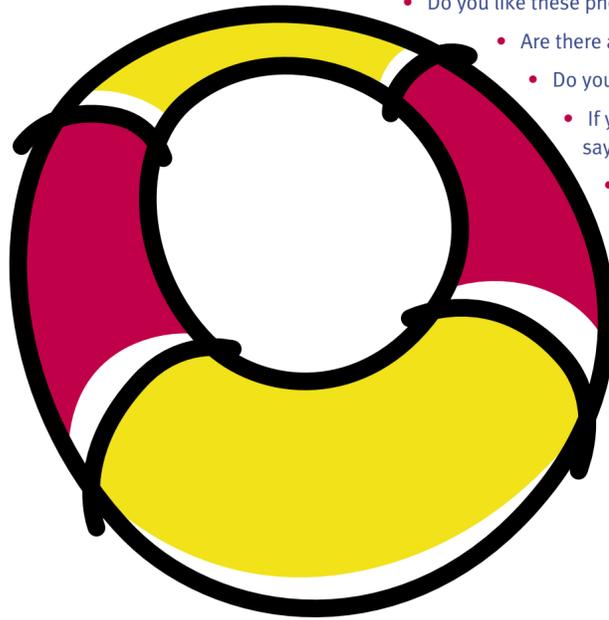
## Water safety

### How can we stay safe with water?

Use the poster to help the children think about being safe in relation to water. The following may help discussion:

- What can you see in these photographs?
- What are the people doing?
- Have you been to any places like this?
  - Do you like these photographs? Why?
  - Are there any that you do not like? Why not?
  - Do you think all these children are safe? Why/why not?
  - If you could talk to the children in these photographs, what would you say to them?
  - If you were in those places, would you be doing the same things as these children? What would you do? Why?

*See Section 3, pages 9-11 in the booklet for more information and activities about water safety.*



Playing near water



Visiting the water with adult supervision



Frozen water



In the sea



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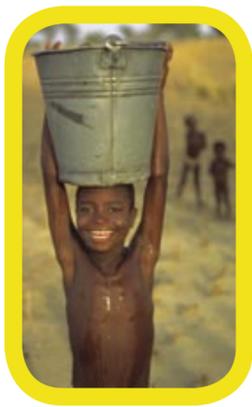


# Water in other countries



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# Water Splash



A young boy collects water in Gabisi village in the Bolgatanga region of Ghana. This is the hottest and driest region of the country where little grows. In the wet season water here can be plentiful – but is dirty and unsafe to drink. While in the dry season many water sources dry up completely meaning women and children have to walk miles to find water for their families.

Unlike many whom live here this boy has safe water to drink from a village well. But he still has to carry it home on his head in a bucket.

## Water in other countries

# 5

### What happens if you haven't got a tap in your home?

Use the poster to help the children consider the ways in which children living in a different situation to their own experience water in their everyday lives. Link the discussion to the key question - what happens if you haven't got a tap in your home?

### The following questions may help the children explore the poster, before they are given information about it.

- What can you see in this photograph?
- Tell me what words come in to your head when you look at this photograph?
- Who do you think he is?
- Where do you think he might live?
- What do you think he's doing? Why?
- What is he carrying?
- Where has he been?
- Where is he going?
- How do you think he feels?
- Do you do anything like this?
- If you could talk to him, what would you say?

*See Section 3, pages 12-14 in the booklet for more information and activities about water in other countries.*



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# Clean and dirty



# Water Splash



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## Clean and dirty water sources



These photographs were taken in Burkina Faso. It is one of the smallest countries in West Africa and is one of the poorest countries in the world. Less than 30% of people living here have safe water or sanitation.



These pictures show Sophie Zongo, who has five children, collecting water from a muddy pool, which is also used by animals. When she had to collect water from here her children were often very ill from drinking this water. The other pictures shows Sophie with safe, clean water. There is now a new well close to her home, so she spends much less time on the task, and is also happy to know that her children can drink safe water, and are much healthier than before.

Sophie says:

“Since the project we have had lots of changes. Without safe water the children were often ill which stopped them going to school. We took them to the clinic but sometimes didn’t have the money to pay. We were so anxious that we sometimes felt ill ourselves. Now I hope that my children will grow up in good health, do well at school and get a job.

Before everyone had to go to the toilet in nature. The flies used to go into the faeces and come in the houses. They brought dirtiness and illness. Now the latrines are so close to our houses that even if you are ill you can use them. We feel better because our dignity is preserved, especially the women. We have learnt a lot about hygiene. We keep soap next to the latrine and wash our hands.”

### What happens if you haven’t got a tap in your home?

Use the poster to help the children consider the ways in which people living in a different situation to their own experience water in their everyday lives. Link the discussion to the key question - what happens if you haven’t got a tap in your home? Help the children to explore the importance of clean water, and the impact a lack of clean water has on life.

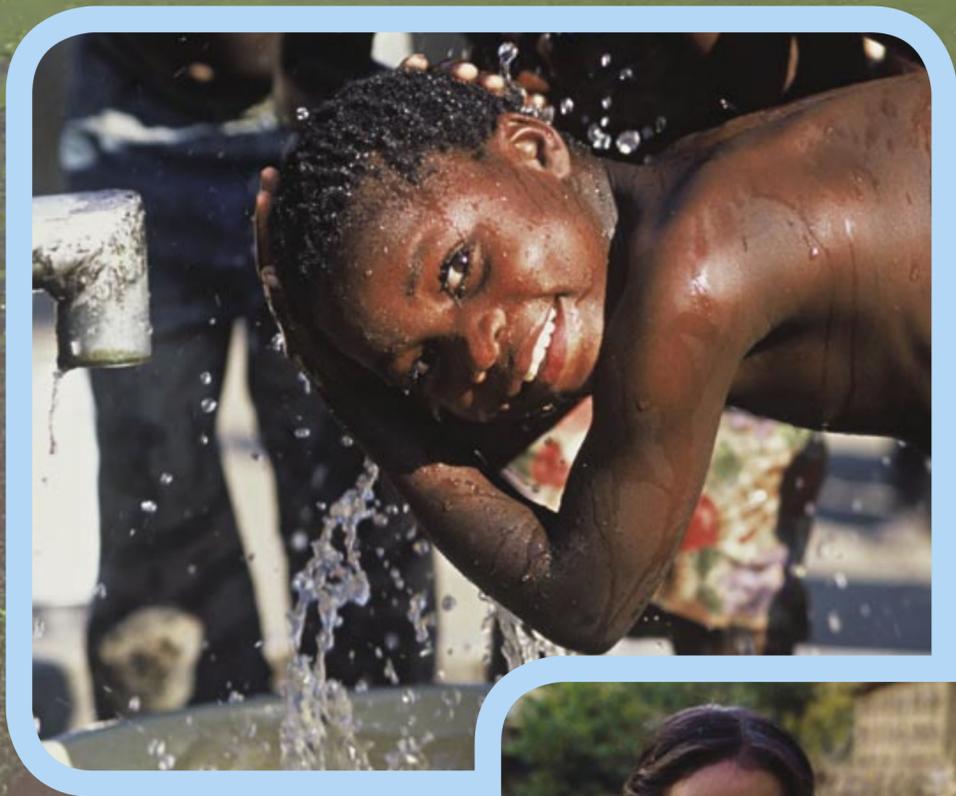
### Use questions and ideas such as the following, before sharing the information about the photographs with the children.

- What can you see in these photographs?
- Tell me what words come into your head when you look at the photographs
- What is Sophie doing? Why?
- Do you do anything like this?
- If you could talk to Sophie, what would you say?
- Do you like these photographs? Why? Why not?
- What are the differences you can see between the pictures?
- Which picture do you like best? Why?
- What sort of water can you see in the photographs?
- Would it be safe to drink the water that you see in the photographs? Why? Why not?
- Would you like to change anything in any of these photographs? What? How?
- How do you think Sophie feels?

*See Section 4, pages 12-14 in the booklet for more information and activities about water in other countries.*



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# Water sources



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# Water sources in other countries

# 7



The big photograph shows children Ambi and Kamila collecting water from a pond in Manzo, Ethiopia. Only a quarter of people in Ethiopia have a clean water supply. This pond is unprotected and drinking water from sources like these can lead to many diseases. The villagers in Manzo often get sick, and many have even died from drinking this water.



This picture, taken in Ghana, shows 12-year-old Napoga collecting water for her family. She comes to this muddy water hole, which is also used by animals, at 5.30am every day. She waits for the water to seep through the ground and for the mud to settle and then collects it. Napoga spends at least six hours a day collecting water.



Three of the other pictures show how lives can be changed when a community well is built. Instead of walking a long way to fetch water like before, the villagers are now able to fetch safe water to drink.



This picture shows Omitee collecting water from a tapstand in Silchari village where she lives in the Chittagong Hill Tracts of Bangladesh. Before the tapstand was installed she used dirty water from the river, or had to walk for over an hour to find clean water up in the hills above her village.



Erika is collecting water from the tap in her village in Tanzania. She says that since she can get clean water she does not get ill like she used to and rather than collecting water she can go to school.

## What happens if you haven't got a tap in your home?

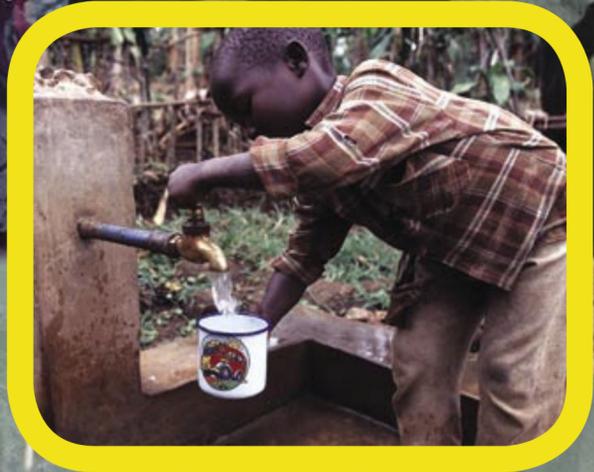
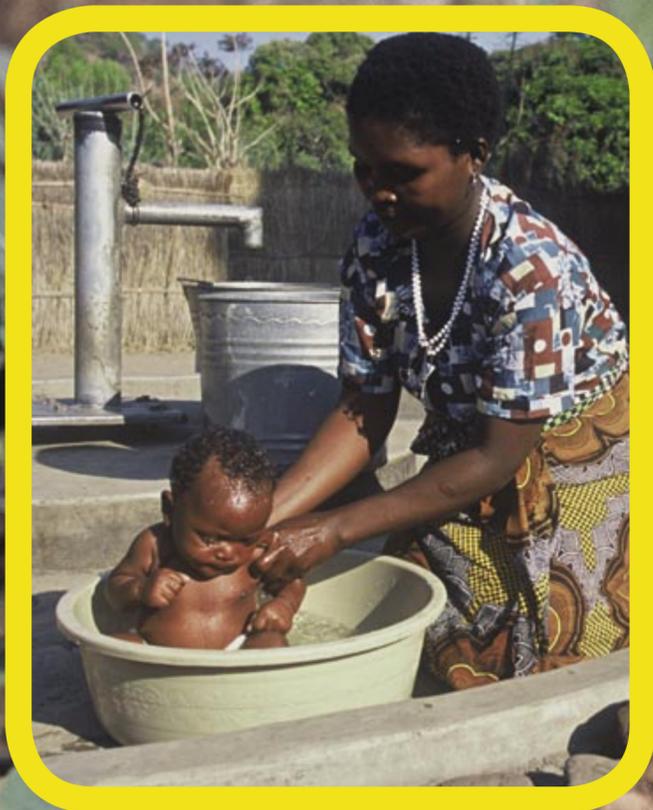
Use the poster to help the children consider the ways in which people living in a different situation to their own get water. Link the discussion to the key question - what happens if you haven't got a tap in your home? Help the children to explore other sources of water. Consider the importance of a safe water supply. Use questions and ideas such as the following, before sharing the information about the photographs with the children.

- What can you see in these photographs?
- Tell me what words come into your head when you look at the photographs
- What are the people doing? Why?
- Do you do anything like this?
- If you could talk to the people in these photographs, what would you say?
- What different places are people getting water from?
- Do you like these photographs? Why? Why not?
- What are the differences you can see between the pictures?
- Which picture do you like best? Why?
- What sort of water can you see in the photographs?
- Would it be safe to drink the water that you see in the photographs? Why? Why not?
- Would you like to change anything in any of these photographs? What? How?
- How do you think the people in each photograph feel? Why?

See Section 4, pages 12-14 in the booklet for more information and activities about water in other countries.



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# Comparing water use



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# Comparing water use in other countries

# 8



Dhuna lives in a village in Nepal where there is now a gravity fed water scheme, Dhuna is able to fetch water from the eight village taps that are shared by the 73 households and the school in the village. She is watering the fruit and vegetables that she grows in the gardens near her home. Before she didn't have enough water to grow these plants.



A baby in Malawi being washed.



Werkiyu Tadesse washing clothes in Ethiopia.



Children in Zambia washing their hands.



A child in Uganda collecting a mug of water.

## What happens if you haven't got a tap in your home?

Use the poster to help the children consider the ways in which children living in a different situation to their own experience water in their everyday lives. Link the discussion to the key question - what happens if you haven't got a tap in your home? Support the children in identifying the different ways in which familiar tasks like washing and watering plants are done. Discuss how children all over the world need to do the same things with water but sometimes they do them in different ways - we are all the same in some ways, and different in others.

## The following questions may help the discussion:

- What can you see in these photographs?
- What are the people doing?
- Why are they doing that?
- Does anything in the pictures surprise you?
- Do you do anything like this?
- What things are the same as you do? What things are different? How?
- If you could talk to the people in these photographs what would you say?

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