

Save Water. Save Lives.

A lesson outline for Key Stages 3 and 4

Links to the curriculum

Citizenship

- 1a human rights and responsibilities underpinning society
- 1f community-based voluntary groups
- 2a research a topical, political, moral or social issue by analysing information from different sources, including ICT-based sources
- 3a use imagination to consider other people's experiences
- 3c take part responsibly in school and community-based activities

Personal, social and health education (PSHE Guidelines)

- 4g social and moral dilemmas
- 4c participate
- 3b empathise with people different from themselves

Religious Education

- the work of a Christian charity
- what are we doing to the environment?

Geography

- Effects of differences in development on the quality of life of different groups of people.
- Explore the idea of sustainable development and recognise its implications for people, places and environments and for their own lives.

Aims

- To understand the issues relating to water.
- To consider what can be done to solve the problems
- To find out how The Salvation Army is helping communities to have access to clean, safe water.

Starter: Water quiz

AIM: To find out some facts about water.

Begin the lesson with this true/false quiz. This could be done individually or in pairs using the tick sheet, or as a whole class activity where the teacher reads the statements and the pupils hold up the true/false cards.

Discuss with the pupils whether they were surprised by any of the answers.

To give them an idea of how much water we use, show a 1 or 2 litre bottle of water.

You (or the pupils) could even collect empty water bottles in the weeks leading up to the lesson to illustrate the amount of water we use in comparison to many people in developing countries.

Activity 1: How much water do you use?

AIM: To consider how much water we use.

Each pupil uses the chart to calculate how much water they use in a week.

Complete the follow up questions on the sheet, either in small groups or as a whole class activity.

Activity 2: DVD clip

AIM: To find out some problems facing people in Tanzania and how The Salvation Army is helping.

Show the 15 minute DVD clip from the Watershed DVD ROM about The Salvation Army's work in Tanzania.

Ask pupils to make notes on what they see and hear. This could be in the form of a brainstorm or bullet points.

Follow the video by asking the class some questions to assess and reinforce their learning, and allow time for reflection on what they have discovered. You can use the DVD follow-up questions provided or come up with your own.

Assessment of learning

AIM: To show what pupils have learnt.

Set pupils a presentation task (display, news report, video) which will help to raise awareness of water issues and explain what other pupils can do. They could also show what The Salvation Army is doing to help provide an ongoing supply of safe water to communities.

These could be presented to the class in the following lesson, or in a school assembly. Use the posters and leaflets provided in the Watershed resource pack.

There is a short appeal video on the Watershed DVD ROM/website which would work well as part of a presentation linked to a fundraising project.

Drama

The video clip showed part of a drama made up by the community after their well was built, showing how life had changed. Some pupils may want to make up their own drama which reflects how life was before the well and afterwards.

Ideas for reflection

AIM: To reflect on the topic and show empathy for others.

- Create a piece of art or a poem on the theme of water, which reflects what pupils have learnt in the lesson.
- Write a diary of a woman in one of the Tanzanian villages where a well was built, showing how her life has changed.

These pieces of work could form part of a display or presentation to help raise awareness of the issues.

Internet research (optional)

AIM: To find out about water issues and how The Salvation Army is helping to provide safe, clean water to communities.

If you'd prefer an ICT-based lesson and have access to the internet pupils could find out about water issues and The Salvation Army's solutions by using our website and the Internet research sheet. Alternatively, you could set this as a homework task.

Fundraising ideas

If this work is part of a class fundraising project, use the Fundraising ideas sheet to discuss and agree on suitable activities. Alternatively, pupils could organise an event in pairs or groups.

Use The Salvation Army's official sponsorship form for all sponsored events. Download a copy from the Watershed section on our website.

Resources

Most of the resources you need can be found in the lesson plan or can be downloaded from our website. There are also six photocopiable sheets which relate to the activities and ideas.

You can also order the **Watershed DVD ROM** which includes the video clips, poster and leaflets, PowerPoint presentations and loads more. Order the pack by telephoning International Development on 020 7367 4777 or download off our website at:
www.salvationarmy.org.uk/id

Water Quiz

True or false? Decide whether each statement is true or false and check how much you know about water.

1. Most of the world's drinkable water is stored in reservoirs and lakes.

True False

2. One million people in the world do not have access to clean, safe water.

True False

3. The amount of water humans are using every day is rising.

True False

4. People in rich countries use five times more water each day than those in poor countries.

True False

5. The average person in the UK uses 160 litres of water every day.

True False

6. A dishwasher uses less water than washing up in a bowl.

True False

7. Leaving the tap running whilst you brush your teeth uses 4 litres of water.

True False

8. On average, a person in the developing world uses 10 litres of water per day.

True False

Water Quiz (Answer sheet)

1. Most of the world's drinkable water is stored in reservoirs and lakes. *(False. Most is stored in glaciers and ice-caps.)*
2. One million people in the world do not have access to clean, safe water. *(False. More than 1 billion people in the world do not have access to clean water.)*
3. The amount of water humans are using every day is rising. *(True.)*
4. People in rich countries use five times more water each day than those in poor countries. *(False. We use at least fifteen times more water than people living in poor countries.)*
5. The average person in the UK uses 160 litres of water every day. *(True.)*
6. A dishwasher uses less water than washing up in a bowl. *(False. A dishwasher load uses 35 litres, compared to 8 for a bowl of washing up.)*
7. Leaving the tap running whilst you brush your teeth uses 4 litres of water. *(True.)*
8. On average, a person in the developing world uses 10 litres of water per day. *(True.)*

True

False

True

False

True

False

True

False

True

False

True

False

True

False

How much water do you use in a week?

Fill in the table below and work out how much water you use each week.

Activity	Uses...	Multiplied by	Total litres used
Normal shower	35 litres		
Power shower	70 litres		
Bath	80 litres		
Brushing teeth with tap running	4 litres		
Washing machine load	80 litres		
Washing hands	3 litres		
Drink (per glass)	0.25 litres		
Boiling a full kettle	2 litres		
Flushing the toilet	10 litres		
Dishwasher load	35 litres		
Bowl of washing up	8 litres		
Total amount of water used in a week			

The average person uses around 1000 litres a week. How do you measure up?

Follow up questions

- Discuss and write down a list of ways we could use less water in this country.
- Think about the changes you want to make in the way you use water.
- Discuss why it is important to take care of the world's resources

DVD follow-up questions

1. Which country was featured on the DVD?
2. What do the women spend hours doing?
3. How many hours did it take them to get water?
4. How would you feel if you had to spend that long getting water? Would you use less?
5. What was wrong with the water they were getting?
6. What is The Salvation Army doing to help in these communities?
7. What problems did the women still have even when the well was built?
8. What were the benefits of setting up women's groups?
9. How else is The Salvation Army helping those families to work their own way out of poverty, which wouldn't normally be possible?
10. Can you imagine yourself living that kind of lifestyle? Do you think we take our lives for granted?

Internet Research Sheet

Aims

- To understand the issues relating to water in developing countries and describe the scale of the problem.
- To be able to explain what The Salvation Army is doing to develop programmes which provide water.

Research

1. Log on to The Salvation Army website www.salvationarmy.org.uk/id
2. Find the pages relating to 'Watershed'.
3. Research this issue, using the questions below to help you. You'll find a video clip and a PowerPoint presentation, as well as written descriptions of The Salvation Army's work.
 - a) How many people in the world do not have access to safe water?
 - b) How many children die from water-related diseases each day?
 - c) In the UK, how much bottled water do we buy? Do we need to?
 - d) Find out three things **you** could do to save water.
 - e) How has The Salvation Army helped the people of Koma Rock in Kenya?
 - f) Explain the range of things The Salvation Army is doing to ensure that communities in developing countries have access to safe water?

Fundraising ideas

The Salvation Army works in 111 countries worldwide and is committed to development programmes which provide clean and sustainable water to whole communities. **£10 can provide a family with water for life.** Your donations will help to fund programmes which dig bore holes, build wells, provide water storage facilities, education in water safety and materials for providing sanitation and plumbing.

Here are some ideas for fundraising activities you could do in your school:

- **MAKE A WATER PLEDGE.** Buy a Watershed reusable water bottle from The Salvation Army for £10. Sign on the side of the bottle to show your commitment to saving water and saving lives.
Visit the website www.salvationarmy.org.uk/id to find out how you can make your watershed pledge and get your bottle.
- Sell bottles of water to teachers for £10, explaining that not only have they bought a drink for themselves but they have provided a sustainable supply of drinking water to a family overseas!
- Collect money in water bottles; have a competition for the first person to fill one.
- Fine yourself one penny for every litre of water you use in a week.
- Hold a car-wash for teachers, using as little water as possible, and ask for donations for your service.
- Make small boats out of different materials and have a competition to see which one floats or sails down a river the fastest.
- Hold an auction of water-colour paintings by art students and teachers in your school.
- Organise a sponsored swim to raise awareness and money to help some waterless communities.
- Get sponsored for wearing a shower cap, or goggles, arm bands and flippers, or anything else watery, for one whole day at school.
- Set up an exhibition on all the work you have done on the theme of water, including artwork and poems, and charge a small amount for entry.