



KS3 Lesson Plan

Keywords

respect
collaboration
accountability
innovation

courage
integrity
vulnerable
marginalised

Resources and materials

- ✦ Post it notes
- ✦ Coloured pens (red, yellow and green)
- ✦ Grace's story film:
www.youtube.com/watch?v=wF_HlgnWEwU
- ✦ Latrine poster
- ✦ Water Quest game:
www.wateraidgames.org
- ✦ Fundraising Planning Sheet
- ✦ Design planning sheet
- ✦ Printer
- ✦ Ipad/Tablets

Teacher's notes

This lesson plan can be delivered in class, during off-timetable days or through after school STEM clubs or tutor/enrichment time. Whole year groups could be encouraged to take part to create a school wide competition.

You could launch the challenge by inviting a WaterAid speaker to speak to the pupils and inspire them to want to change lives. Book a speaker for free at www.wateraid.org/speakers

The WaterAid Schools Challenge

WaterAid's vision is of a world where everyone everywhere has access to safe water, sanitation and hygiene by 2030. With your school's help, this ambitious target can be reached.

Right now:

- **1 in 10 people around the world don't have access to safe water.**
- **Diarrhoea—caused by dirty water and poor sanitation—is the second biggest killer of under-fives worldwide.**
- **1 in 3 people don't have access to a proper toilet.**



There are two parts to the WaterAid Schools Challenge:

1 Design a solution

Challenge your students to come up with an innovative and creative solution to global, water and sanitation issues. This lesson plan equips students to work in teams to understand existing sanitation issues and solutions in some of the world's poorest countries, and learn about WaterAid's values and how these are embedded within all that WaterAid does.

2 Create and carry out a fundraising campaign

Pupils will be tasked with creating and carrying out a creative fundraising activity to make real change happen for the millions of people around the world who do not have safe water, toilets and hygiene.

An option for this is to get involved in WaterAid's Pupil Pipeline, hold a water-themed mufti day or organise a blue cake sale!



We'll send your class a special certificate that they can display with pride, and an update on what their fundraising has helped achieve.



By completing the two parts of the challenge, pupils will learn to work collaboratively and follow, as well think creatively to raise money for WaterAid.

When your class has completed the challenge, photograph their accessible latrines, along with a summary of their fundraising activity and send them to schools@wateraid.org, to be in with a chance of appearing as our Star School on our website!

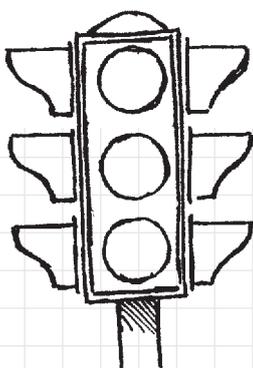
You could also ask your pupils to contact their local MP or other influential figures in the community to tell them about what they've learnt and the solutions they have designed. Try and come up with the most creative ideas possible to make sure they really stand out. How about postcards in the shape of water droplets or sending messages in old water bottles?

Curriculum links

Geography: Human geography: international development, the use of natural resources; locational knowledge, using maps of the world

Design and Technology: The study of different cultures, to identify and understand user needs, the design of innovative, functional, appealing products that respond to needs

Communication and research skills relevant to all curriculum areas.



Aims and outcomes

- * Understand why it is important to include everyone when choosing and creating solutions to global sanitation issues.
- * Work together to create innovative solutions to a sanitation problem.
- * Empathise with people who are excluded from everyday activities due to disability.
- * Define and use WaterAid's values.
- * Create and carry out a fundraising activity which will engage pupils in school and get them involved.
- * Consider the importance of adequate sanitation.
- * Explain the work of WaterAid.



Activity

What does it feel like to be excluded?

Resources

- * Post it notes or sticky labels. There needs to be enough for one per student. Mark one third with a green dot, another third with a yellow dot and the rest with red dots.

Starter: Traffic light game

Allow 15 minutes

Please note that you will need space for the pupils to walk around for this activity.

- Ask the pupils to line up with their backs to you and place a post it note with either a red, yellow or green dot on each student's back. Tell the pupils that they are not to tell each other what colour dot is on their back.



- Tell the pupils that they should all begin to walk around. Explain that if they see a person with a green dot on their back, they should make every effort to speak to them and be really friendly. If they see people with yellow dots on their back, they should be polite and say hello, but not spend too much time with them. The pupils with red dots on their backs should be avoided at all costs.
- Give the pupils three to five minutes to carry out the activity. Once their time is up, ask the pupils to position themselves on the right of the room if they thought they had a green dot on their back, in the middle if they thought they had a yellow dot, and on the left if they thought they'd been given a red dot.
- Starting with the greens, ask them about their experience and how it felt to be treated in the way that they were. Ask the same of the yellows and reds.
- Explain to the pupils that for some people in the world, being excluded from everyday life is something that happens to them every day.
- Ask the pupils to come up with groups that may get excluded in everyday life. They may come up with the elderly, the very young, women and people with disabilities. Explain that for this challenge, they will be focusing on people with disabilities.

What is WaterAid?

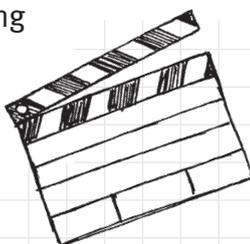
Resources

✦ Grace's story film:

www.youtube.com/watch?v=wF_HlgnWEwU

Film: Grace's story

- Watch Grace's Story (www.youtube.com/watch?v=wF_HlgnWEwU). Allow the pupils to make brief notes of any interesting key facts or statistics from the film.
- In pairs pupils should share their interesting facts and then feed these back to the rest of the class. All the facts should be recorded on the board.



What does WaterAid do?

- Reiterate the fact that WaterAid want to reach everyone, everywhere with water, sanitation and hygiene by 2030 and that they need everyone's help to do this. Explain that they will be getting involved by joining the WaterAid Schools Challenge.

What are WaterAid's values?

Homework task

Allow 25 minutes

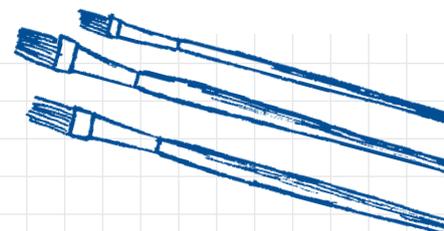
Explain to the pupils that WaterAid has a set of values that it ensures run through all of its work. These are:

- **Respect**
- **Collaboration**
- **Accountability**
- **Innovation**
- **Courage**
- **Integrity**

Discuss the meaning of the term 'values' with the pupils. Refer to the school's own values and ethos and how these are demonstrated in school life. Ask the pupils why they think it's important that WaterAid has a set of values and what they think of them.

The pupils should think back to the film 'Grace's story' and consider what each of the values means and how these are shown through WaterAid's work. Agree on class definitions of each value and allocate one value per student (or pair).

Ask the pupils to create posters that explain and show the meaning of each one. This should be set as a homework task and the posters should be displayed in class to remind the pupils of WaterAid's values.



Lesson 1

Allow 1 hour

Water Quest

How does WaterAid help those without water, sanitation and hygiene?

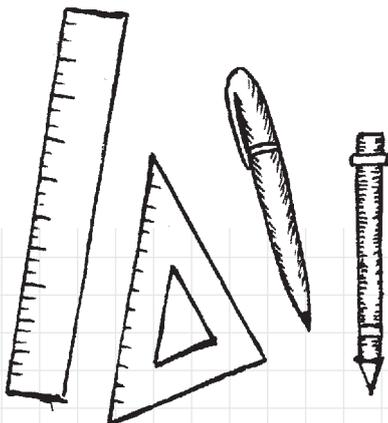
Resources

- * Latrine poster
- * Water Quest game
- * iPads/tablets
- * Printer

You will need access to iPads or tablets for this lesson. The WaterAid game, Water Quest will need to be downloaded from www.wateraidgames.org

Pupils should work in pairs to play the Water Quest game and create a report of the water and sanitation issues they solved, and how they did so them whilst playing the game (they are able to do this within the game). Once they have completed the game, they should then print their reports to use as research for their challenge.

They should share their experiences and their key findings from the game with the rest of the class and can find out further details about our technologies they used in the game from the posters included with this set of lesson plans.



Lesson 2

Allow 1 hour 30 minutes

What is the WaterAid Schools Challenge?

Explain to the students that they are taking part in the WaterAid Schools Challenge. Tell them that there are two parts to the challenge:

1. To design an accessible latrine that addresses the needs of people with disabilities.
2. To create and carry out a fundraising campaign to try and raise as much money as possible to help achieve WaterAid's vision of water, sanitation and hygiene for everyone, everywhere by 2030.

Explain that the pupils will need to split into two groups according to where they think their strengths and skills lie, but first they will all be brainstorming ideas together.

What do we need to consider for a latrine meet the needs of people with disabilities?

Allow 15 minutes

- Ask the students to think about (or even go and visit) toilets that have been adapted for use by people with disabilities. What changes or adaptations are added to help? Why do they think it's important to make adaptations for people with disabilities?
- Display the ventilated pit latrine poster on the board and print enough copies for the students. Ask the students to list some needs that people with disabilities may have that may make the latrine inaccessible to them. They may think about wheelchair users, people who are blind or partially sighted or older people who might use walking aids.



- In small groups, the students should come up with ideas that would make the latrine more accessible. Remind the students that their ideas should be simple, low cost and easy to maintain. They should note their ideas to share with the rest of the class. Their ideas should be saved for the group that will take on the design challenge.

What can we do to raise funds for WaterAid?

Allow 15 minutes

- As a class, think of past fundraising activities you have taken part in or heard about. What made these successful or appealing? Make a list of as many fundraising ideas activities as possible.
- Explain that they need to raise as much money as they can which means that they need to engage as many people as possible in their activity. They might come up their own original idea or adapt existing activities.
- The class should set a fundraising target as it can help in motivating and gathering support. You could use the year 2030 to base your target on. For example, each student aims to raise at least £20.30, or the class raises at least £203 or if you're feeling really ambitious you could aim for at least £2,030.
- Split the class into groups and ask them to brainstorm their ideas on flipchart paper.
- Each group should share their ideas with the rest of the class.

Planning and creating

Allow 45 minutes

- Ask the students to choose whether they would like to be in the design team or fundraising team. Make the students aware that everyone will take part in the fundraising activity.
- Give out the appropriate planning sheets to each team. Tell them they have 45 minutes (time limit can be adjusted according to time available) to complete the tasks on the planning/design sheets.

Sharing ideas and feedback

Allow 15 minutes

- Each group should share their ideas with the rest of the class and allow the other group to ask questions and give feedback to improve what they have planned and designed.
- Each group should be given time to adjust their ideas and designs in accordance with the feedback.
- Both the design and fundraising group should take part in the fundraising activity and use what they have learnt to promote the importance of their fundraising.
- Reiterate that their work and fundraising will help get water, hygiene and toilets to everyone, everywhere by 2030.

Share achievements on your school's social media channels and tag WaterAid UK. Don't forget to send us photographs of your pupils' accessible latrine designs and a summary of their fundraising to schools@wateraid.org and be in with a chance of appearing as our Star School on our website!

Good luck! We can't wait to hear about how you tackled the WaterAid Schools Challenge!

WaterAid
Schools Challenge

