



Challenge & Badge

WORKING TOGETHER TO SAVE LIVES

The challenge is for all groups and individuals of any age.

HUMANITARIAN
AID

WORKING
TOGETHER
TO SAVE
LIVES

CAN ONLY
LIVE 3
DAYS
WITHOUT
WATER

FUN



GAMES

CLEAN WATER



ACTIVITIES



FUNDRAISING





Aquabox

What is the challenge all about ?

- A fun and rewarding way for groups and individuals of all ages to discover the critical importance of clean safe water in a crisis.
- Of particular relevance to Guiding, Scouting, Schools and Youth Groups. The challenge is suitable Rotary, adult groups and individuals.
- There's even a badge available for success!

AQUABOX CHALLENGE CONTENTS

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WHY DO IT? THE BENEFITS

- Appreciation of how lucky we are to have ready access to clean safe water
- Contributes to Global Citizenship- understanding cultures and needs
- Learn about the nature of disasters and their implications
- Technical understanding of technology behind water filtration
- Insight into the need to give back, serve others, help through fundraising and working together to reach a common objective
- Will build compassion and empathy towards disaster victims
- Participation will help with achieving youth awards and other badges

TO HAVE FUN!

CHALLENGE AND BADGE

The Challenge is for the members of your group to improve their awareness of the importance for victims of a major disaster to be provided with clean, safe, unpolluted water. This will save lives. Understanding the importance of **Clean Water In A Crisis** and how the delivery of water filters by the Rotary initiative Aquabox can achieve this, will enable your members to meet the challenge and qualify for a badge.

The Aquabox Challenge and Badge Pack comprises:

1. Aquabox Challenge Details Booklet (*This document*)

Explains what the challenge is about and how to join in

A set of Challenge Questions to suit your age group

- the answers are generally covered by the presentation

2. Aquabox Challenge Games & Activities to have some fun

A series of practical Water games and activities

A series of practical games and activities based on Recycling

A practical game and activity based on Climate Change

3. Aquabox Picture Presentation This covers types of disaster, the dangers in the polluted water, the technology and the water filters and humanitarian aid items provided by Aquabox – and has most of the answers to the questions.

(Note: This picture presentation can be requested as a Power Point)

The challenge is designed to be simple and adaptable for all ages.

You assess how to use the presentation document -in part, all of it, a bit each week etc and what might be relevant to your group's participation.

You then decide or discuss with your group/ unit/ troop which Challenge questions to use and how to use them. If you want to change, delete or add challenge questions to adapt to your age group, please do!

It is also up to you which games are most suitable. Similarly, depending on your group's age and ability it is up to you to decide whether they have risen to the Challenge by increasing their understanding of the phrase "**Clean Water In A Crisis**" and thus qualified for a badge.

With younger children after you have had some fun have a discussion about the Aquabox, you may want to focus on the games about water, recycling and plastics; using the Aquabox Challenge and Games & Activities document in the pack.

With older children/young people, you could use a combination of games (tights and balls game looks fun!) turn the questions into a quiz and then use the presentation to fill in the gaps in knowledge.

We have included a section on recycling, partly for the fun of the games, but also because by providing water filters to disaster areas we are helping remove the need to supply water in plastic bottles as an alternative, thus reducing plastic usage. Climate change can lead to disasters and activities are included.

Thank-you in anticipation for giving your time and attention to this challenge, for bringing this issue to the attention of your group and hopefully in achieving successful completion and ordering some badges and thus **working together to save lives.**

ENJOY!

For other related activity ideas:



Go to the Aquabox Website

<https://www.aquabox.org/what-we-do/aquabox-challenge>

for further help with the questions.



Look at the two-video links below, which show you Aquabox in action.

Hand in Hand Syria video, with English subtitles (length 2:34 mins):

<https://drive.google.com/file/d/17HHa1hZZeB5kkWw92bvHnrknR8vhwWwYR/view?usp=sharing>

The World's Glass is Only Half Full video (length 2:39 mins):

<https://drive.google.com/file/d/1yIzVxN-hmX64b8qIIVBR-vILbd1YOBv8/view?usp=sharing>

CHALLENGE QUESTIONS

Choose the number of questions to answer, (including question 15) that are suited to your age range.

1. Who started sending Aquaboxes and in what year?
2. How many types of worldwide disasters or emergencies can you think of, where Aquabox could help people?
3. How long can you live without a. Air b. Water c. Food ?
4. Name 15 useful humanitarian items that can be sent out in an Aquabox.
5. What are the towels in the Aquabox used for and what else could they be used for.
6. How does Aquabox help save lives?
7. How many types of Aquabox filters are there?
8. What powers the Aquabox family water filter?
9. What is the 'magic' part of the Aquabox water filter that makes immediately clean drinking water possible? How do they work?
10. Name what is removed from the dirty water, by the water filter, that helps save lives?
11. How many litres of clean water does a family water filter make in one minute?
12. By using the Aquabox water filters how many plastic water bottles are not produced, are not transported, and not needed in one year?
13. Research how and make a water bottle filter. Is this water safe to drink immediately?
14. Are Aquabox production and packing VOLUNTEERS paid?
- 15. DO TWO of the Aquabox Challenge activities and games and have some fun – they can be found in Section 2 Activities and games of the Aquabox Challenge.**



SOME TIPS TO GET YOU STARTED

Start with asking them what is an emergency, and they often give personal emergencies?

However, they usually have heard the news about the

Libya storm and reservoir collapses

Ukraine war

Pakistan floods (can't drink salt water)

and discuss these.

Morocco earthquake

Turkey and Syria earthquake

Africa droughts

We have a little discussion on how long, can you live for without air, water and food.

3 minutes without air

3 days without water

3 weeks without food

Discuss who might need our help in a crisis and how we could help them. We have to get the Aquabox filters to them very quickly, to give them clean water to drink.

Discuss where they can find water to drink and is it safe to drink and is it safe to find it. For example: dangers from animals, other people and unsafe buildings, rivers, and sea areas.

So, we discuss the need for using a water filter to give the people clean water to drink. When this filter is used they can drink immediately (no boiling or chemicals needed) This amazing Aquabox filter also removes harmful pathogens (germs) like Cholera, Amoebic Dysentery, Typhoid, Parasitic worm cysts and Polio. Find out about Polio Plus and the amazing work Rotary has been doing since 1985.

Ask what else could be put into the Aquabox along with the water filter to help people in crisis. Show them the picture in the pack of some of the humanitarian aid we send.

Look at some of the pictures in Section 3 of the pack which shows you the different types of Aquaboxes and how it all works.

There are two types of filters put into three different Aquaboxes depending on the type of emergency crisis we help:-

Aqua-Aid a Family filter along with Humanitarian aid

Aqua12s contains 12 Family filters

Community contains Community filter used by schools, hospitals & communities.

For example, different types of boxes can be sent as the emergency develops:-

Ukraine has received Aqua 12s and Community boxes

Malawi has received Aqua 12s

Morocco, Libya & Syria have received Aqua 12s, Aqua-Aid & Community boxes

Turkey, Yemen, and Nepal have received Aqua-Aid boxes

Look at the two video clip links on Page 4, and one shows the Aquabox filter in action.

Explain by donating to Aquabox for their badges they will have saved a life!

GIRLGUIDING

Here are some potential links for using the Aquabox Challenge with your Bronze, Silver or Gold programmes:



RAINBOWS

- Community Action – Ready..set..recycle
- Take Action Interest Badge - Recycling
- Take Action Interest Badge – Helper
- Take Action Interest Badge – Make Changes
- Take Action UMA – Plastic Free Planet

BROWNIES

- Take Action Interest Badge - Zero Waste
- Take Action Interest Badge - Charities
- Take Action Skills Builders – Make Change stage 2
- Take Action UMA – Pass on Plastic
- Take Action UMA – Trash Fashion
- Take Action Skills Builder – Impact-o-meter – Make Change Stage 2
- Have adventures UMA – Super Soaked

GUIDES

- Take Action Skills Builder - stage 4 - big changes start with small steps
- Take Action UMA - Litter lotto
- Take Action UMA - To flush or not to flush?
- Take Action Interest Badge - Campaigning
- Express Myself UMA - Build a Beast
- Have Adventures UMA - Thirsty work
- Skills for my future Interest Badge – Upcycling

RANGERS

- Skills for my future – Live Smart Stage6 – Mend, Reuse, Recycle, Upcycle

TREFOIL

- Stars
- Aquabox Challenge and Badge – To help save lives.

If you know other programme links, activities, or ideas we would love to hear from you raynsylv@gmail.com



SCOUTING

Here are some potential links for using the Aquabox Challenge with your badges and programmes:



ALL SECTIONS

Community Impact Staged Activity Badge

SQUIRRELS

BEAVERS

Activity Badge - Experiment (water filter part)

Activity Badge - Global Issues

Challenge Badges - Teamwork

CUBS

Activity Badge - Environmental Conservation

Activity Badge - Global Issues

Activity Badge - Scientist (water filter)

Challenge Badge - Our World

Challenge Badge - Teamwork

SCOUTS

Activity Badge - Environmental Conservation

Activity Badge - Global Issues

Activity Badge - Fundraising

Activity Badge - Scientist

Activity Badge - Survival Skills

Challenge Badge - World

Challenge Badge - Teamwork

EXPLORERS

Activity Badge - Fundraising

Activity Badge - Global Issues

Activity Badge - Survival Skills

Chief Scout Award Platinum – Links to the ICV lists

Chief Scout Award Diamond – Links to the ICV lists

King's Scout Award – Links to the ICV lists



A short summary of how Aquabox operates

Background

Whenever a disaster strikes, whether it is natural or man-made, there is always an urgent need to provide safe drinking water for people affected. In the aftermath of a disaster, water supplies are often severely affected: water pipes may be destroyed, treatment plants may be damaged, or the water supply may be contaminated by sewage or other fouling.

In these circumstances, people have no choice but to collect water from available local sources, such as streams, rivers, and wells. Such water is often contaminated and unsafe to drink. Water-borne diseases such as cholera will spread rapidly, and will affect particularly the more vulnerable young and older members of a community, often resulting in many deaths.

How does Aquabox meet the challenge of providing safe drinking water during times of crisis?

We send out 2 sizes of water filters which remove the “nasties” from the water and make it safe to drink;- see next page.

The filters are sent in 3 types of blue plastic boxes

- a. The large filter “Community Filter” in a box
- b. 12 smaller filters “ Family Filters” in a box- see below
- c. 1 smaller filter together with about 70 humanitarian aid items in a box

Many more details are in the presentation document in Section 3 of the challenge.

The Aquabox family filter and community filter were developed by the Safe Water Trust, and the family filters are assembled under licence by Aquabox volunteer teams.

OUR WATER FILTERS



AquaFilter Family Unit

Designed to meet the needs of a typical family, the Aquabox family filter can process one litre per minute, and subject to a simple daily maintenance routine, it can produce up to half a million litres of clean drinking water over its working life. The family filter clamps to almost any convenient container such as a bucket or plastic crate, it requires no power source, and a simple hand pumping action delivers clean water directly into a glass or cup.



AquaFilter Community Unit

Designed for use in schools, clinics, community centres, and anywhere where people gather in large numbers, the community filter delivers up to six litres of clean drinking water per minute, and more than a million litres over its working life. Both the filters remove the suspended solids and biological contaminants, which are commonly found in river water, pond water, shallow well water or flood water – including the bacteria and viruses which cause serious illnesses like cholera, typhoid and polio. They do not remove dissolved substances such as salt or arsenic, which typically occur in deep wells.



Aqua12s Box

In some cases there is a pressing need to provide families with safe drinking water, but less of a necessity for the other humanitarian aid items which we include in our aid boxes.

To fulfil this aim we are now shipping our AquaFilter Family Unit in boxes of 12, known as Aqua12s.



Rotary and Aquabox

Rotary is one of the world's leading membership and humanitarian organisations with 1.4 Million members globally. Through membership of their local Club, individuals volunteer on community and humanitarian projects and activities which make a difference locally, nationally and globally. Rotary members are determined to tackle the world's biggest issues including promoting peace, fighting disease, supporting education and so much more.

In Great Britain and Ireland there are around 35,000 members in over 1500 Clubs. Rotary members are determined to tackle some of the world's biggest humanitarian challenges through Rotary's 7 Areas of Focus:

1. Peacebuilding and conflict prevention
2. Disease Prevention and treatment
3. Water sanitation and hygiene
4. Maternal and child health
5. Basic education and literacy
6. Community and economic development
7. Protecting the environment

One of Rotary's leading commitments is to offer young people the platforms and opportunities for them to unlock their potential, their skills and broaden their horizons.

The Aquabox charity, founded by Rotarians, run by Rotarians and is well supported throughout Great Britain and Ireland and beyond by Rotarians, clearly addresses several of the above areas of focus.

ROTARY LINKS IN THE COMMUNITY

There is potential for your group to contact your local Rotary club and join in with an activity, competition, or project suitable to groups age range. For example: for primary school aged children they have Rotary Star awards for either an individual or a group project.

Not all Rotary Clubs in your area participate in all of them, however they may know another Rotary Club for you to contact for information. To find out more go to the Rotary International Great Britain and Ireland website www.rotarygbi.org and use club finder to find a Rotary club in your area and search Rotary Youth for more information on all these programmes, awards, and competitions.



RotaKids age 7 to 12 years

Rotary Stars awards



Interact

age 12 to 18 years



open to all young adults 18 years and over

Some of our Rotary Youth Projects



Junior RYLA

age 13 to 16 years



Senior RYLA

age 18 to 25 years

Some of our Rotary Youth Competitions




ORDERING BADGES

Please order your Aquabox badges using the form below.

Will you fill in this form to order your badges as soon as possible please, to avoid delivery delays and disappointment with possible restocking of the badges.



 **Aquabox** as a charity, ask for minimum donation of £1.00 per badge please. These donations will help fund an Aquabox and thus 'working together help to save lives'.

Sylvia & Ray Spare 0777 902 0974 / 01530 414806 raynsylv@gmail.com

<p>Leaders Name:</p> <p>Group Name:</p> <p>Postal Address:</p> <p>Email:</p> <p>Telephone number:</p> <p>Number of badges required at a minimum donation of £1.00 each plus postage if required (the cost of postage will depend on the number of badges ordered.)</p> <p>Cheques payable to Aquabox please OR</p> <p>Donate for your badges on the Aquabox website and include a copy/screen print of the donation payment with this form.</p> <p>Use this link for the website or https://www.aquabox.org/what-we-do/aquabox-challenge</p> <p>Email or post to Mrs. S Spare, 64 Woodside, Ashby de la Zouch, Leicestershire, LE65 2NL</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;">Number of badges</td> <td style="padding: 5px;">Donation @ £1.00 each</td> </tr> <tr> <td style="padding: 5px;"></td> <td style="padding: 5px;">£</td> </tr> <tr> <td style="padding: 5px;">UK Postage Yes / No</td> <td style="padding: 5px;">£</td> </tr> <tr> <td colspan="2" style="padding: 5px;">Up to 50 badges £2.50 / Up to 150 badges £3.50</td> </tr> <tr> <td colspan="2" style="padding: 5px;">Overseas Postage 'cost to be confirmed' on request</td> </tr> </table>	Number of badges	Donation @ £1.00 each		£	UK Postage Yes / No	£	Up to 50 badges £2.50 / Up to 150 badges £3.50		Overseas Postage 'cost to be confirmed' on request	
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Overseas Postage 'cost to be confirmed' on request											



OPTIONAL SPONSORSHIP FORM

Some units have asked to help Aquabox further by doing a fundraiser and if you decide to fundraise this is an optional Gift Aid form you can use. The form can also be downloaded from the Aquabox website https://www.aquabox.org/images/supporters/Aquabox_Sponsorship_Form.pdf

Send any funds raised and optional forms directly to us or to Aquabox at the address below, either way, it would be great if will you please let us know what you did to fundraise and what was the amount raised to raynsylv@gmail.com

Sponsorship form



Name: _____ Event: _____

Address: _____ Postcode: _____

Phone: _____ Email: _____

Please return your completed sponsorship form with a cheque for the total amount (made payable to "Aquabox") to: AQUABOX, Unit 10, The Hill, Cromford, Matlock, Derbyshire, DE4 3QL

Title	Initials	Surname	Address	Postcode	Donation £	Date of donation	Gift Aid (tick)
TOTAL £							

Giftaid Make every £1 worth 25p more at no extra cost to you. Its just a tick, but the UK Government kindly adds 25p if you are a UK taxpayer.

Your Gift Aid declaration: If I have ticked the box headed "Gift Aid, I can confirm that I am a UK Income or Capital Gains taxpayer. I have read this statement and want Aquabox to reclaim tax on the donations detailed on this form, given on the date shown. I understand that if I pay less Income Tax / or Capital Gains Tax in the current year than the amount of Gift Aid claimed on all my donations it is my responsibility to pay the difference. I understand that Aquabox will reclaim 25p of tax on every £1 that I have given.

