

High Weald Energy Story Activity Resources: Water Wizard Challenge



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What is the Water Wizard Challenge?

The Water Wizard Challenge is a great activity to get the children thinking about how much water we use in our daily lives. Ideally it is set up in the playground or in the school hall where the children have space to run around.

What do you need to complete the Challenge?

Equipment	Preparation needed	Where can I find this?
Question & Answer sheets	Print	Pages 2 & 3
Score board for each team	Print 1 per team & label with team name	Page 6
Category Cards	Print & cut to Size	Pages 4 & 5
Stickers		Classroom resources

How do you play?

- Organise the children into maximum of 3 teams.
- Each team has their own score board.
- Place the Category Cards around the space provided e.g 1 in each corner of the hall.
- The children have to listen to a question relating to how much water is used by a household item (see Questions & Answer sheets).
- The children then run to the category they think is correct (see Category Cards).
- Reveal the correct answer.
- The individuals that are standing in the right category each gain a sticker for their team's score board.
- The process is then repeated for each question until all the questions are completed or you run out of time! The winning team is the one with the most stickers at the end of the session.
- There is also a bonus question if the teams scores are tied at the end (see Question & Answer Sheet).

Categories Available

- Category 1 Under 5 litres
- Category 2 5 -49 litres
- Category 3 50-100 litres
- Category 4 Over 100 litres

E.g for Question 1, 'How much Water do you need to flush a toilet?'. The answer is 6-8 litres. All the children that choose Category 2 will get a sticker for their team.





How much water is needed for these activities?

Flush a toilet

Water the garden with a hose pipe for 15 minutes

Have a bath

Take a shower for 5 minutes

Brush your teeth with the tap on

Fill the dishwasher

Use the washing machine

Have a glass of water

How much water is used on average per person per day for domestic use?

Bonus Question: Which activity do we do most per day?



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How much water is needed for these activities?

Question	Answer
Flush a toilet	6-8 litres
Water the garden with a hose pipe for 15 minutes	160 litres
Have a bath	80 litres
Take a shower for 5 minutes	35 litres
Brush your teeth with the tap on	41 litres
Fill the dishwasher	30 litres
Use the washing machine	65 Litres
Have a glass of water	0.25 Litres
How much water is used on average per person per day for domestic use	150 litres
Bonus Question: Which activity do we do most per day?	Flush the toilet



Category 1

Under 5 litres

Category 2

5 to 49 litres



Category 3

50-100 litres

Category 4

over 100 litres

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Water Wizard Score Board
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Water Wizard Score Board