

Captain Efficient vs the Water Wasters Activity book answers

Key Stage 1

Task

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Read the short story of Captain Efficient's arrival out loud, use your phonics to help you, and blend sounds to help you read any words you are unsure of. If you're not sure what some of the words mean, ask an adult to help you. Try adding in some expression as you read, or if it helps, act out the story.

Then complete this activity:

1. What colour is Captain Efficient? **Blue**
2. (Fill in the missing words) Captain Efficient appeared with a whizz, **bang, pop** and a flash of shimmering **blue** light.
3. What type of voice does Captain Efficient speak in? **Loud, booming**
4. What did Mr Willicott ask Captain Efficient to find for him? **Water Warriors**

Task

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Use the information above to help you complete these sentences:

1. Leaky toilets waste water as they lose little dribbles of water that can't be seen.
True or false? True
2. Leaky loo strips help to detect a leaky toilet.
True or false? True
3. You can save water by filling your dishwasher and washing machine before you put them on.
True or false? True
4. You can leave the tap running whilst you clean your teeth, it won't waste any water.
True or false? False

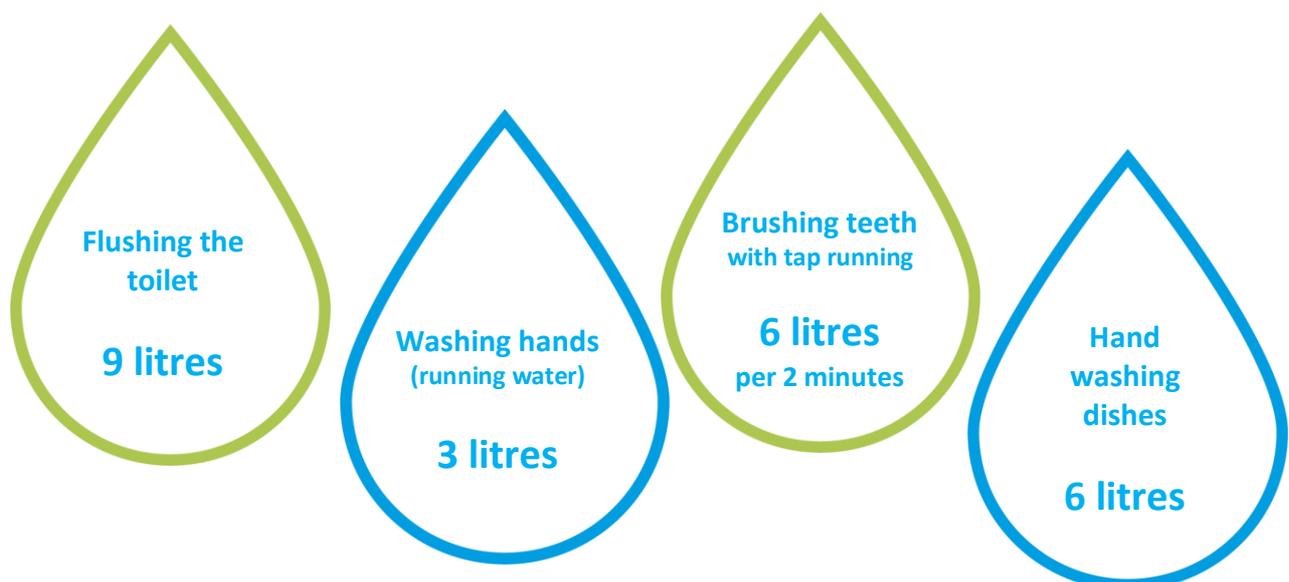


5. To save water whilst washing your hands, you can put the plug in the sink and use that water to wash your hands in.
True or false? True
6. Flushing wipes, cotton wool and tissues down the toilet doesn't waste water and won't block the pipes.
True or false? False
7. You can save water by not filling your bath all the way to the top.
True or false? True
8. You can also save water and keep clean by having a four-minute shower.
True or false? True

Water Maths

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Now we're going to use what you've learnt about saving water to do some sums.



1. Find out many litres of water flushing the toilet and washing your hands uses by doing this sum: $9 + 3 = 12$



2. Find out many litres of water are used by hand washing dishes twice a day by doing this sum: $6 + 6 = 12$
3. Find out how many litres of water are used cleaning your teeth twice a day with the tap running by doing this sum: $12 \times 2 = 24$
4. Find out how many litres of water are used by flushing the toilet twice by doing this sum: $9 \times 2 = 18$

Re-cap

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To re-cap what you've learnt in this book, try answering the questions below:

1. Captain Efficient arrives with a **whizz, bang, pop**.
2. What does 'efficient' mean?
To use something well, for example time or water, so that none gets wasted.
3. Water keeps going round in one cycle, meaning we drink the same water as dinosaurs.
True or false?
True
4. When the sun heats the water from the sea it is called **evaporation**
5. The second part of the water cycle, when the drops of water make a cloud is called **condensation**
6. When the clouds get full **rain** falls to the ground. This is called **precipitation**
7. List five things we use water for.
Examples can include: washing, shower, bath, swimming pools, drinking, cooking, washing hands, flushing the toilet, washing dishes, watering plants, washing the car, dishwashers, washing machine, paddling pool, cleaning teeth



8. How do leaking toilets waste water?
They lose little dribbles of water down the back that can't be seen
9. Why shouldn't you flush rubbish down the toilet?
It wastes water with every flush and can block the pipes
10. How many minutes should you spend in the shower?
Four
11. List three ways water can be saved.
Examples can include: checking toilets for leaks, filling up the washing machine and dishwasher before they're put on, turning off the tap while you clean your teeth, turning the tap off while you put soap on your hands, putting the plug in the sink and using a small amount of water to wash your hands in, not flushing rubbish down the toilet, not filling your bath all the way to the top, having a four minute shower
12. How many litres of water does flushing the toilet use?
9
13. What can you do at home to try and save water?
Examples can include: ask an adult to check toilets for leaks, make sure the washing machine and dishwasher are full before they're put on, turn the tap off while I clean my teeth, turn the tap off while I put soap on my hands, or put the plug in the sink and use a small amount of water to wash my hands in, not flushing rubbish down the toilet, not having my bath filled all the way to the top, having a four minute shower
14. Tell five other people all about how to save water. These could be other people at home or friends and family you catch up with.

