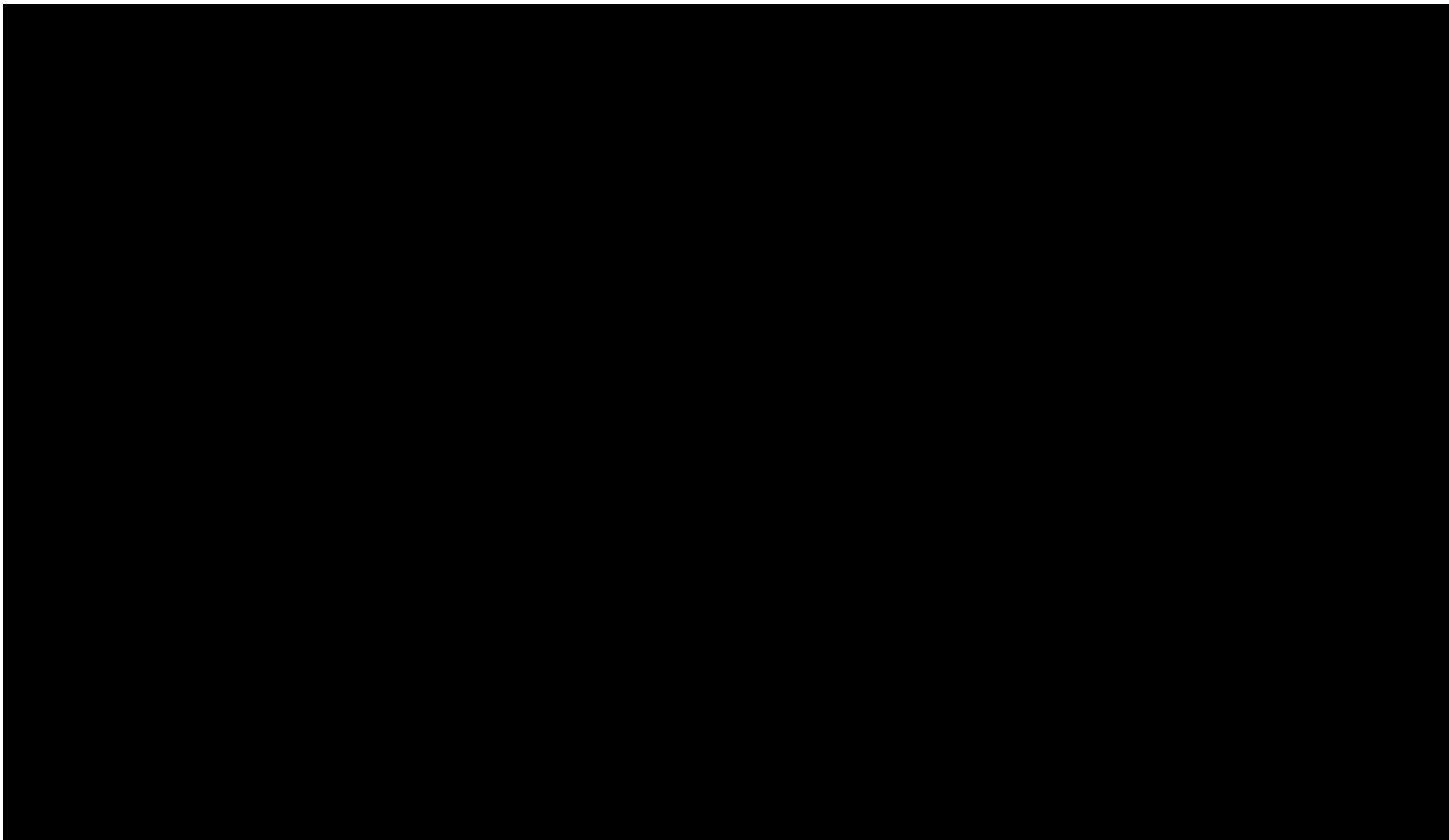


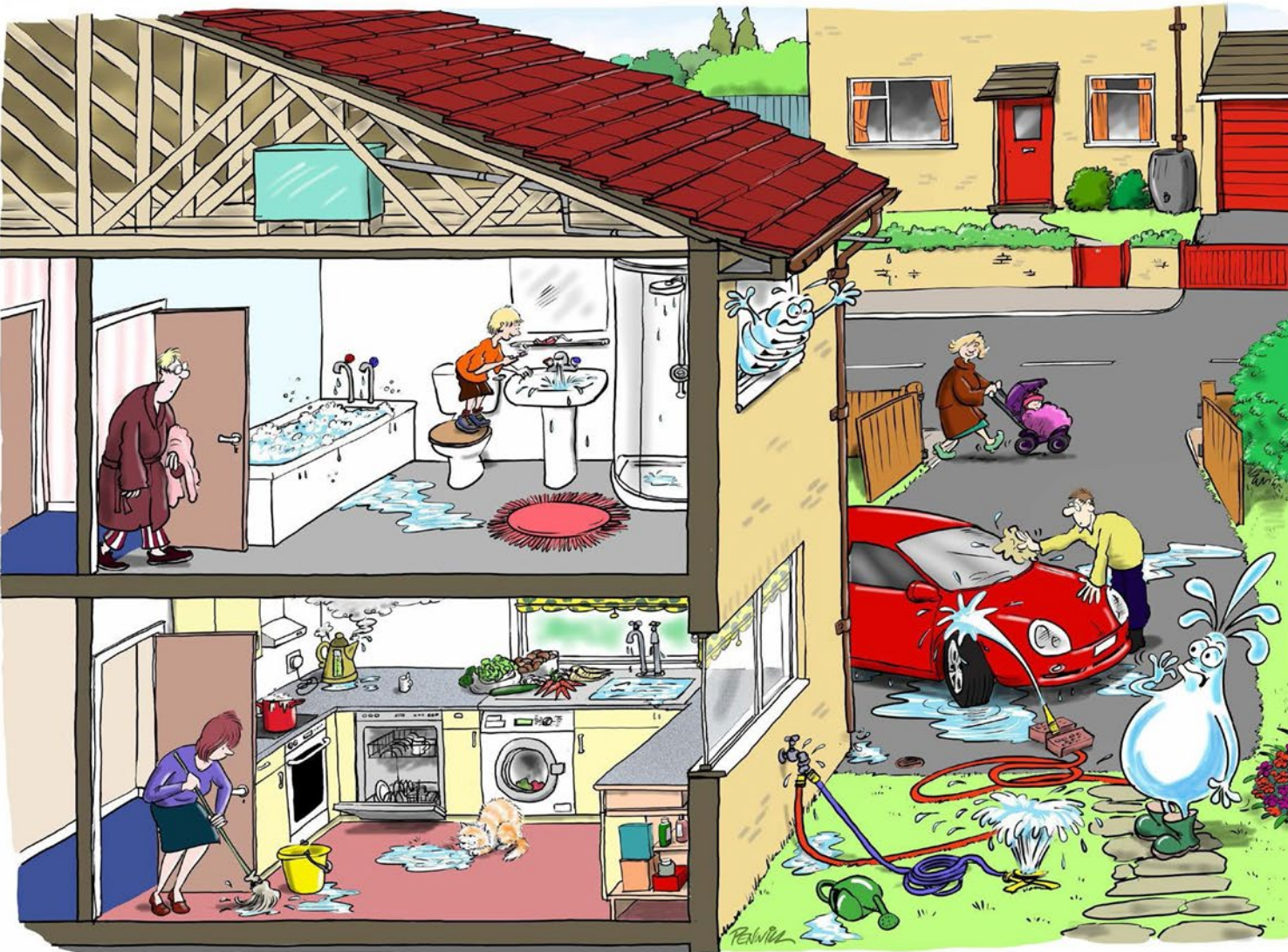
Saving Water Workshop





A family of four live in this house. Each person has a bath every day, cleans their teeth twice a day and flushes the toilet five times a day. There is a dripping tap in the

kitchen. One person washes vegetables once a day. Someone else uses a hosepipe to wash the car once a week, and the sprinkler to water the garden three times a week.



Bath:
100 litres

Shower for 7 minutes:
60 litres

Teeth cleaning:
with tap running – 10 litres
with tap off – 1 litre

Toilet:
Dual flush - 6 litres
Standard flush – 8 litres

Dripping tap:
15 litres a day

Washing vegetables:
with tap running – 6 litres
with water in a bowl – 4 litres

Washing a car:
with a hosepipe –
17 litres a minute for 10 minutes
with a bucket –
8 litres a bucket using 4 buckets

Watering the garden:
with a hosepipe or sprinkler –
17 litres a minute for 10 minutes
with a watering can –
6 litres a can using 5 cans

Water savers

Name



We are wa

Water

We each ha every day.

We all **turn** our teeth. W twice a day

We have a we each us

We have fix the kitchen

We **use a b** wash veget

We use a b

We use a w garden.

Water wasters

Name



We are **water wasters**, there are **FOUR** people in our family. How much water do we use each week?

Water wasters	Work out how much water we use each week - show your working	Total amount of water used each week in litres
We each have a bath every day.		
We all leave the tap running when we clean our teeth. We each clean our teeth twice a day.		
We have a standard flush toilet which we each use 5 times a day.		
There is a dripping tap in the kitchen.		
We leave the tap running when we wash vegetables for our evening meal.		
We use a hosepipe to wash the car.		
We use a sprinkler to water the garden.		



Altogether we use:

Water savers

Name



We are water savers

Water

We each have a bath every day.

We all turn on our teeth. We each clean our teeth twice a day.

We have a standard flush toilet which we each use 5 times a day.

We have a dripping tap in the kitchen.

We use a hosepipe to wash vegetables for our evening meal.

We use a sprinkler to water the garden.

We use a sprinkler to water the garden.

Water wasters

Name



We are water wasters, there are FOUR people in our family. How much water do we use each week?

Water wasters	Work out how much water we use each week - show your working	Total amount of water used each week in litres
We each have a bath every day.	Water x People x Number of times a day	
We all leave the tap running when we clean our teeth. We each clean our teeth twice a day.		
We have a standard flush toilet which we each use 5 times a day.		
There is a dripping tap in the kitchen.		
We leave the tap running when we wash vegetables for our evening meal.		
We use a hosepipe to wash the car.		
We use a sprinkler to water the garden.		



Altogether we use:

Activity	Calculations	Amount of water used each day
Bath	$100 \times 4 \times 7$	2800 litres
Shower	$60 \times 4 \times 7$	1680 litres
Teeth –leaving the tap running	$10 \times 2 \times 4 \times 7$	560 litres
Teeth –turning the tap off	$1 \times 2 \times 4 \times 7$	56 litres
Toilet – standard flush	$8 \times 5 \times 4 \times 7$	1120 litres
Toilet – dual flush	$6 \times 5 \times 4 \times 7$	840 litres
Dripping tap	15×7	105 litres
Dripping tap - repaired		0
Washing vegetables –tap running	6×7	42 litres
Washing vegetables –in a bowl	4×7	28 litres
Washing the car - hosepipe	17×10	170 litres
Washing the car - bucket	8×4	32 litres
Watering the garden - sprinkler	$17 \times 10 \times 3$	510 litres
Watering the garden – watering can	$6 \times 5 \times 3$	90 litres

Activity	Wasters use	Savers use	Difference
Bath/shower	2800 litres	1680 litres	1120 litres
Cleaning teeth	560 litres	56 litres	504 litres
Flushing the toilet	1120 litres	840 litres	280 litres
Dripping tap	105 litres	0 litres	105 litres
Preparing vegetables	42 litres	28 litres	14 litres
Washing the car	170 litres	32 litres	138 litres
Watering the garden	510 litres	90 litres	420 litres
Total	5,307 litres	2,726 litres	

Altogether the amount of water that could be saved is **2,581 litres**

This is my pledge



I, pledge to save water

at home by

Signed

Date

