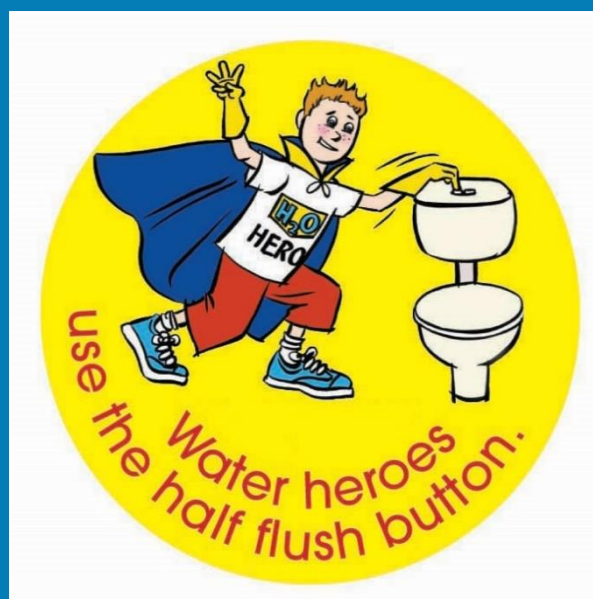


# Water Education Worksheets

Stage ES1&1

Rous County Council aims to support local schools and their communities to make choices and take action for wise water use and catchment care with free water education programs, activities and resources. Worksheets have been produced each year to complement the 'Every Drop Counts Program'. Please copy and use with your class.

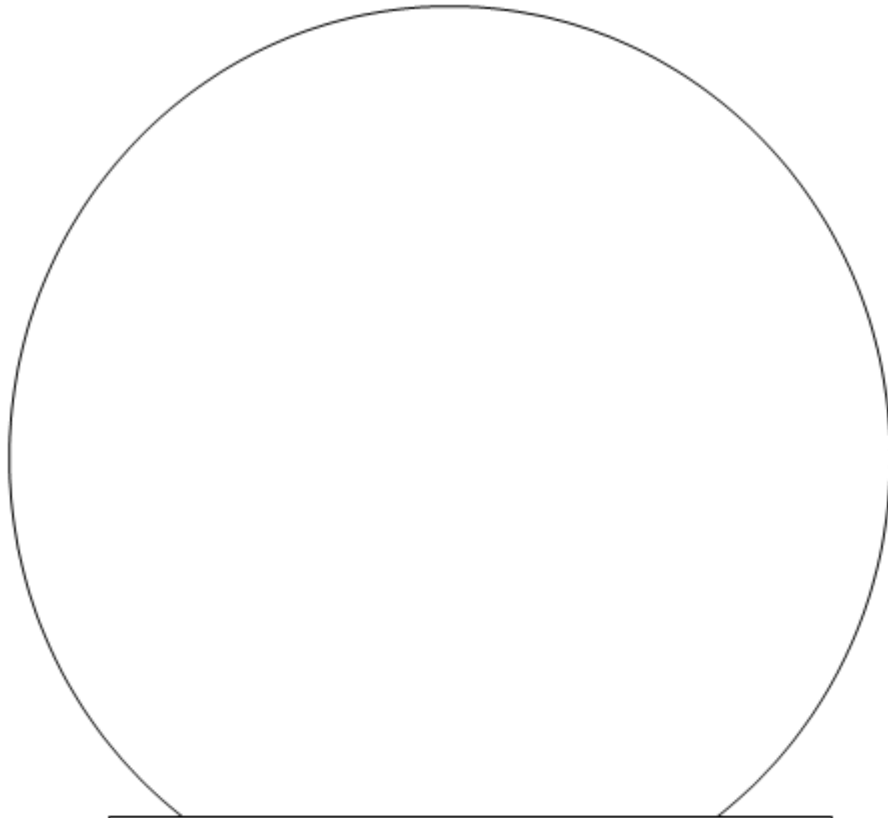


# Be a water hero!

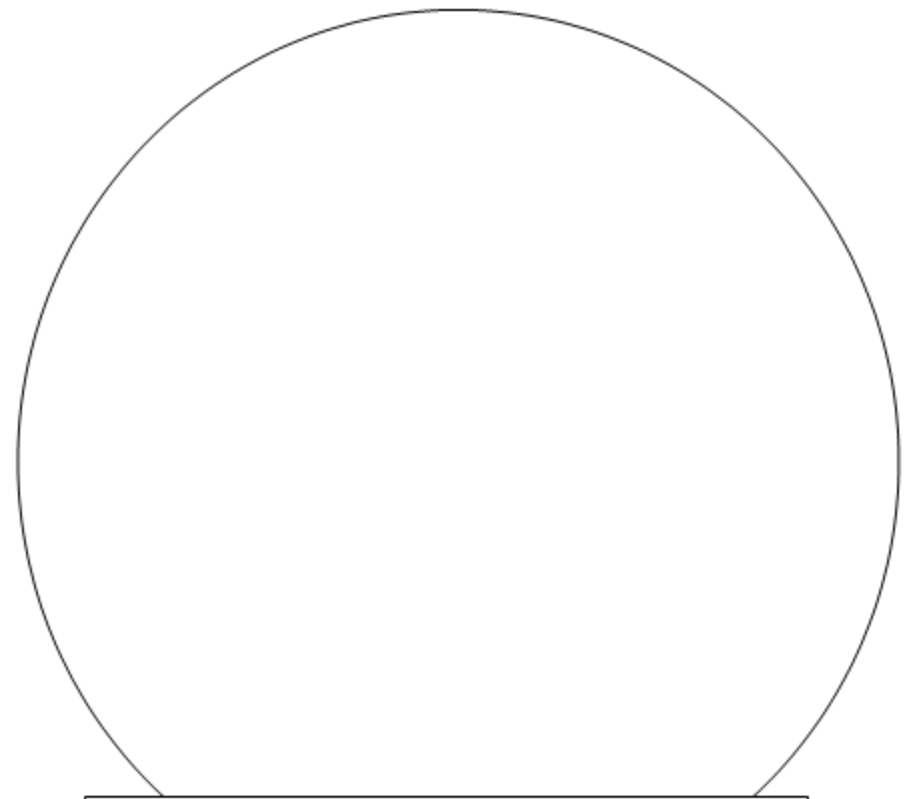


## Always turn off dripping taps.

Draw a picture of yourself as  
a Water Hero!



I use the half flush  
button when it's only pee!

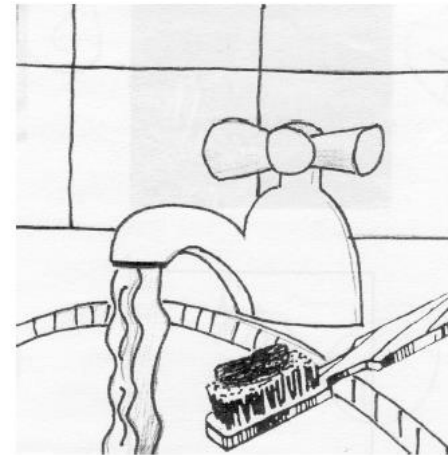
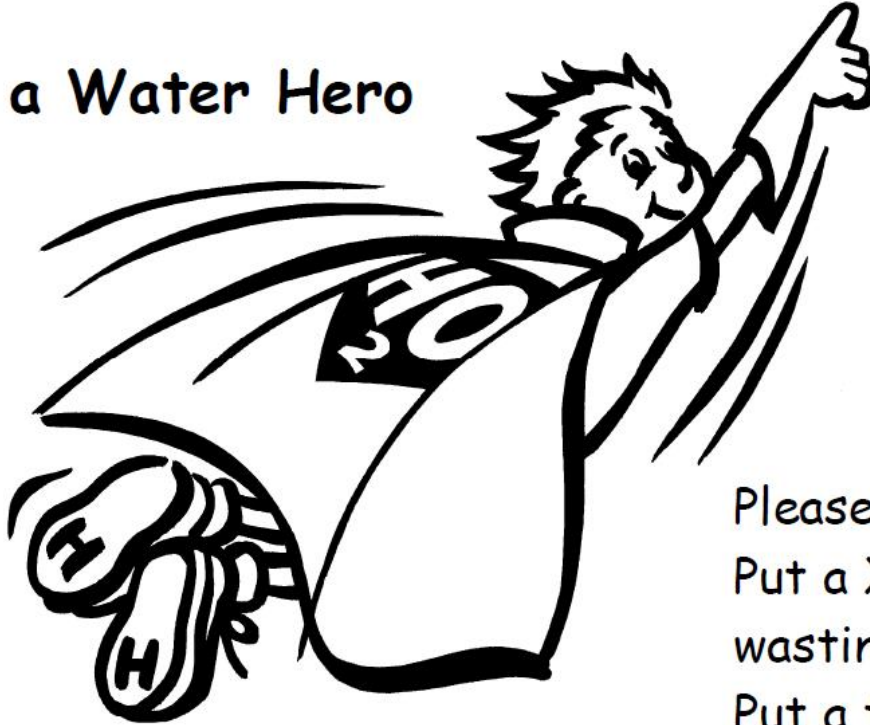


I never run the water  
while I clean my teeth.





I am a Water Hero



Please help the Water Hero.  
Put a X through the picture if it shows  
wasting water?  
Put a tick if it shows saving water.



Hip hop, plip plop, drip drop,  
I turn off every dripping tap I see,  
Use the half-flush button when it's only pee,  
I never run the water while I clean my teeth,  
Because I'm a water hero. Yes I'm a water hero!



2 Litres

Today I turned off the dripping tap and saved



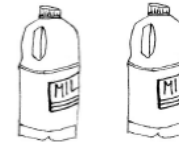
bottles =

I used the half-flush button and saved



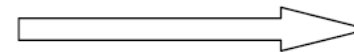
bottles =

Turned off the tap when I cleaned my teeth and saved



bottles =

Adding the bottles together, today I saved



bottles =

There are \_\_\_\_ students in my class.

If we each saved \_\_\_\_ bottles, together we could save \_\_\_\_ bottles.

Together we can save a lot more water.

# Are you a water hero?

Use with the poster  
from the  
Every Drop Counts  
Program!



## Across

---

2. Save water at the toilet by pressing this flush button.
3. \_\_\_\_\_ drop counts.
5. If everybody does a little bit of water saving together we can save a \_\_\_\_ of water.
7. Water Heroes \_\_\_\_\_ water.

## Down

---

1. These type of heroes use less water.
4. Are you a Water Hero?
5. Report drips and \_\_\_\_\_.
6. If you see this dripping quickly turn it off and save water.

# Are you a water hero?



I USE LESS WATER  
I PRESS THE HALF FLUSH

I TURN OFF THE TAP  
I REPORT DRIPS & LEAKS

## Yes!

Every drop counts



## A picture story about our water

Water comes from the



and is stored in the



or in



We share the water with all the other

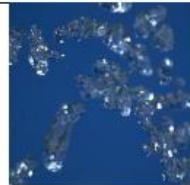


and the plants and



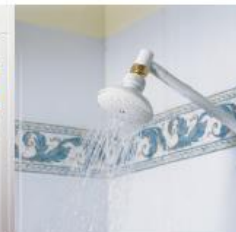
too.

All living things need



to survive.

Every day we use water for many things like



Every day we all need to be wise with our water and make sure we don't waste a



The Water Heroes save water by



and having a quick

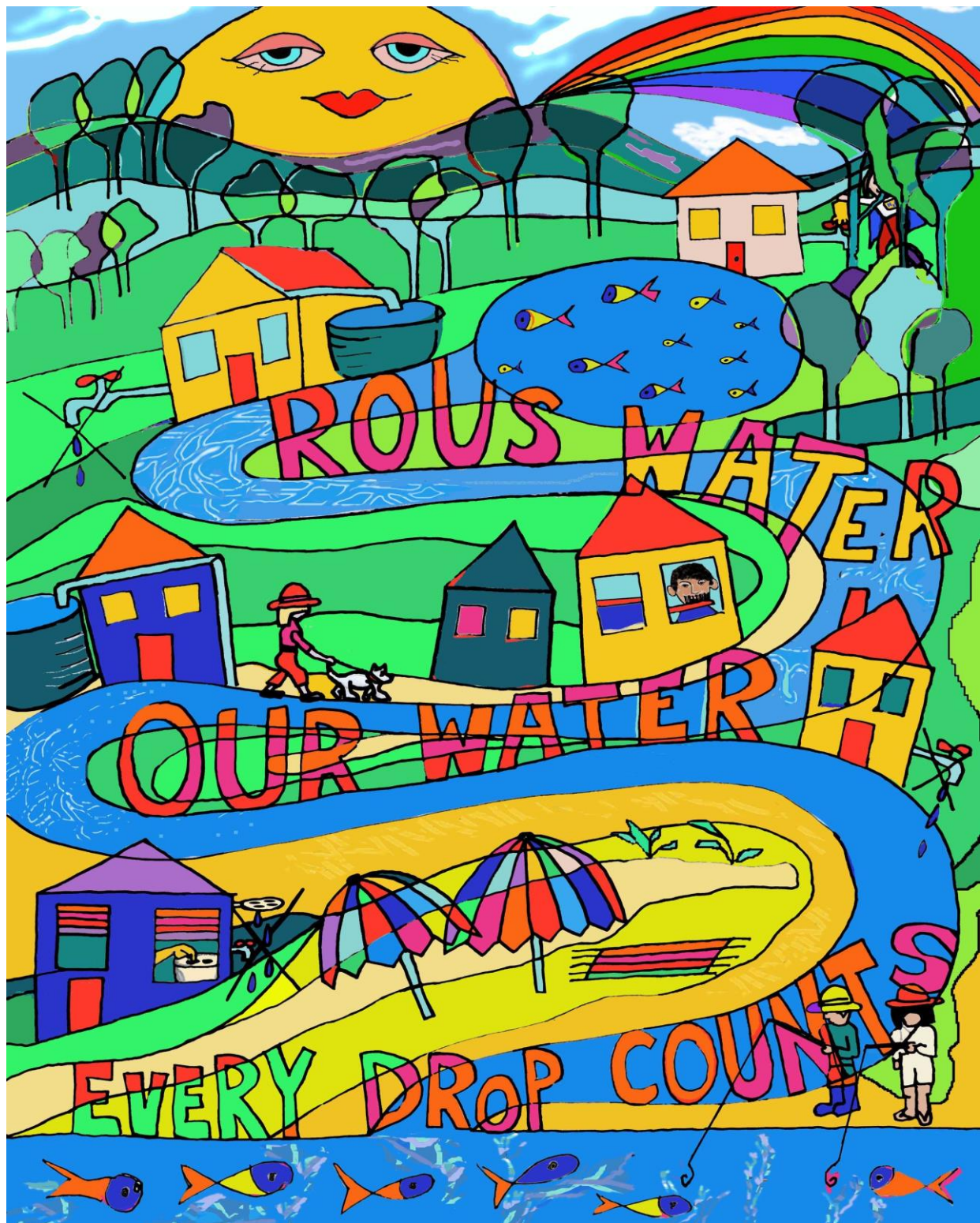




Are you a Water Hero? **YES.** Please draw a picture to show me how.

A large, empty rectangular box with a thin black border, intended for a child to draw a picture showing how they are a water hero.

Can you find three water heroes in this picture?  
How are they saving water?

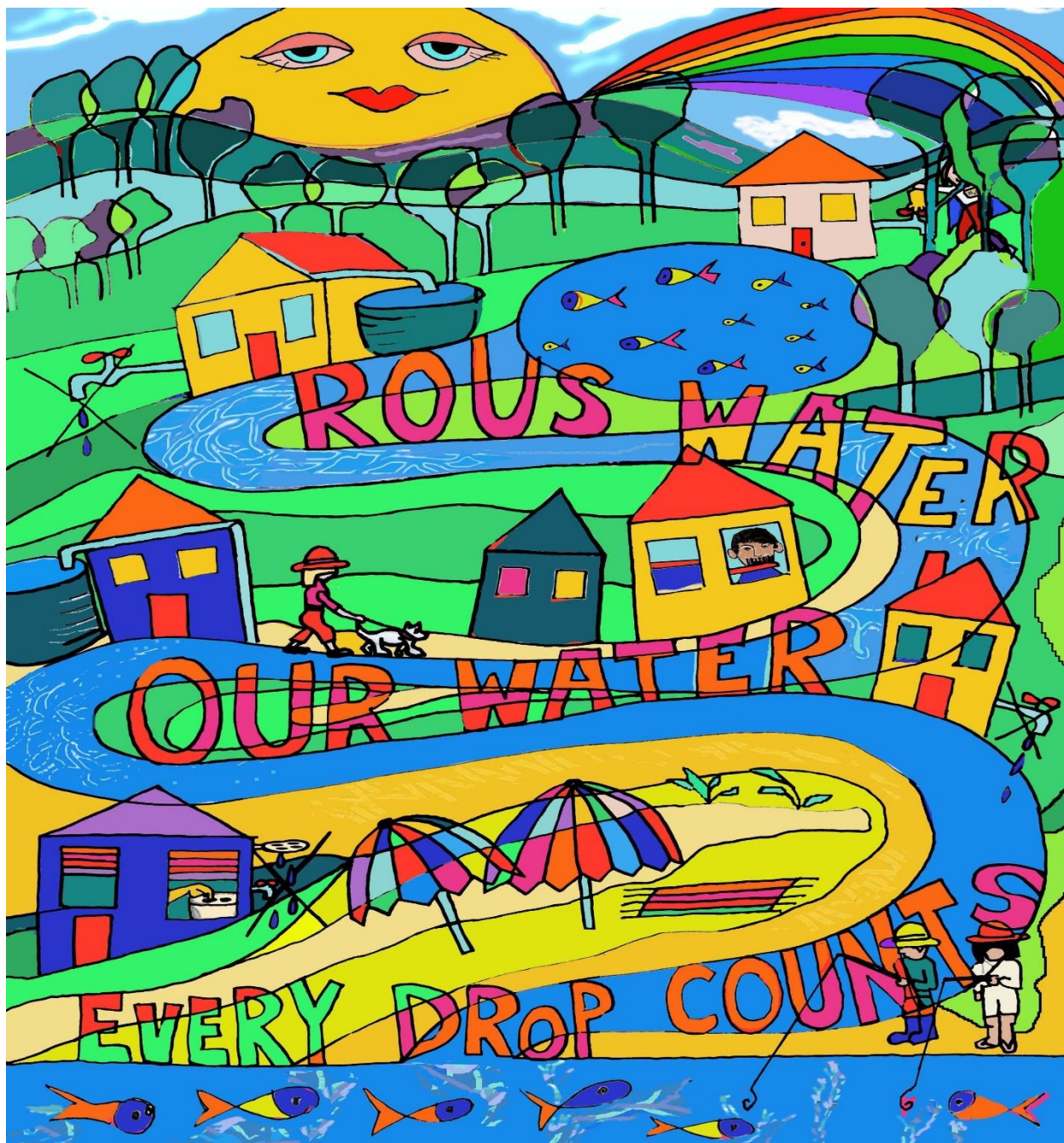




## Water science detectives: Where is the water?

Water is found in many places. Look in this picture and draw three places where there is water.

1	2	3
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Ideas: Toilet, pipes to the shower or taps, tanks, sea, river, dam, people, animals, rainbow, clouds, trees, plants and ?



## Water science detectives: What is water?

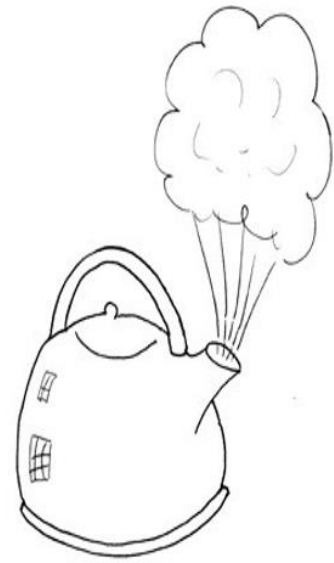
Water can drip, soak, run, flow, flood, drift, rise, melt, boil and change. Working with a partner, look at the three pictures and discuss what is happening in the picture.



When the tap is turned on water flows out into a glass. This is water as a liquid.



Ice cubes are put into a drink to help keep it cool. They are frozen water. This is water as a solid.



When the kettle boils the water turns to steam. This is water as a gas.

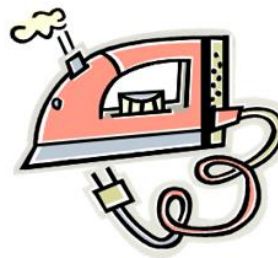
Water can be a liquid, solid or gas. Look at these pictures and decide if the water is a liquid, solid, or gas.



Liquid, solid or gas?



Liquid, solid or gas?



Liquid, solid or gas?



Liquid, solid or gas?



Liquid, solid or gas?



Liquid, solid or gas?



Liquid, solid or gas?



Liquid, solid or gas?



Liquid, solid or gas?



Liquid, solid or gas?



Liquid, solid or gas?



Liquid, solid or gas?

**Question:** If water came in buckets, how many would you use each day?

**Answer**

**=**



**Every Drop Counts**



1 bucket = 9 litres



## We share water with all the people, plants and animals

**1. Question:** Look at these pictures and name some of the ways water is used everyday.



**2. Draw** one way you use water at school.

**3. Tick** the pictures if you are a water hero and help save water.





# Mission H<sub>2</sub>O Target 20



Remember it is not all about people! Can you make one bucket for our environment e.g. for healthy creeks, rivers, native plants and native animals.



**Your Mission:** You need to shower, flush, drink, cook, clean teeth, wash clothes and dishes and care for the veggie garden and the dog.

**Your Target:** You have one day and 20 buckets of water. Can you make it?

## Daily Diary : record your water use

A	B	C	D
Task	Amount of water it takes for one use (L = litres)	Number of times you do the task	Total for each task = columns B x C
Toilet flushing	Half flush = 3 L		
Hands washing	1 minute = 5 L		
Drinking	4 glasses = 1 L		
Showering	3 minutes = 27 L		
Clothes washing	1 load = 70 L		
Dishes washing	1 sink = 10 L		
Cooking	1 big pot = 2 L		
Dog drinking	Dog bowl = 1 L		
Vegetable growing	Small garden = 18 L		
Teeth cleaning	Tap off = 3 L		
Other water used?	eg Environment = 9 L What for & how much:		

**My total water use for one day =**



**Divide by 9 for number of buckets used:**

=  's

**I can save water by:**

# Mission H<sub>2</sub>O Target 20



## Water Use Knowledge Bank

Task— How many times in a day? How long does it take?	Litres used — Which model/device do you have at home? Check both columns.	
<b>Toilet flushing</b>	Full/half = 6/3 litres.	Single flush = 12 litres.
	Single flush with displacement device about 7 to 9 litres (eg a bottle).	
<b>Hands washing</b> <i>Tap restrictor shown in photo below.</i>	3 Star flow restrictor in tap = 5 litres a minute.	No tap restrictor = 12 litres a minute.
<b>Drinking</b>	A glass = 0.25 litres.	Drink bottle = around 0.5 litres. (Check)
<b>Showering</b> <i>How much water comes out of the hot tap before it is really hot? Add extra litres.</i>	3+ Stars showerhead = 9 litres a minute.	No Stars showerhead = 25 litres a Minute.
<b>Clothes washing</b>	4 Star rated machine = 70 litres a wash.	Older washing machine = 150 litres. <i>Remember to make it a full load.</i>
<b>Dishes washing</b> <i>You need more if you rinse plates etc before putting them in the dishwashing machine.</i>	3 star 12 place setting dishwasher = 18 litres per wash. Wash in sink = 10 litres	No Stars 12 place setting dishwasher = 34 litres per wash. Wash in double sink = 15 litres
<b>Cooking</b> <i>Spaghetti, tomato sauce &amp; cheese + salad.</i>	18cm Pot = 2 litres.	<i>Would water be needed for breakfast, lunch or other food preparation?</i>
<b>Dog drinking</b>	Average size bowl = 1 litre.	
<b>Vegetable growing</b> <i>A small mulched veggie garden that takes 2 watering cans a day to keep the soil moist.</i>	Watering can = 9 litres.	
<b>Teeth cleaning</b>	3 Star flow restrictor in tap = 5 litres a minute.	<i>Turn the tap off while cleaning so water only runs for less than half a minute.</i>
<b>Other water used?</b>	Examples: <b>Cleaning</b> (wiping tables, mopping floors) or <b>Gardening</b> (20 litres a minute from hose, use nozzle to control the flow).	

## Ask the Water Hero

It's easy to save water. Let's ask the water hero.



1. How can you save water in the shower?



I have a short shower.



2. How can you save water in the toilet?



I use the half flush toilet button.



3. How can you save water in the taps?



I turn off dripping taps.



4. I am a water hero.



I can save water by...



Draw a picture of you saving water



# Shower Power!

It's easy to save water in the shower.



1. Tick off who has a short shower in your family:

- ☐ I have a short shower.
- ☐ My mum or dad have a short shower.
- ☐ My brother or sister have a short shower.

2. Work out how much water is used when you have a short or long shower.



If you have a 3  
Star water saving  
showerhead:

One minute  
= 1 bucket

More stars = more water saved.



**Short Shower . . .**

Three minutes  
= 3 buckets



**Long Shower . . .**

Six minutes  
= 6 buckets



3. Draw a picture of another way you can save water at home.

*Ideas: Use the half flush button, turn off dripping taps, clean teeth with tap off, report leaking taps.*

4. Choose your favourite sticker: Colour in the star on the one you like best.



Use a shower timer  
Save water



3 minutes  
is all it  
takes

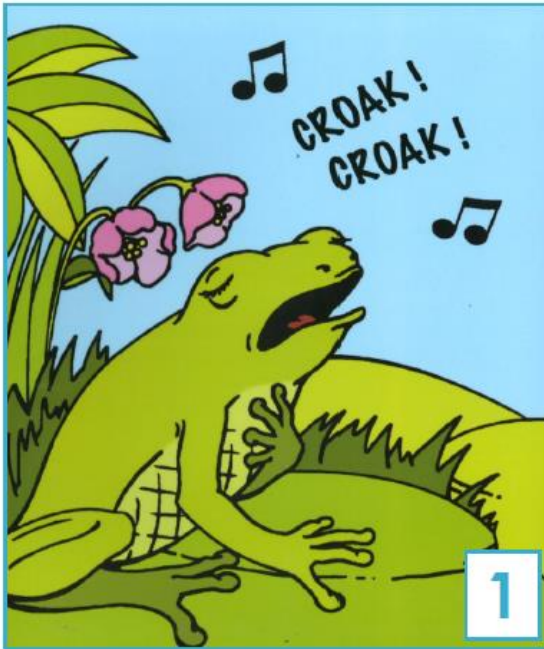




## Singing for Rain

Complete this cartoon by drawing the middle picture in the number 2 box. You could use Jerranj's friends in your drawing.

**Box 1** = Jerranj the green tree frog is singing for rain. **Box 3** = He gets a drink but is careful not to waste any water.



### Jerranj's friends



**Magill** - water dragon



**Djanbung** - platypus



**Bininy** - echidna



**Boodgeragah** - fig tree



**Bundoon** - pademelon



**Gadjul** - brush turkey

The Water Hole Cartoons were created by Rous Water, Widjabul descendents and Sustainable Futures in 2007. The language used is Wiabul, the traditional language of the Widjabul people. The animals and plants are local native wildlife from the rainforest around Rocky Creek Dam, part of the Big Scrub area.

In the box, draw your answer to the question below, from Jerranj and his friends.

***Jerranj and his friends ask "How can you save water?"***



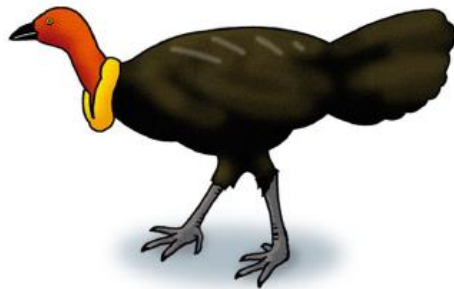
## Singing for Rain

The watering hole is a special place. It is where all the local creatures gather to talk about what is going on in the world. It is a talking place. A thinking place. A place where stories are told. Nganyul Mah – Our Place. The watering hole is full of fresh, clean water. All the creatures depend on it for life. Boodgeragah the fig tree is the guardian of the watering hole.



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Gadjul the brush turkey.



Jerranj the green tree frog.



Bininy the echidna.



Boodgeragah the fig tree.





## Study the cartoon and answer four questions:



1. Jerranj the green tree frog is singing for rain. Why is water important to him?



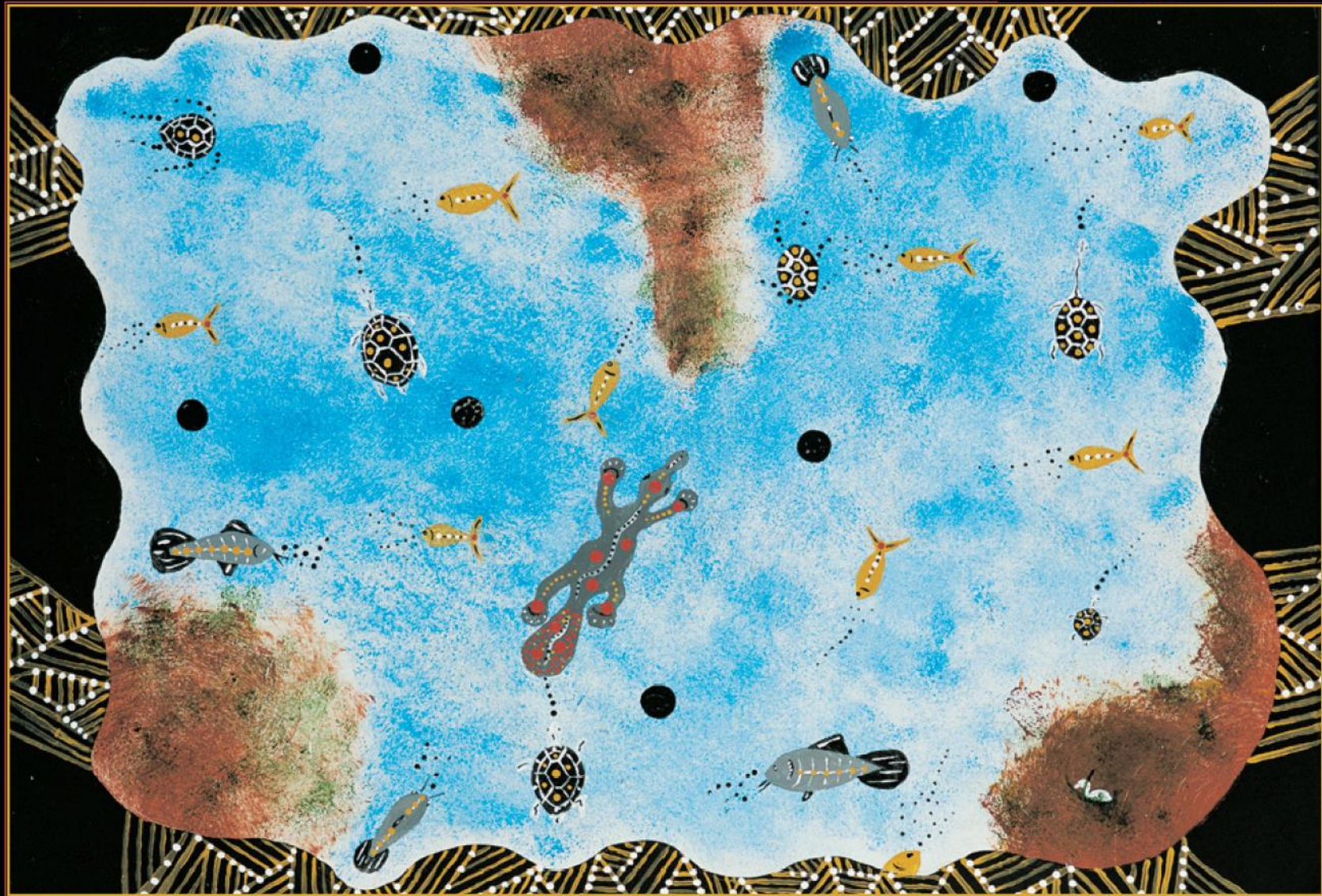
2. In the dry times, what happens to the water in the watering hole?



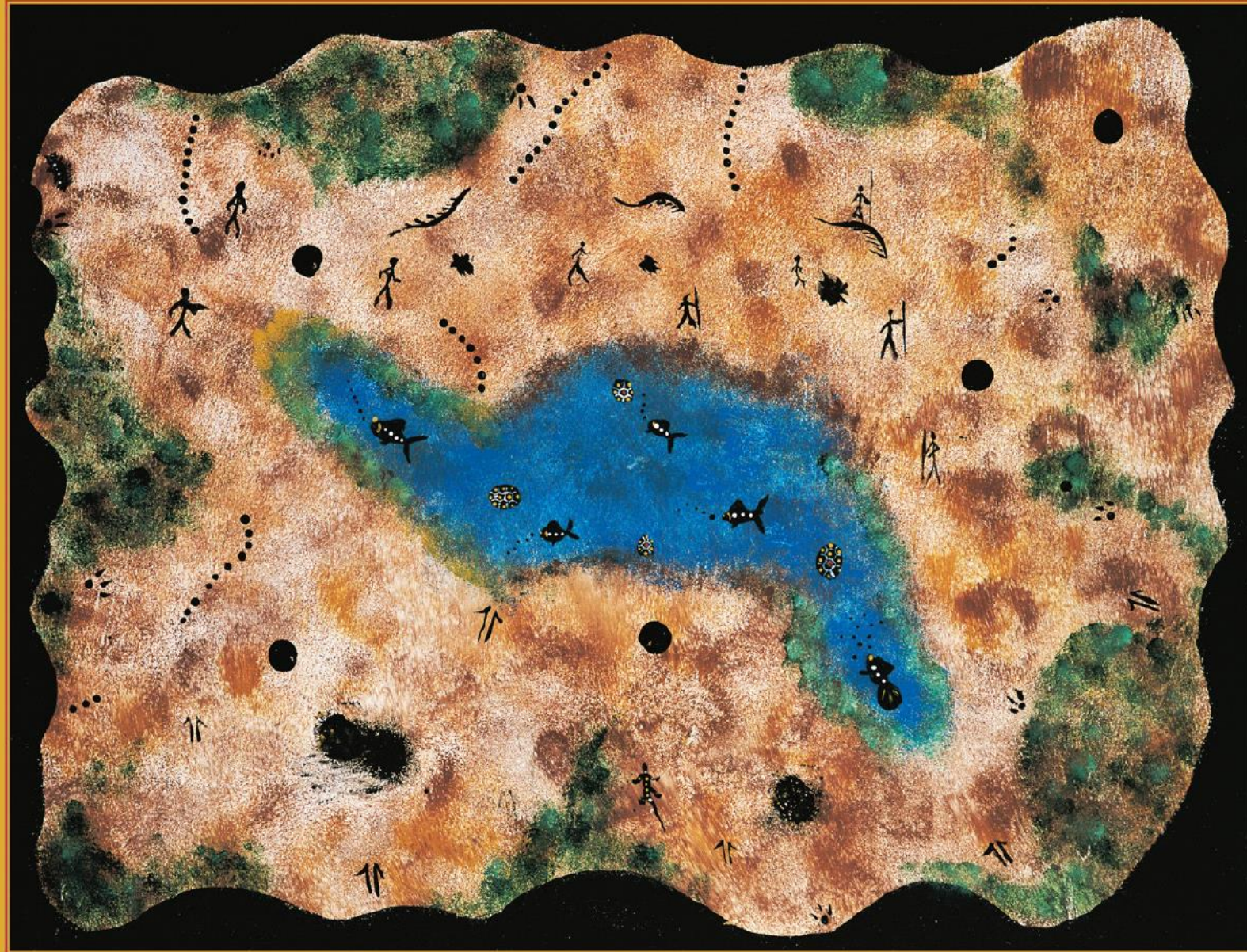
3. We need water too, and we share it with the animals and plants. Name two ways you use water at school.



4. Our water is stored in Rocky Creek Dam. How can you help save water so there is always plenty left in the dam?







-  echidna
-  wallaby
-  bird
-  dog



