

# Stage 2

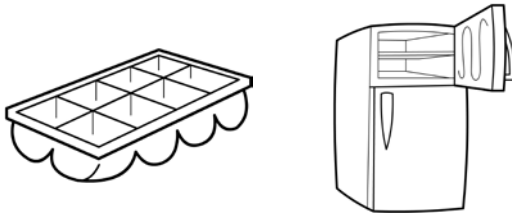
## Investigate the properties of water

What can water do? See how it can push, flow down hill and fill spaces.

### How does water change?

#### 1 Liquid to Solid

Fill an ice cube tray with water and place it in the freezer section of a fridge.



Draw what the water looks like now \_\_\_\_\_

#### 2 Liquid to Gas

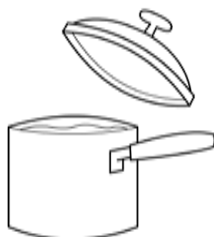
Your teacher will boil water in a jug. What is coming out of the jug? Is it hot?



The name for this is E \_\_\_\_\_

#### 3 Gas to liquid

Your teacher will put a saucepan lid over the steam. What can you see on the inside of the saucepan lid when it is taken off?



Draw what you see on the lid of the saucepan \_\_\_\_\_

The name for this is C \_\_\_\_\_

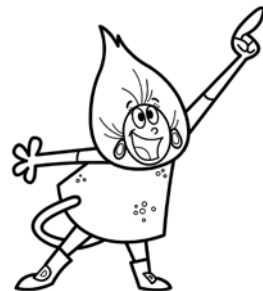
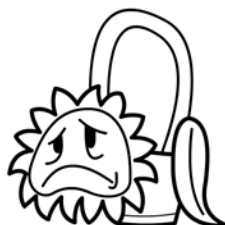
Stage 2

# Lesson 2

Sheet 1

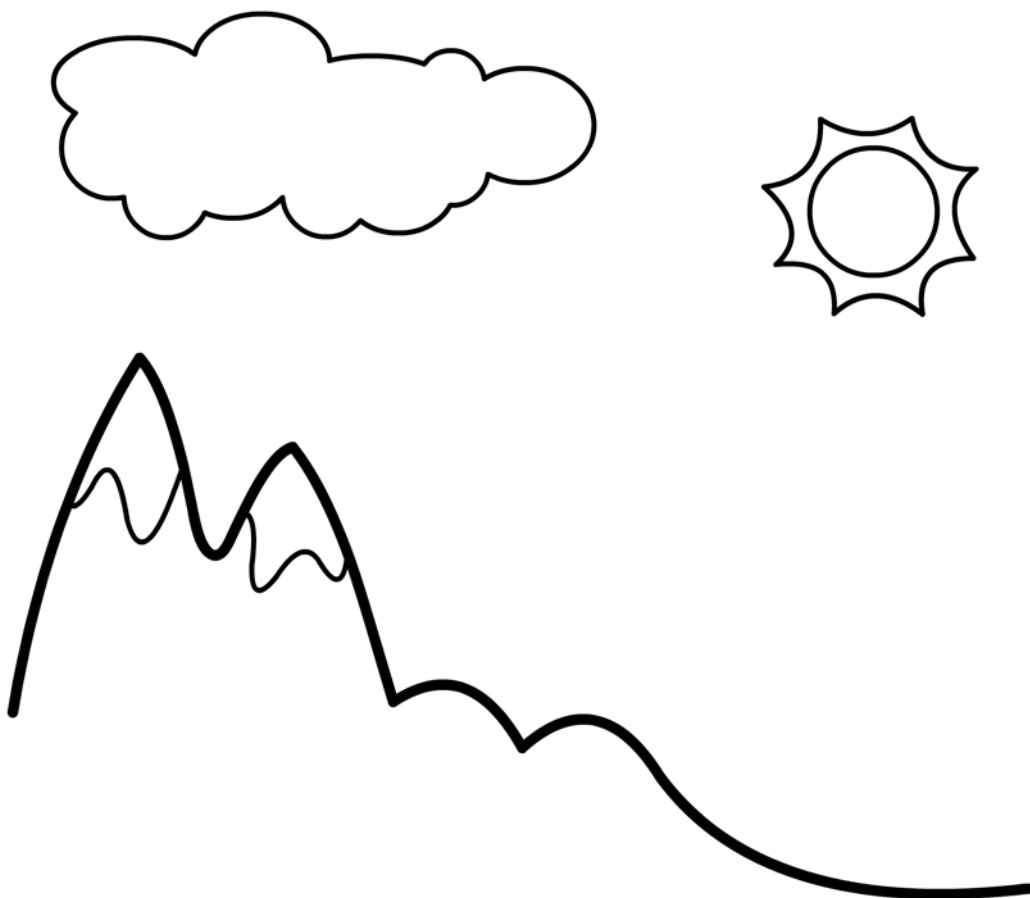
## Friends of Tapstar follow the water cycle

Cut out pictures and place on the water cycle drawing



## Friends of Tapstar follow the water cycle

- 1 Paste or draw pictures of the rain, steam ocean and river on the water cycle below:



- 2 Now use this drawing to help you make a list of the ways that the water cycle effects our everyday lives and draw arrows to show how water travels through the cycle

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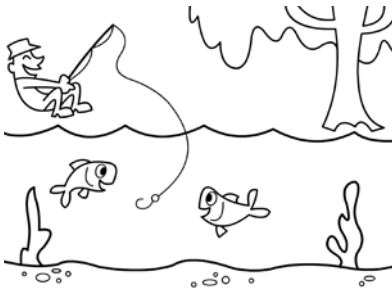
## Lesson 4



# As a Water Inspector find out how humans use water and the damage we have done to our environment

**Work** in small groups, at the computer, to research how and where we use water.

list any problems that we face in the world because of our water use.



**Ways we use water and where we use it**

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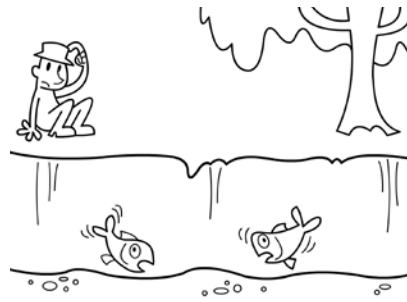
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**Problems we face in the world because of how we have misused water**

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Report back your findings to the whole class.

# Lesson 5



# As a Water Inspector Prevent Wastage of Water in the School Environment

**Work** in groups to do a water survey at your school.

You need to walk around the school looking carefully at how water is used in the school. You will need to list any problems, such as leaking taps or running bubblers, single flush toilets or no mulch on the garden. Find the school water meter.

Please record the number of problems [for example the number of leaking taps that you see]

**List the problems you find:**

[illegible]

**Record the number of problems you find:**

[illegible]

Report back your findings to the whole class.

## Role play activity cards.



# 1

**Show** the rest of the class how we can save water when brushing your teeth.



# 2

**Show** the rest of the class how we can save water in the shower.



## Role play activity cards.



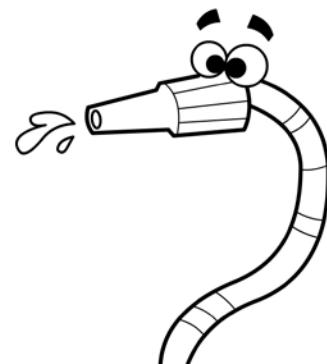
3

**Show** the rest of the class how we can save water when washing our clothes.



4

**Show** the rest of the class how we can save water in the Garden when using the hose





## Stop wasting water song



When in the laundry you've got to get it right  
Use a front loader it's being very bright  
Next time you've only got a half a load  
Just wait till you've got more dirty clothes

Think it oh, oh ver  
Think it oh, oh ver

Stop wasting water  
Before it all runs out  
Stop wasting water  
Before it all runs out



Think it oh, oh ver  
Think it oh, oh ver



When cleaning driveways you should never use a hose  
Just use the broom or rake you know how it goes  
Next time you need to wash your motor car  
Just use a bucket and wash it on the grass

Think it oh, oh ver  
Think it oh, oh ver

When having showers you'd better keep it short.  
Brushing your teeth please turn the water off  
Next time that you need to use the looooo  
1/2 flush for one's and full for two's

Think it oh, oh ver  
Think it oh, oh ver

Stop wasting water  
Before it all runs out  
Stop wasting water  
Before it all runs out



Think it oh, oh ver

**STOP!**

## Don't let the Tap Go Drip song



If You want to save water clap your hands  
Clap Clap Clap clap  
You'll help the environment and the land  
Clap Clap Clap clap  
Now Only use water when you need it  
And don't let the tap go drip drip  
And don't let the tap go drip drip drip.



When you brush your teeth turn the Tap off  
Turn Turn Turn Turn  
Otherwise it will go down the plughole  
Turn Turn Turn Turn  
Now Only use water when you need it  
And don't let the tap go drip drip  
And don't let the tap go drip drip drip.



When you have a short shower you'll sing this song  
Clap Clap Clap clap  
Save water otherwise it will be gone  
Clap Clap Clap clap  
Now Only use water when you need it  
And don't let the tap go drip drip  
And don't let the tap go drip drip drip

If You want to save water clap your hands  
Clap Clap Clap clap  
You'll help the environment and the land  
Clap Clap Clap clap  
Now Only use water when you need it  
And don't let the tap go drip drip  
And don't let the tap go drip drip drip



And don't let the tap go drip drip drip.

## Stage 2

# Tapstar Quiz for Stage 2

- 1 Water is not just a liquid. What other forms can water take? \_\_\_\_\_
- 2 What is the water cycle? How does the water cycle affect our daily lives? \_\_\_\_\_
- 3 Where is water found on earth? eg Oceans. How much of the worlds water is available for us to use? \_\_\_\_\_
- 4 How do humans use water? \_\_\_\_\_
- 5 What problems do we make when we use water? \_\_\_\_\_
- 6 How was water wasted in your school grounds? How can we stop this happening? \_\_\_\_\_