

# AQUA AVENGERS

DO YOUR PART,  
BE WATER  
SMART!



## EDUCATIONAL CONCEPTS

- Why Water is Important
- Water's Incredible Journey
- Why we need to Save Water
- How YOU can Protect Water



Goldenfields  
Water

# AQUA AVENGERS

## STORY

Our rookie water-saving hero, Thunderstorm, is attending a picnic for newbie superheroes looking to join a team.

While at the picnic, Thunderstorm meets fellow superheroes Riptide, Snow Cap and Fridgy Didge, who all share a passion for saving water. But before they can team up, they discover that someone is wasting and polluting water at the picnic. Could it be the notoriously wasteful Pierre Deluge?

With your help, Thunderstorm, Riptide, Snow Cap and Fridgy Didge set out to change Pierre's villainous ways and form their own superhero league...

**The Aqua Avengers!**



Pierre Deluge

Fridgy Didge

Thunderstorm

Riptide

Snow Cap

## WORDS TO KNOW

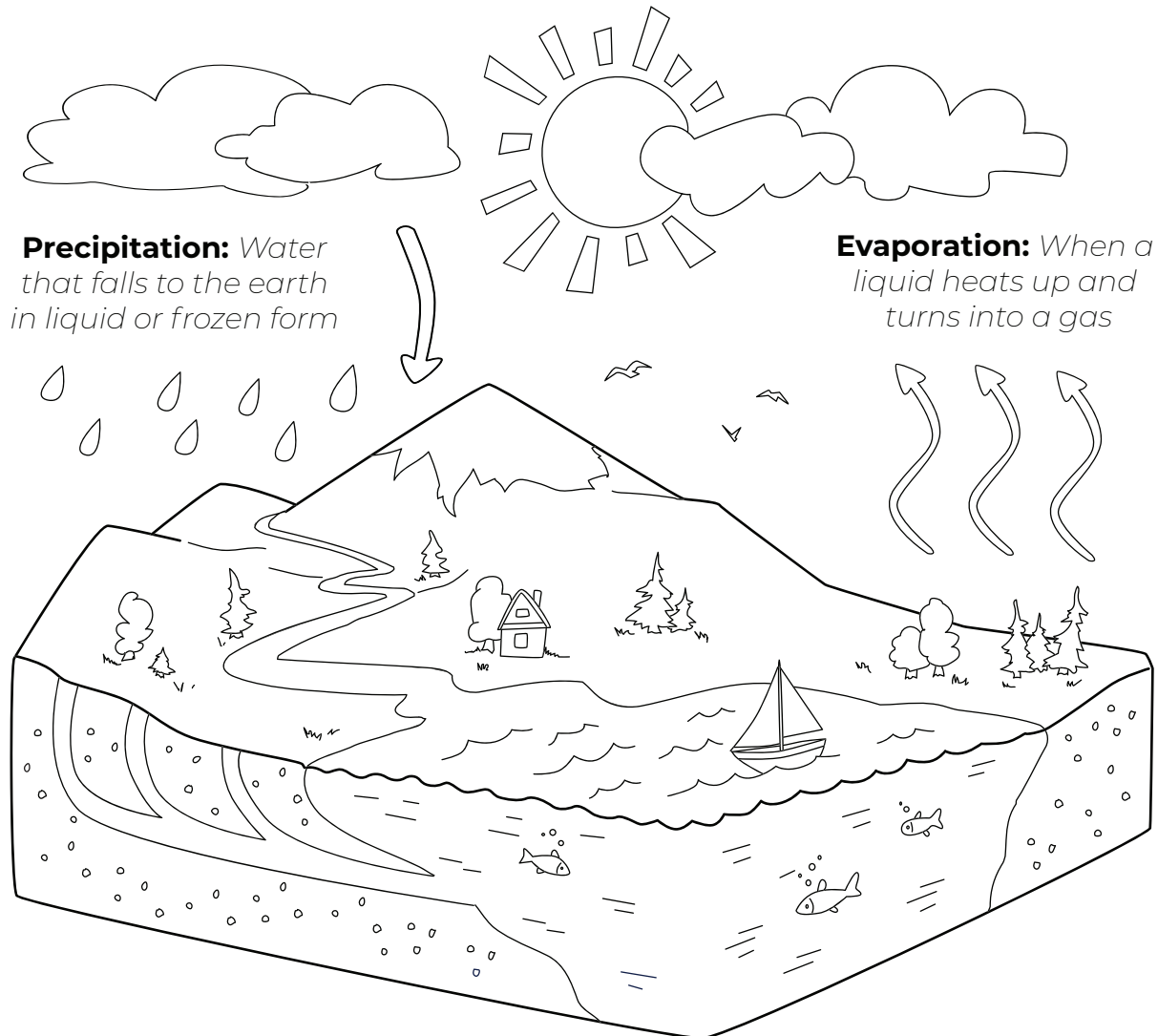
<b>Condensation</b>	When water vapour (in the air) turns into liquid water
<b>Conservation</b>	Using natural resources carefully
<b>Drought</b>	A prolonged period of very low rainfall
<b>Evaporation</b>	The process of turning water from liquid into vapour (or gas)
<b>Fresh Water</b>	Water we can use for cooking, cleaning and drinking
<b>Groundwater</b>	Water that is found under the surface of the Earth
<b>Pollution</b>	Things that can contaminate or foul our environment
<b>Precipitation</b>	Rain, snow, sleet or hail that falls to the ground
<b>Salt Water</b>	Water with a high salt content, usually found in the ocean
<b>Surface Water</b>	Any body of water above ground, including streams, rivers, lakes, wetlands, reservoirs and creeks
<b>Treatment</b>	The process of cleaning and making water safe to use before it returns to taps or the environment
<b>Wastewater</b>	Water mixed with waste materials
<b>Water Cycle</b>	The cycle by which water circulates between the Earth's oceans, atmosphere and land

# COLOUR AND SHARE

We use water in many ways. Colour the picture and hang your work where friends and family will see it.



**Condensation:** *When a gas cools down and turns into a liquid*



**Precipitation:** *Water that falls to the earth in liquid or frozen form*

**Evaporation:** *When a liquid heats up and turns into a gas*

# MATCH 'EM UP

Find and circle the matching character who has a matching speech bubble. There is only one that is a match! Talk to your friends and find out who else made the match.

WE USE WATER EVERY DAY!

TURN OFF THE TAP WHEN YOU BRUSH YOUR TEETH.

TAKE SHORT SHOWERS AND SHALLOW BATHS.

NEVER LET YOUR HOSE RUN WHILE YOU'RE NOT USING IT.

HAVE YOUR PARENTS FIX LEAKY TAPS.

WE USE WATER EVERY DAY!

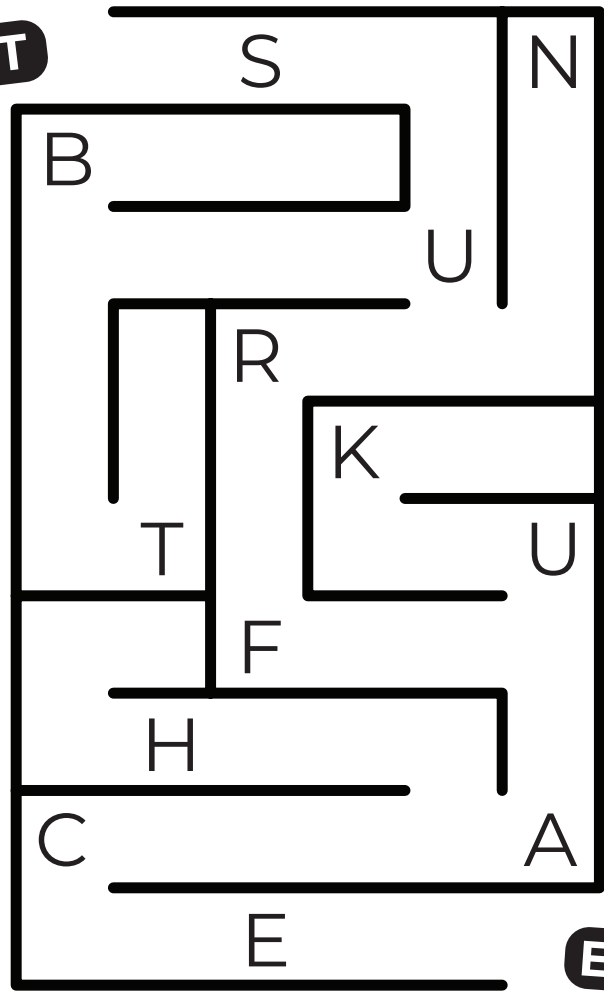
RIPTIDE'S

# MAZE

Find your way through the maze. Then write the letters in order on the lines below to find out the hidden message.



**START**



**END**

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water is any body of water above ground.

PIERRE'S

# WORD FINDER

You and your friends can find and circle all of the words from the list below. Do you remember what the words mean? Review their meanings on the inside front cover.



P	I	A	P	O	L	L	U	T	I	O	N	V
R	H	T	P	U	N	L	X	S	I	E	P	G
E	T	C	O	A	V	Q	G	I	K	J	U	R
C	O	N	D	E	N	S	A	T	I	O	N	O
I	P	C	N	X	A	B	P	R	Y	Q	A	U
P	E	O	T	E	U	Q	C	E	F	R	U	N
I	V	N	U	T	P	I	D	A	L	K	Q	D
T	A	B	Y	K	K	J	B	T	P	A	J	W
A	P	Y	J	L	E	P	A	M	G	S	L	A
T	O	P	H	R	F	L	V	E	U	N	W	T
I	R	I	Y	M	W	H	H	N	P	F	U	E
O	A	V	T	O	T	Q	T	T	B	U	N	R
N	T	V	V	G	E	D	G	V	P	F	Q	J
J	I	E	H	T	P	J	H	C	E	U	G	G
Y	O	P	M	W	W	T	Y	D	S	P	Y	Z
J	N	A	R	K	D	Y	O	F	U	R	V	P
Y	R	M	V	L	J	U	Y	L	A	J	F	F

CONDENSATION    PRECIPITATION  
 EVAPORATION    GROUNDWATER  
 POLLUTION        TREATMENT

THUNDERSTORM'S

# SUPER SCRAMBLE

Unscramble the words in the boxes below.

WASTEWATER

CONSERVATION

DROUGHT

TEAWSTWEAR

ANTCNIEOSORV

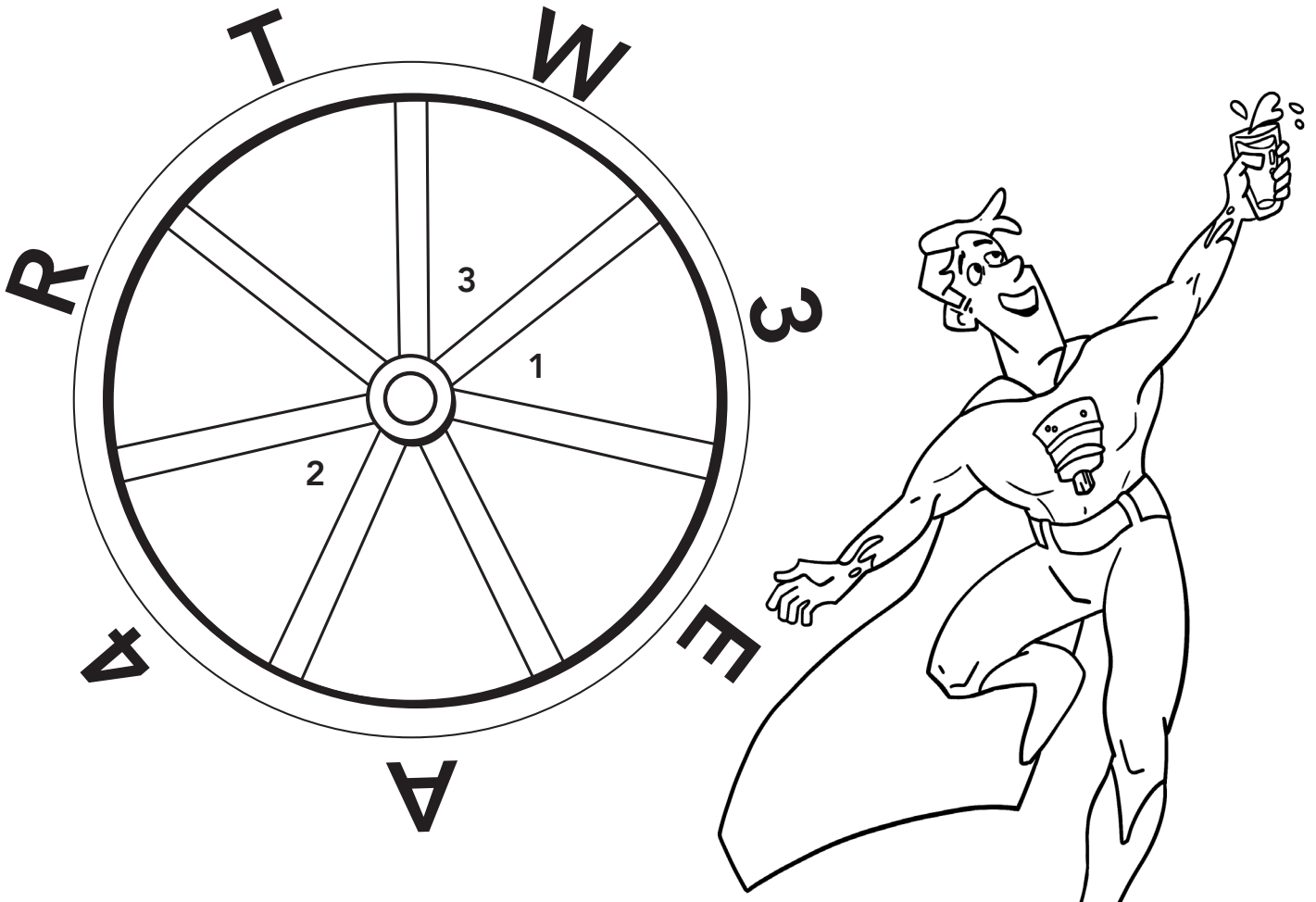
ODTRHG



FRIDGY DIDGE'S

# WHEEL OF WISDOM

Go around the wheel writing down every third number or letter to find the hidden message. The first three are already done for you.



Our bodies are

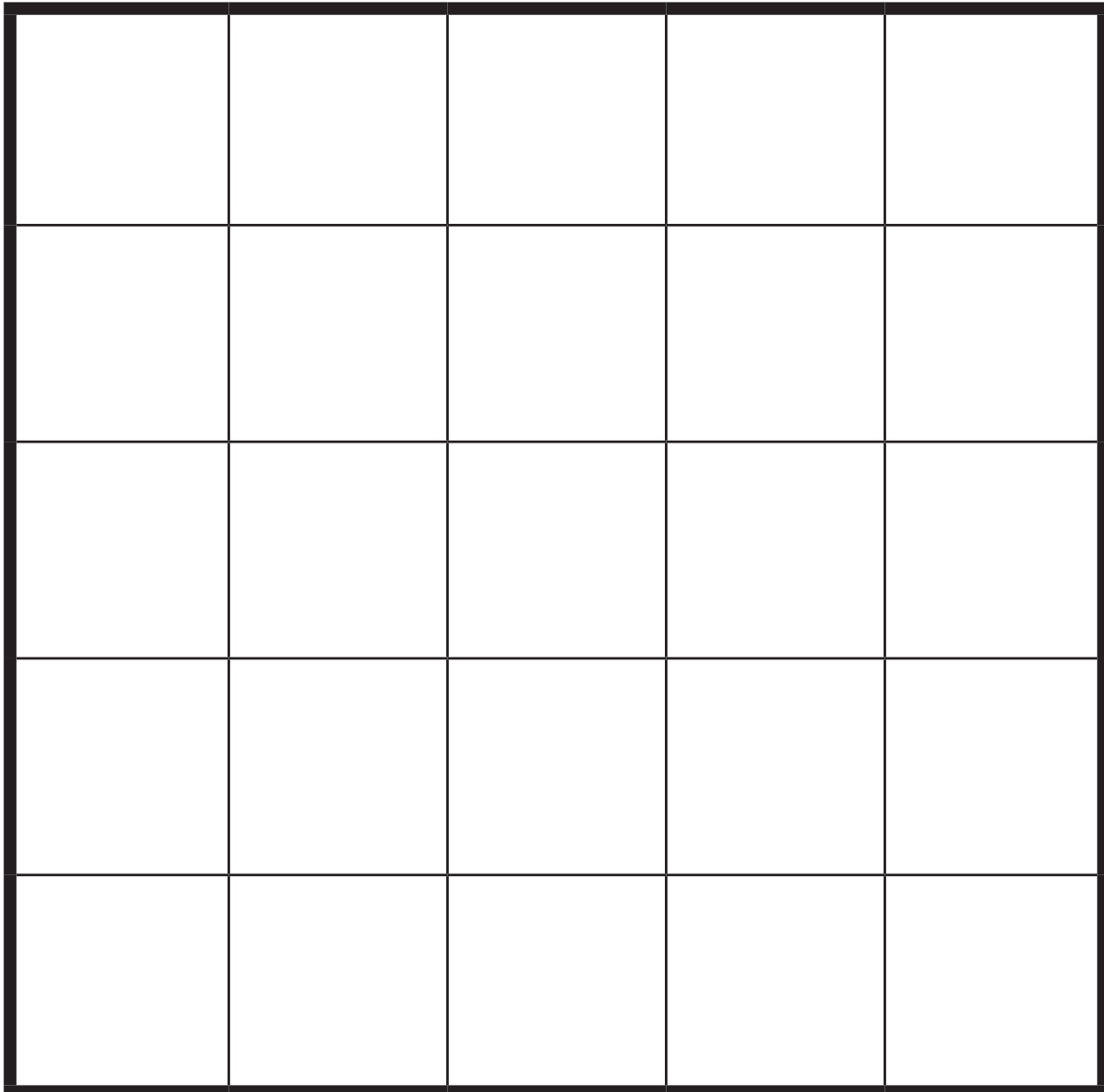
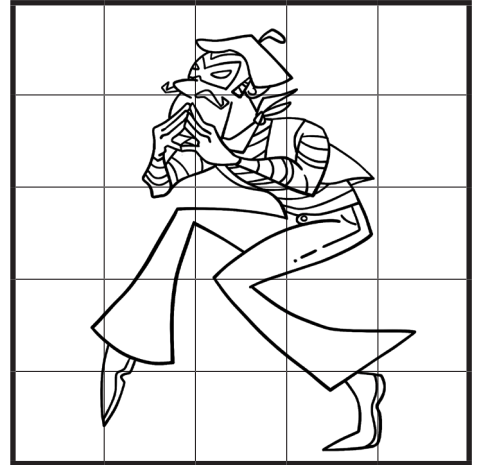
3 / 4 W

\_\_\_\_\_ .

1                      2                      3

# DRAW PIERRE

Drawing square by square, use the grid to complete the entire picture of Pierre. Then, colour the picture and hang where your family and friends can see it.



SNOW CAP'S

# MYSTERY MESSAGE

Do the maths and fill in the spaces below to discover the water message. Read the message out loud once you've completed it.



$5 \times 25 =$	<input type="text"/>	Condensation	$35 \div 7 =$	<input type="text"/>	Are
$20 \times 3 =$	<input type="text"/>	Water	$36 \div 3 =$	<input type="text"/>	The
$64 \div 8 =$	<input type="text"/>	Evaporation	$60 \times 4 =$	<input type="text"/>	Precipitation
$21 \div 3 =$	<input type="text"/>	All	$55 \div 5 =$	<input type="text"/>	Cycle
$14 \times 2 =$	<input type="text"/>	Of	$150 \div 5 =$	<input type="text"/>	And
$24 \times 4 =$	<input type="text"/>	A	$100 \div 4 =$	<input type="text"/>	Part

8

125

30

240

5

7

96

25

28

12

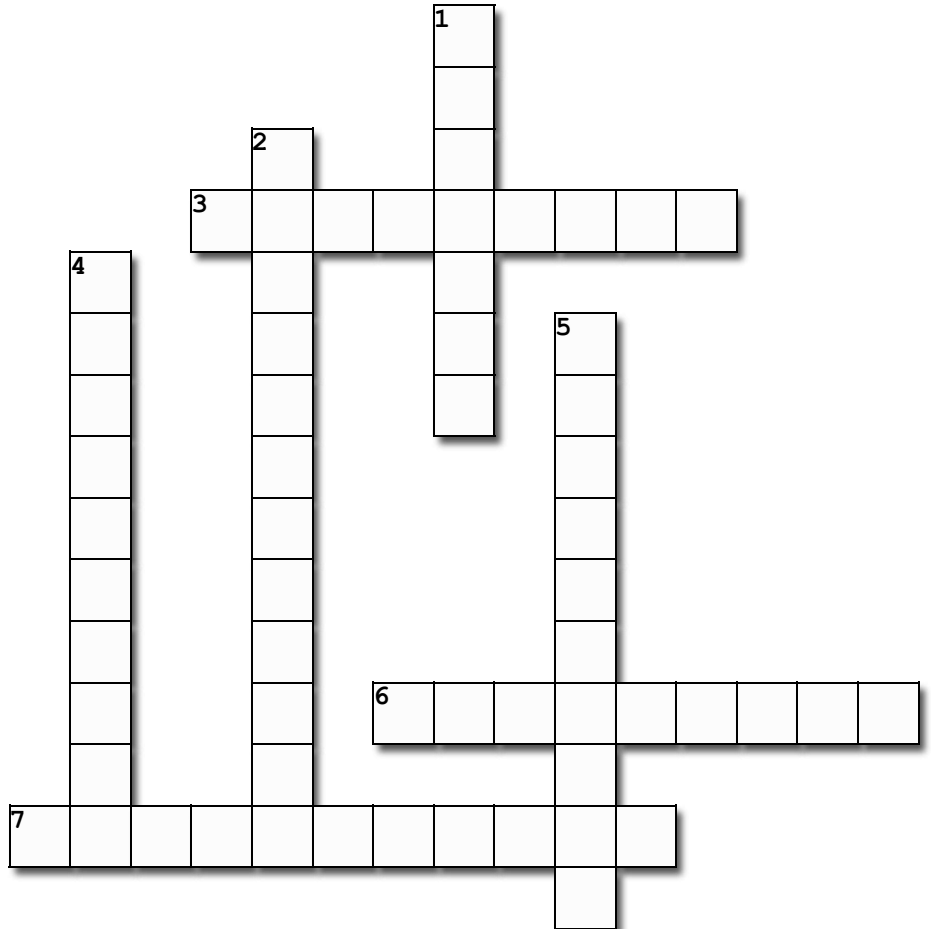
60

11

THUNDERSTORM'S

# CROSSWORD

Find the answer for each clue and write it in the correct space.  
Look at the inside front cover if you need some tips.



- CONSERVATION
- DROUGHT
- FRESH WATER
- GROUNDWATER
- POLLUTION
- TREATMENT
- WASTE WATER

**ACROSS**

- 3. Things that can contaminate or foul our environment
- 6. The process of cleaning and making water safe to use before it returns to taps or the environment
- 7. Water that is found under the surface of the Earth

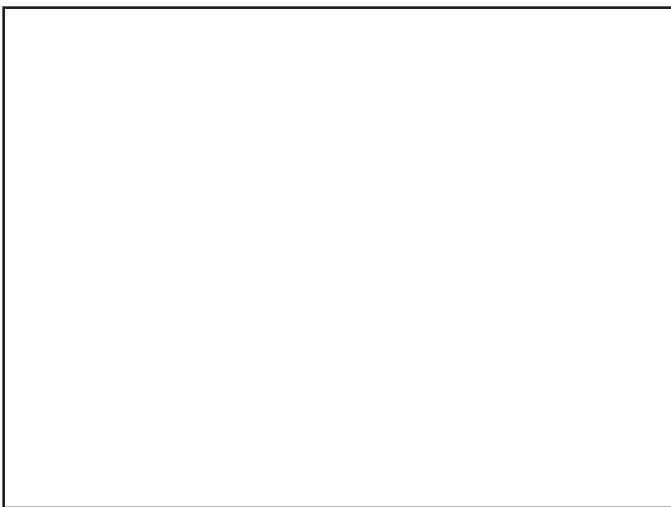
**DOWN**

- 1. A prolonged period of very low rainfall
- 2. Using natural resources carefully
- 4. Water we can use for cooking, cleaning and drinking
- 5. Water mixed with waste materials

**MAKE YOUR OWN NEWSPAPER.** 1. Write a headline under the newspaper masthead. 2. Draw a picture in the box and colour it. 3. Write a story about how we use water and why it's important to conserve it using at least four of the vocabulary words at the bottom of this page. Use another piece of paper if you need it.



# The WATER Observer



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- Conservation
- Drought
- Evaporation
- Fresh Water
- Groundwater
- Pollution
- Precipitation
- Salt Water
- Treatment
- Wastewater

LEARN TO

# CONSERVE



Riptide knows a lot about saving water. Read the paragraph below and then answer the True/False questions. Ask an adult if you need help.

**EXTRA CREDIT:** Read the article to someone else. Quiz them by asking the True/False questions.

## **WHAT DO YOU KNOW ABOUT CONSERVING WATER?**

Water is used by every human, plant and animal on the planet. We use water for cooking, cleaning and drinking. On average humans use 225 litres every single day! It's very important to save water and there are many ways you can help. Make sure you turn off the water when you brush your teeth or wash your hands. Ask your parents to fix leaky taps and take short showers of 4 minutes or less! It is also important to keep water clean and make sure it is not polluted. Never pour fat, oil or grease down the drain after you're done cooking. It can clog your pipes and pollute water. Ask your parents to recycle these products to help keep our water clean. Can you think of any other ways to save water?

### **Use What You Need, Need What You Use!**

- T/F** 1. Water is not used by humans.
- T/F** 2. We use water for cleaning and drinking.
- T/F** 3. You should turn off the water when you brush your teeth.
- T/F** 4. Leaky taps should not be fixed.
- T/F** 5. Its ok to pour fat, oil or grease down the drain.
- T/F** 6. On average humans use 150 litres of water every day.

SLOW YOUR FLOW

# HOME AUDIT

Did you know you can save ten litres of water each time you brush your teeth if you turn off the water while you are brushing? Put this chart up in your most used bathroom. Each day, put a mark for each time anyone turns off the water when they brush their teeth. Then, total up the marks. Multiply by ten. Finally, add up the totals in the last column to find out how much water your family saved this week!



Remember: **Do Your Part, Be Water Smart!**

	Mark each time the water is turned off when someone is washing their hands or brushing their teeth.	Total Number	Litres Saved	
<b>MONDAY</b>			x10	
<b>TUESDAY</b>			x10	
<b>WEDNESDAY</b>			x10	
<b>THURSDAY</b>			x10	
<b>FRIDAY</b>			x10	
<b>SATURDAY</b>			x10	
<b>SUNDAY</b>			x10	

**TOTAL**

Years: 3-6 • Stage: 2-3

Key Learning Areas: Mathematics, Science & Technology, PDHPE

Four Cs: Communication, Collaboration, Critical Thinking

# Hey students, teachers and parents!

GO TO: **NTC Playworks.com**

After enjoying the show, you can find more fun learning activities on this topic and many more at [www.NTCplayworks.com](http://www.NTCplayworks.com).



## Here's How:

1. Go to [NTCplayworks.com](http://NTCplayworks.com)
2. Select your state and program
3. Enjoy the digital games, interactive activities, e-books and more



Goldenfields  
Water

