

**No Need For Another Toy,
Water is Our Essential Joy!**

Erasmus+

Water is Our Essential Joy!
No Toy



Droplets' Parade

Student's Activity Book

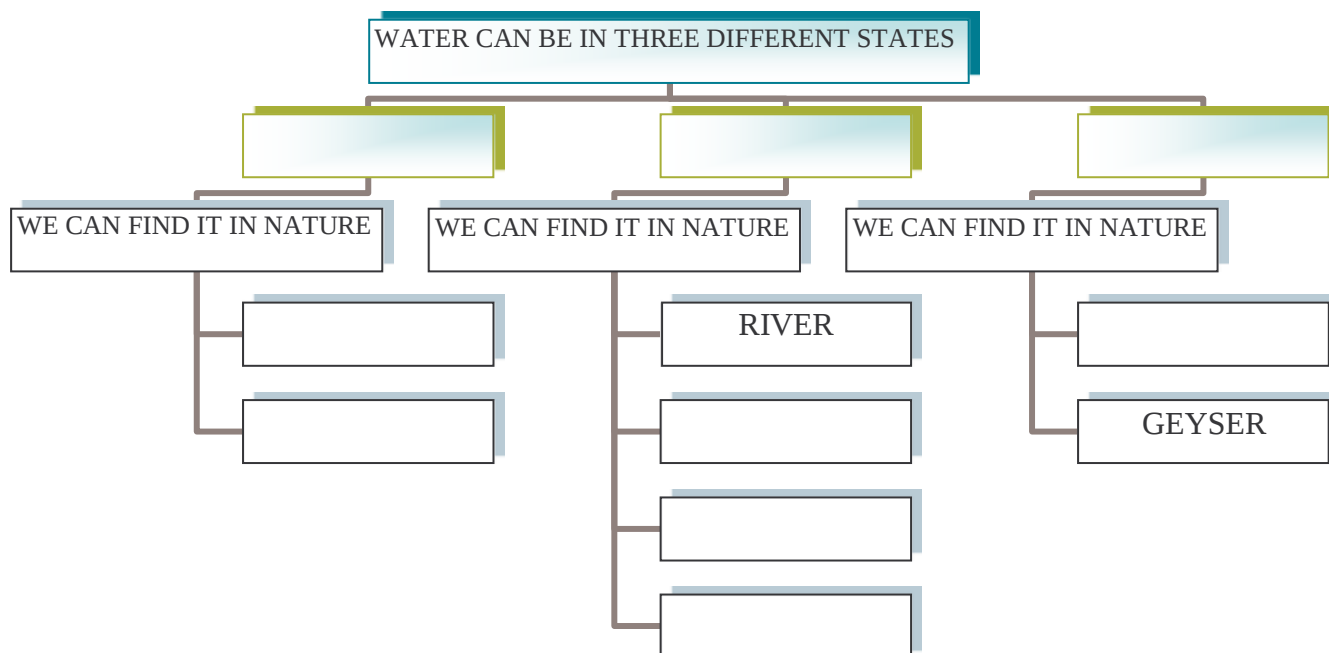




WORKSHEET 1



COMPLETE THIS MAP.



READ THIS TEXT QUIETLY. UNDERLINE THE VOCABULARY AND STRUCTURES THAT YOU DON'T KNOW, IF NECESSARY.

- WATER CAN EXIST IN THREE DIFFERENT FORMS: SOLID, LIQUID AND GASEOUS.
- MOST OF THE WATER ON THE EARTH IS IN A LIQUID STATE.
- ICE AND SNOW ARE WATER IN A SOLID STATE. THEY FORM WHEN THE TEMPERATURE OF WATER IS VERY LOW.
- THE WATER WE DRINK IS WATER IN LIQUID STATE.
- WATER VAPOR IS WATER IN GASEOUS STATE.



WORKSHEET 2



Search for the words related to the topic.

WATER IN NATURE

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



WORKSHEET 3

RAIN, RAIN, RAIN..... WOULD YOU MAKE RAIN?



Material: pot, water, camping stove, lid, matches, worksheet 4.
Grouping: individual, plenary.

TAKING NOTES FROM THE OBSERVATION:

You can follow these clues to do the observation, if necessary:

- ✓ What state is the water that you can see outside the pot?
- ✓ What's the matter with the water when we put the lid over the pot?

OBSERVATION NOTES



CONCLUSIONS:

.....

.....

.....

.....



WORKSHEET 4



Read the text and fill in the gaps with the words in the box:

liquid water

evaporation

heats

water vapour

gas

condensation

cold

ice

solidification

fusion

WATER CHANGES STATES

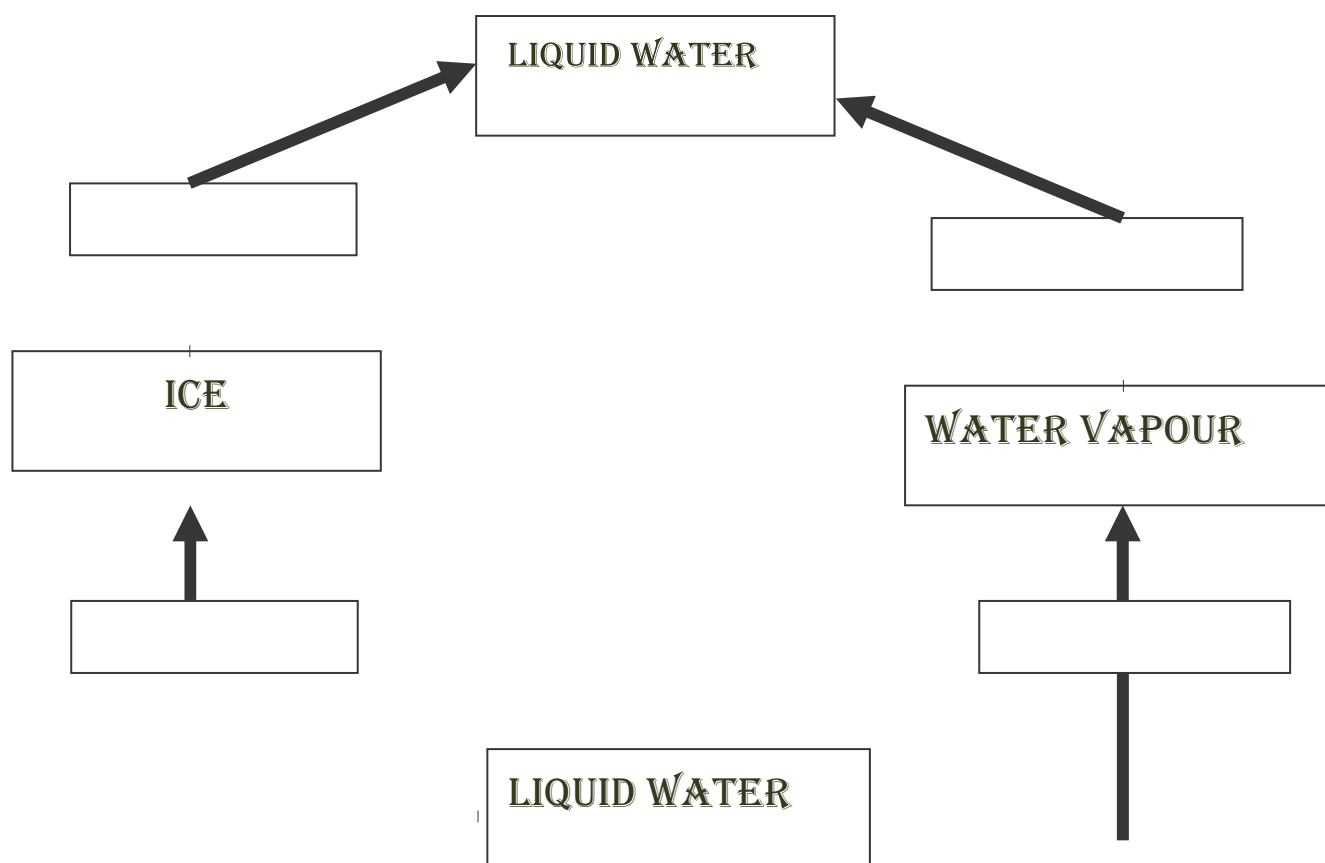
- When or snow warms it melts. It becomes liquid water. The change from solid to liquid is called
- When liquid water becomes very, it freezes. It becomes ice or snow. The change from liquid to solid is called.....
- When liquid water, it becomes The
- change from liquid to gas is called
- When water vapour cools, it becomes The change from to a liquid is called



WORKSHEET 5



COMPLETE THE CHART WITH THE NAMES OF THE WATER CHANGES.





WORKSHEET 6



MAKE THREE SENTENCES THAT ARE TRUE CHOOSING THE CORRECT WORDS IN THE TABLE:

CLOUDS ICE CUBES AND SNOW WHEN LIQUID WATER	HEATS UP ARE MADE UP OF ARE MADE UP OF	DROPLETS OF WATER WATER WATER VAPOUR.	IN A SOLID STATE. EVAPORATE.
---	--	---	---------------------------------

-
-
-



WHAT TO DO? DECIDE AND WRITE HEAT WATER, HEAT ICE OR FREEZE WATER.

- TO MAKE WATER VAPOUR:
- TO MAKE ICE:
- TO TURN ICE INTO WATER:

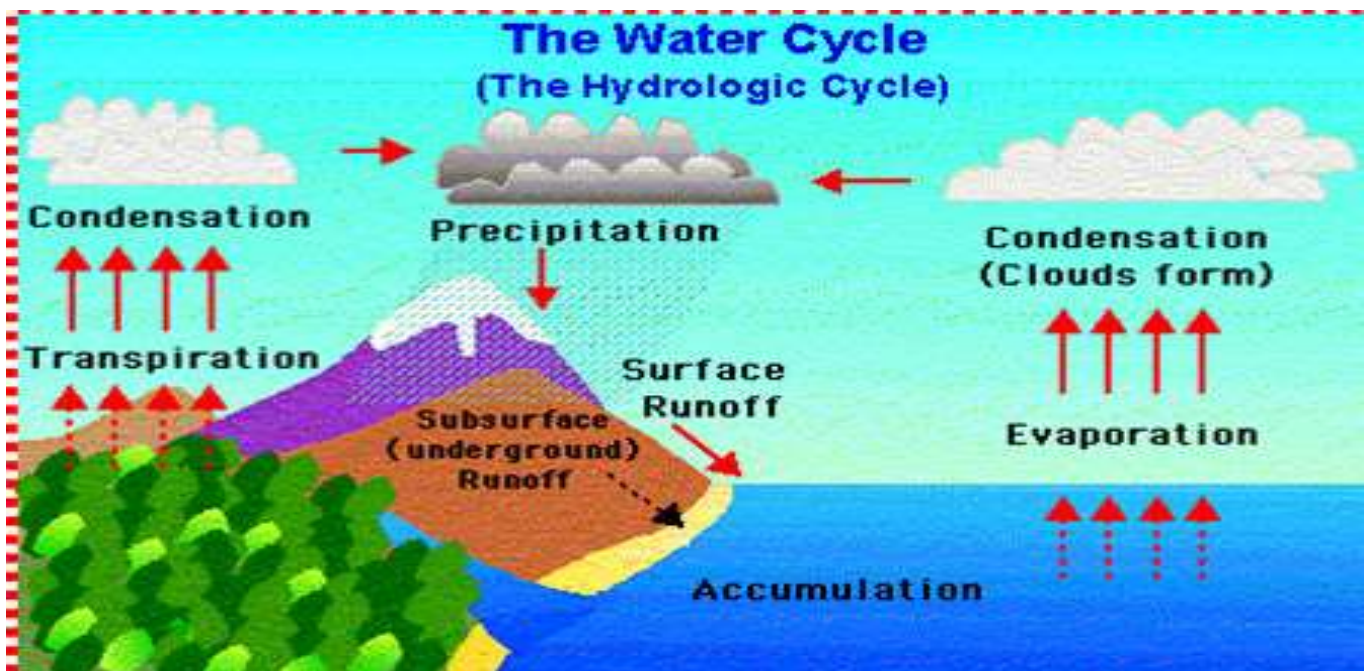
WORKSHEET 7



READING COMPREHENSION: STEPS OF WATER CYCLE.

- The sun heats the water and it evaporates from seas, lakes and rivers, and from the leaves of plants.
- The warm water rises into the air. It cools and condenses to form clouds.
- The clouds blow over the mountains and become cooler. The tiny droplets of water join up and fall from the clouds as rain, snow or hail
- The water from rain, snow or hail forms rivers, lakes and ponds. If it falls on to the land it is used by plants or becomes underground water. Some water goes into the sea or evaporates.

THE CYCLE STARTS AGAIN!!!!





WORKSHEET 8



MATERIAL: TWO LEAFY GREEN PLANTS PER GROUP, A PLASTIC BAG PER GROUP, A RUBBER BAND PER GROUP, WORKSHEET 10.
GROUPING: GROUPS OF FOUR.



FOLLOW THE STEPS TO CARRY OUT THE EXPERIMENT:

- COVER ONE OF THE PLANTS WITH A PLASTIC BAG AND TIE IT WITH THE RUBBER BAND AROUND THE PLANT POT.
- LEAVE THE PLANTS IN A SAFE PLACE.
- OBSERVE ANY CHANGES THE NEXT DAY.
- VERY IMPORTANT: AFTER DOING THE OBSERVATION, TAKE THE PLASTIC BAG OFF THE PLANT!!



TAKING NOTES FROM THE OBSERVATION:

YOU CAN USE THIS TABLE TO MAKE YOUR NOTES, IF NECESSARY:

THERE IS A	DROPLETS OF WATER	IN THE PLANTS.
THERE ARE NO	CHANGE	IN ONE OF THE PLANTS.
THERE ARE	CHANGES	IN THE PLASTIC BAG

.....

.....

CONCLUSION:

.....

.....

.....



WORKSHEET 9



COMPLETE THE FOLLOWING TEXT CHOOSING THE CORRECT WORD FOR EACH GAP FROM THE BOX:

THE WATER CYCLE

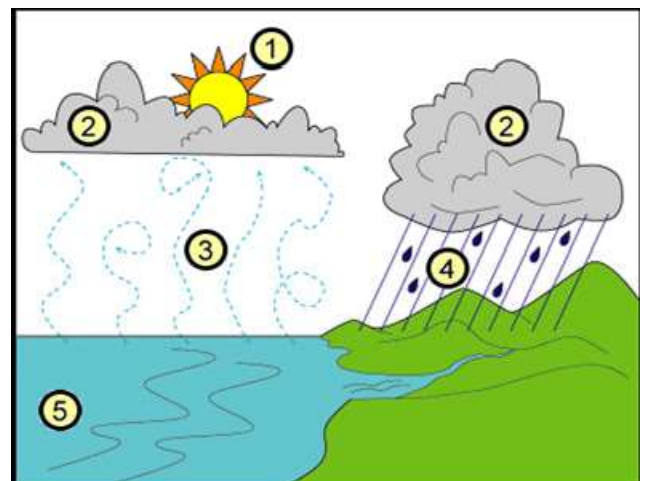
THE (A).....EVAPORATES (B).....FROM LAKES AND OCEANS. AS THE AIR RISES, IT COOLS. THE WATER VAPOR CONDENSES INTO TINY DROPLETS OF (C)..... THE DROPLETS CROWD TOGETHER AND FORM A (D)..... WIND BLOWS THE (E).....TOWARDS THE LAND. THE TINY DROPLETS JOIN TOGETHER AND FALL AS PRECIPITATION TO THE (F)..... THE WATER SOAKS INTO THE GROUND AND COLLECTS IN (G)THE (H)THAT NEVER ENDS HAS STARTED AGAIN!

- (a) moon - sun - water - clouds
- (b) fish - ocean - rain - water
- (c) evaporation - clouds - water -
- (d) sunshine cloud - lake - storm -
- (e) precipitation rain - sun - droplet -
- (f) cloud
- (g) river - lake - ground - cloud
- (h) rivers and lakes - oceans and clouds - jars and cups -plants and animals



Write the names related to the water cycle, looking at the drawing:

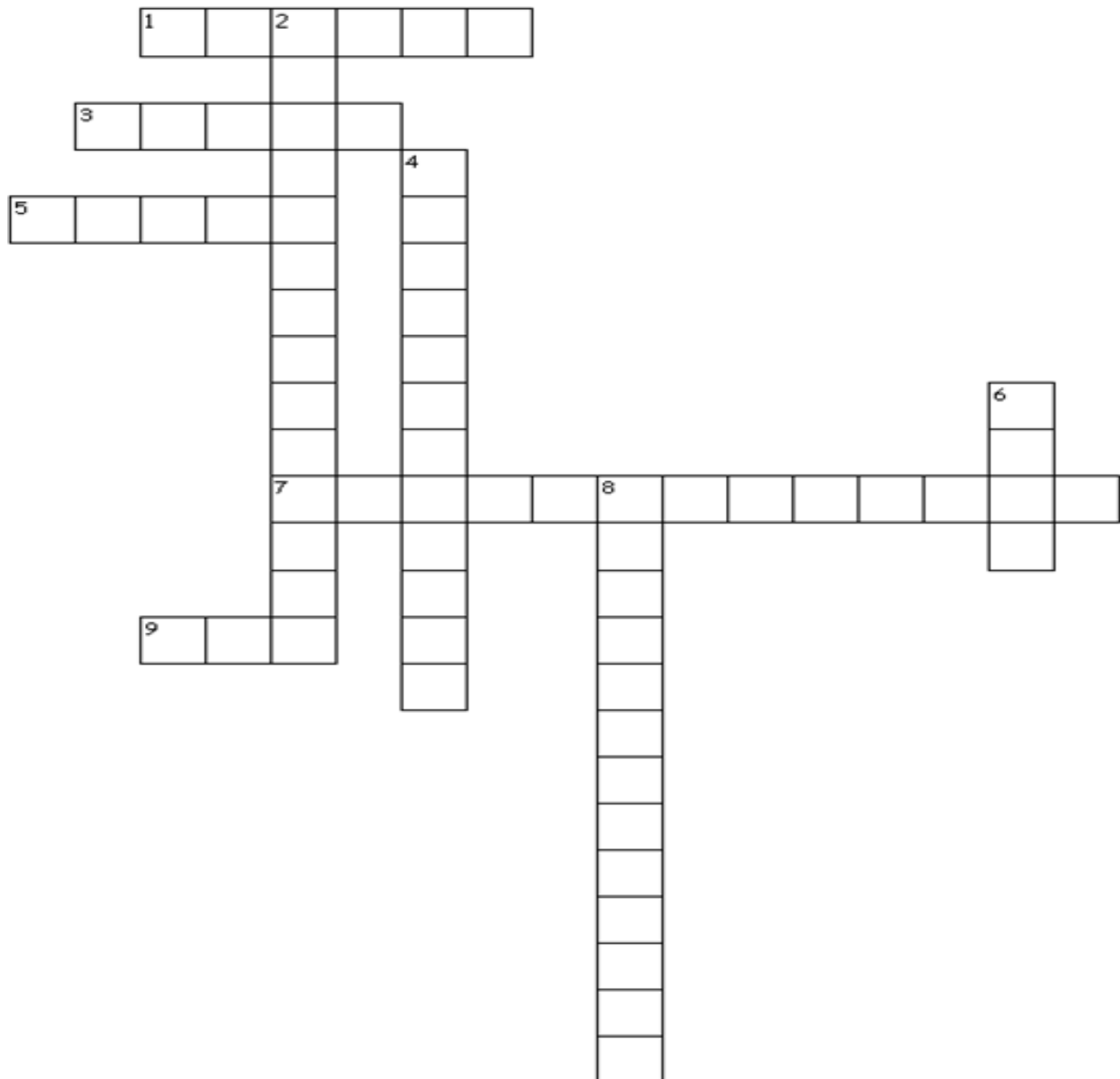
- 1-.....
- 2-.....
- 3-.....
- 4-.....
- 5-.....





WORKSHEET 10

CRISS CROSS PUZZLE



ACROSS

1. IN THIS PROCESS THE ICE BECOMES LIQUID WATER
3. SOMETHING THAT STARTS AND FINISHES AT THE SAME POINT
5. IT IS FORMED BY WATER VAPOUR
7. PLANTS LOSE WATER DURING THIS PROCESS
9. IT HEATS THE WATER FROM THE SEA FOR IT TO EVAPORATE

DOWN

2. IN THIS PROCESS LIQUID WATER BECOMES ICE
4. IN THIS PROCESS THE WATER VAPOUR BECOMES LIQUID WATER
6. IT IS WATER IN A SOLID STATE
8. ONE OF THE PROCESSES OF THE WATER CYCLE

NAME	BODY WEIGHT	WATER WEIGHT
TOTAL IN CLASS		



WORKSHEET 12



All the members of your group have to read the text the teacher gives to you. After the reading you have to discuss the content of the text and list the key ideas or conclusions. At the end you will have to tell the other groups what you have written.

TEXT A:

EVERYONE NEEDS AT LEAST 50 LITRES OF WATER A DAY FOR DRINKING, COOKING AND WASHING BUT IN DRY PARTS OF AFRICA PEOPLE SURVIVE ON LESS THAN 10 LITRES OF WATER A DAY.

IN BRITAIN, MOST PEOPLE USE ABOUT 200 LITRES OF WATER A DAY. IN THE USA, PEOPLE USE ABOUT 500 LITRES A DAY.

TEXT B:

IN DEVELOPED COUNTRIES, WATER IS USUALLY PLENTIFUL.

IN DRY PLACES, SUCH AS PARTS OF AFRICA, PEOPLE WALK FOR HOURS EVERY DAY JUST TO FETCH ENOUGH WATER FOR THEIR FAMILY. IN LONG, DRY PERIODS CALLED DROUGHTS, PLANTS, ANIMALS AND PEOPLE DIE OF THIRST.



WRITE YOUR KEY IDEAS OR CONCLUSIONS:

.....

.....

.....

.....

.....



WORKSHEET 13

WATER USE IN HOME



FILL THE CHART WITH THE INFORMATION TAKEN:



WATER USE IN HOME	NUMBER OF TIMES USED
Washing/Cleaning teeth	
Flushing the toilet	
Bath	
Shower	
Washing-up	
Washing machine	



WORKSHEET 14

WASTE OF WATER AT HOME



USE THIS INFORMATION TO CALCULATE THE WASTE OF WATER OF YOUR FAMILY DURING THE WEEKEND:

WATER USE IN HOME	LITRES OF WATER EACH TIME
Washing/cleaning teeth	5 litres
Flushing the toilet	12 litres
Bath	120 litres
Shower	15 litres per minute
Washing-up	15 litres
Washing machine	200 litres



NOW YOU CAN FILL THE CHART WITH THE INFORMATION OBTAINED:

WATER USE IN HOME	LITRES OF WATER IN TOTAL
Washing/cleaning teeth	
Flushing the toilet	
Bath	
Shower	
Washing-up	
Washing machine	
TOTAL	

WORKSHEET 15

I am a Hero!
I can change my shape!
I have a Super Power!



FILL THE BLANKS. USE WORDS BELLOW.

I am normally a l_ _ _ _ _ . You will find me in r_ _ _ _ _ , l_ _ _ _ , t_ _ _ and the s_ _ .
When I f_ _ _ _ _ I look like this. Now I am s_ _ _ _ like s_ _ _ and i_ _
I can even become a g_ _ . Then I am s_ _ _ or w_ _ _ v_ _ _ _ .

steam	lakes	sea
taps	ice	freeze
solid	rivers	liquid
water vapour		

MATCH THE WORDS IN COLUMN I WITH THE WORDS IN COLUMN II:

- | | |
|---------------------|-----------------------------|
| (i) freezing | (a) not good for drinking. |
| (ii) boiling | (b) flow into the sea |
| (iii) filter | (c) water changes into ice |
| (iv) polluted water | (d) kill germs |
| (v) rivers | (e) found on high mountains |
| (vi) snow | (f) removes dirt in water |

The Water Cycle Quiz



1. This is the name for rain or snow.

- A. Precipitation*
- B. Condensation*
- C. Evaporation*

2. As the sun warms the earth, it turns water on earth into water vapour that rises into the air. This is called...

- A. Evaporation*
- B. Precipitation*
- C. Condensation*

3. As water vapour rises, it meets cooler air that changes it back to water droplets or ice which form clouds. This is called...

- A. Evaporation*
- B. Precipitation*
- C. Condensation*

4. The water that you had in your bath or shower you had last week...

- A. Has gone underground*
- B. Has evaporated*
- C. Is still in the water cycle*

5. The process that keeps water moving around the earth is called...

- A. The water cycle*
- B. Precipitation*
- B. Evaporation*
- C. Condensation*

6. After rain falls on earth, it may...

- A. Evaporate*
- B. Travel downhill until it reaches the sea*
- C. Stay underground for years*

7. If we use too much water, we could use up all of the water on earth.

- A. True*
- B. False*

8. Saving water is not important

- A. True*
- B. False*



WORKSHEET 17

FIND THE HIDDEN MESSAGE



c	b	e	t	c	c	b	a	k	d	r	o	l	n	a
w	l	a	a	t	e	o	r	f	n	h	a	p	p	y
b	p	o	p	k	o	i	o	i	o	t	w	o	r	g
l	i	k	p	e	w	x	d	a	v	b	m	g	e	r
m	y	u	p	h	d	v	r	w	r	t	y	u	j	c
a	w	a	t	e	r	e	i	h	o	c	e	a	n	o
n	t	h	n	k	o	p	v	m	c	a	x	z	c	o
x	s	l	l	j	w	t	e	t	n	b	s	s	h	l
z	c	t	e	e	i	u	r	b	c	w	p	n	m	v
v	a	a	d	b	c	c	s	f	f	n	t	o	k	k
r	j	p	d	r	e	f	w	b	a	t	h	w	p	z
a	c	t	p	o	i	h	v	a	s	d	v	m	m	i
i	b	n	x	t	c	n	o	u	d	a	z	t	w	w
n	d	r	i	p	t	k	k	j	a	d	g	r	o	w

Find the words listed below

bath cool drink grow happy ocean rain river snow tap

water be drip

Find the hidden message b _ _ _ _ _ _ _ _ _ _ r



WORKSHEET 18

WATERWISE FACTS



MATCH THE PICTURES WITH THE AMOUNT OF WATER EACH
ACTIVITY USES **60, 35, 135, 6, 9, 80**

1. Brushing teeth with the tap on



.....litres

2. 5 minute shower



.....litres

3. Using the hose for 15 minutes



.....litres

4. Taking a bath



.....litres

5. Flushing the toilet



.....litres

6. Using the washing machine



.....litres

WATER SAVING TIPS



Can you fill in the blanks to make top water saving tips?
Use the words at the bottom of the page to help

1. Only wash clothes when the washing machine is _ _ _ _
2. Take a _ _ _ _ _ not a _ _ _ _
3. Put a _ _ _ _ _ in your toilet to save water
4. When washing the car use a _ _ _ _ _ and _ _ _ _ _
not a hose
5. Always fix _ _ _ _ _ taps
6. Don't let the _ _ _ _ run when brushing your teeth.
7. Collect rain water in a watering the plants

BATH
WATER BUTT
SPONGE
DRIPPING

TAP
BUCKET
FULL
HIPPO BAG



WORKSHEET 20

FLUSH OR PUT IN BIN



CAN YOU FIND THE ITEMS IN THE CROSSWORD. ONCE YOU HAVE FOUND ALL THE ITEMS SORT THEM INTO 2 GROUPS:

- 1) WHAT WE SHOULD FLUSH
- 2) WHAT WE SHOULD PUT IN THE BIN

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

Words

TOILET ROLL
SWEET PAPER
BABY WIPE
POO TISSUE
COTTON BUD

PEE
PLASTERS
NAPPY

Flush

Bag and Bin it



WORKSHEET 21

Waterwise Quiz

ARE YOU WATER WISE OR A
WATER WASTER?
ANSWER TRUE OR FALSE TO THE



1. MOST OF THE WATER ON EARTH IS FRESH WATER? _____
2. HAVING A 5 MINUTE SHOWER USES MORE WATER THAN A BATH? _____
3. YOU SHOULD FIX DRIPPING TAPS? _____
4. ALWAYS TURN OFF THE TAP WHEN BRUSHING YOUR TEETH? _____
5. USING A HOSE TO WATER THE PLANTS IN THE GARDEN SAVES WATER? _____
6. ALWAYS FULLY LOAD THE WASHING MACHINE? _____
7. A WATER BUTT CAN HELP SAVE WATER IN THE GARDEN? _____
8. KEEP THE TAP RUNNING WHEN WASHING THE DISHES? _____

WORKSHEET 22

Use Water Sensibly



1. What do you do more often?

- A Take a bath
- B Take a shower
- C You sometimes have a bath and sometimes a shower

3. When you have a shower you stay under it for:

- A 4-5 minutes
- B 5-10 minutes
- C More than 10 minutes

5. When you handwash your clothes you:

- A Fill the sink and wash in it
- B Leave one of the faucets on
- C Leave both of the faucets on

7. You wait for the dishwasher until you can load it full:

- A Always
- B Sometimes
- C I don't have a dishwasher

9. When there is a toilet or faucet leak you:

- A Repair it immediately
- B Don't pay attention
- C Repair it after some time

11. When you water your plants in the garden you:

- A Fill in a watering can with tap water
- B Collect and use rain water
- C Water the plants using a hose

2. When you have a bath you:

- A Put water enough to cover you
- B Fill it to the top
- C Fill in half of the bath

4. When you brush your teeth you:

- A Leave the water running
- B Use a cup
- C Stop the water from running while brushing your teeth

6. Do you wait until you have a full load before you use your washing machine?

- A Always
- B Sometimes
- C I haven't got a washing machine

8. While you wash dishes you:

- A Leave the faucet on all the time
- B Fill in a container with water to use it
- C Put the stopper in the sink and fill it with water

10. When you wash your car you:

- A Use a bucket for the water
- B Use a hose or you go to the gas station
- C Don't have a car

Use the table to calculate your scores

Over 90 scores – A good water saver Congratulations! You are a good water saver. You should advise your friends and relatives what to do in order to start saving water.

60 to 90 scores – An average water saver Very good. You realize that saving water is important, and you have made the first steps to become a good water saver. Our useful tips will help you become even better.

20 to 60 scores – An unreliable water saver Thank you for your efforts but as you can see you can do a better job. We hope you will agree you can try harder. Try to follow our useful tips and you will become a better water saver.

	1	2	3	4	5	6	7	8	9	10	11
a	5	10	15	0	10	15	15	0	15	10	5
b	20	0	10	5	5	5	5	10	0	0	15
c	10	5	0	5	0	10	10	10	5	10	0