

Water Cycle Exploration

Water Discovery

Name: _____



Find-a-Word

Water changes and is used over and over through the water cycle.
Can you find the hidden words? They may be written in any direction.

TREATMENT WEATHER INFILTRATION HYDROLOGY WEIR DAM HEAT
 ENERGY CATCHMENT RUNOFF POLLUTANTS CYANOBACTERIA
 LIQUID SOLID MANAGED WATER CYCLE SOLIDIFICATION
 COLLECTION SUBLIMATION TRANSPIRATION CONDENSATION
 GAS WATER CYCLE EVAPORATION PRECIPITATION FRESHWATER

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



**Did you know that the Great Artesian Basin (GAB)
is the largest groundwater basin in Australia?**

This undercover water spreads across four states (more than 1.7 million square kilometres) and is nearly 65 million megalitres in volume!



Crossword

Can you solve these clues about the water cycle?

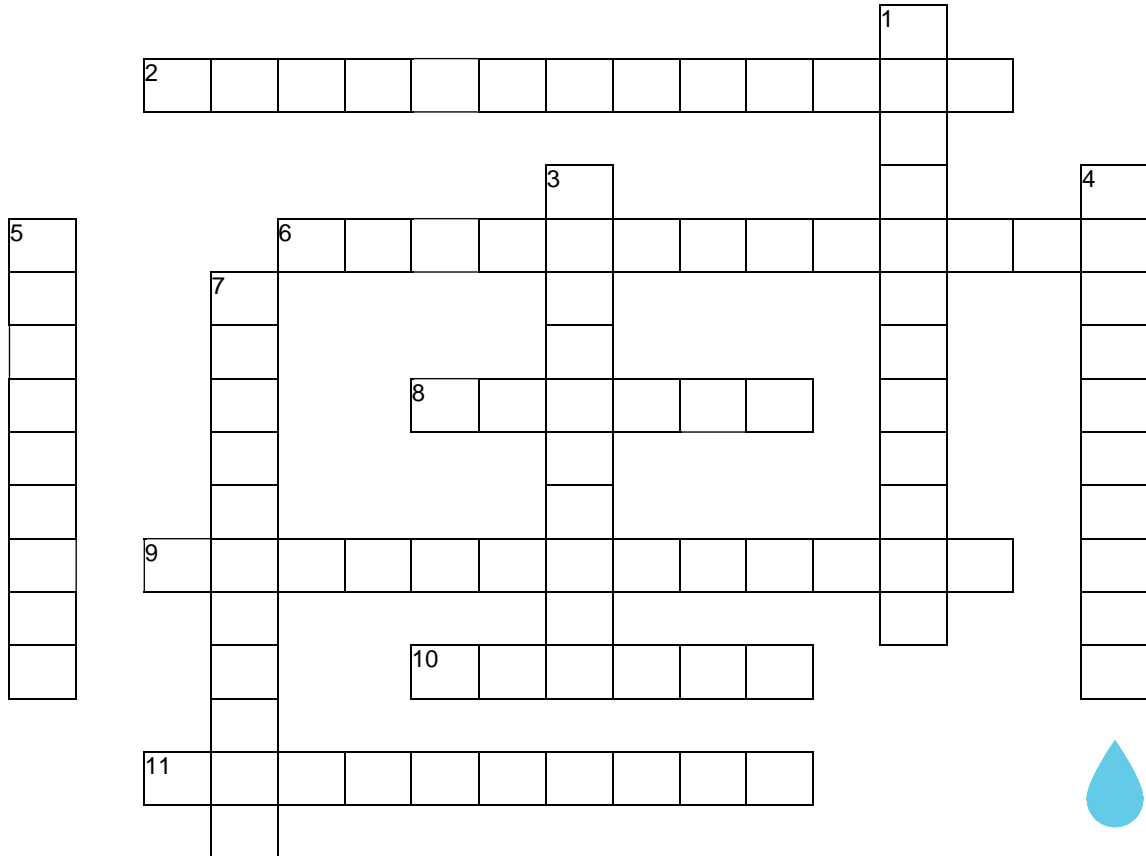
HINT: The answers are in the Find-a-Word.

Across

2. Rain, sleet, hail, and snow
6. A sometimes toxic, freshwater algae that is a bacteria
8. The sun gives heat and light _____ that powers the water cycle
9. Trees losing water out their leaves
10. Water flowing downhill, along the surface of the land
11. Unwanted things in our water (e.g., pathogens)

Down

1. Clouds forming as the air cools
3. Water accumulating in rivers, creeks, lakes, and oceans
4. The circulation of water between the earth's oceans, atmosphere, and land
5. An area of land where water flows and is collected
7. Water turning into an invisible gas called water vapour



Matching Game

Draw a line to match each water cycle word to its fun fact.

- | | |
|------------------------|--------------------------------------|
| 1. Remove heat | A. Water soaks into the ground |
| 2. Add heat | B. Storing water with dams and weirs |
| 3. Sublimation | C. Water evaporates to water vapour |
| 4. Infiltration | D. Rain solidifies to hail |
| 5. Hydrology | E. Studying waters' movements |
| 6. Managed water cycle | F. Solid changing directly to a gas |