



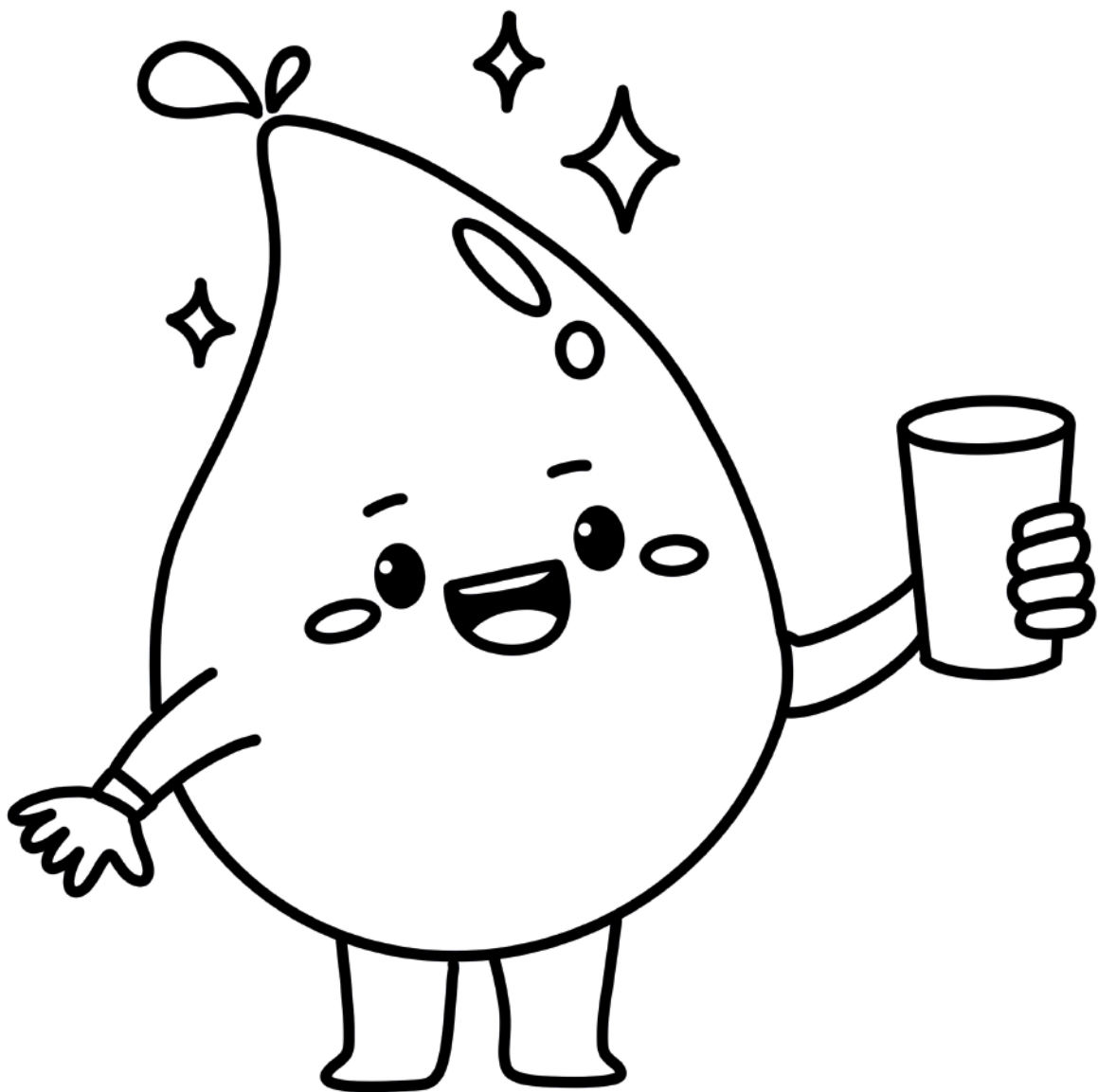
Water Authority Cayman



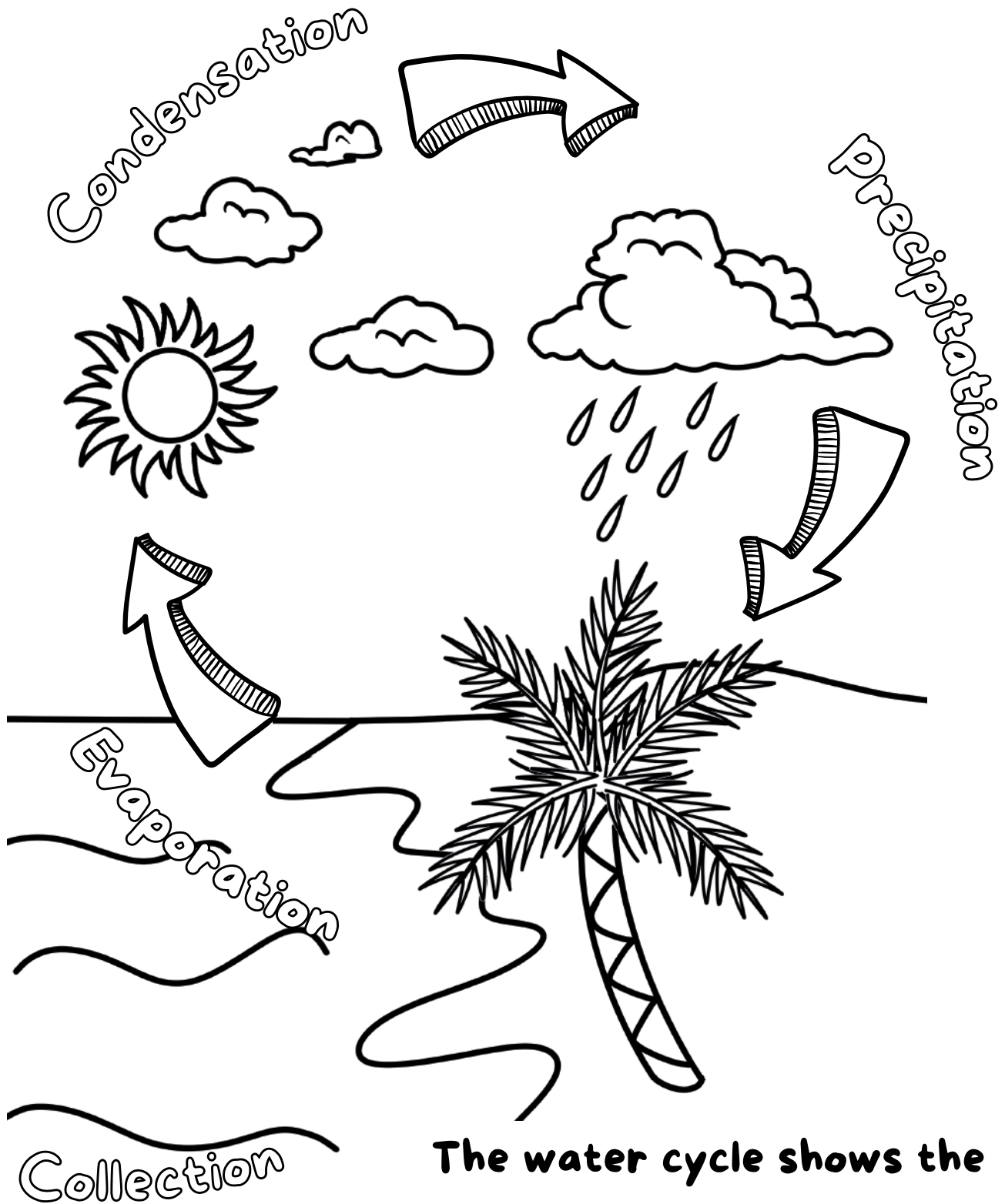
Activity Book

Name: _____

**Hi, I'm Willy Water. I am here to take you
on an adventure all about drinking water!**

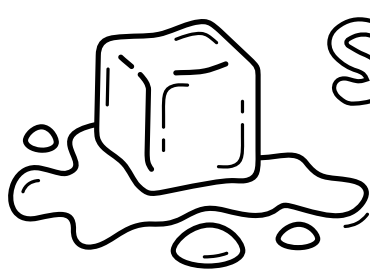


The Water Cycle

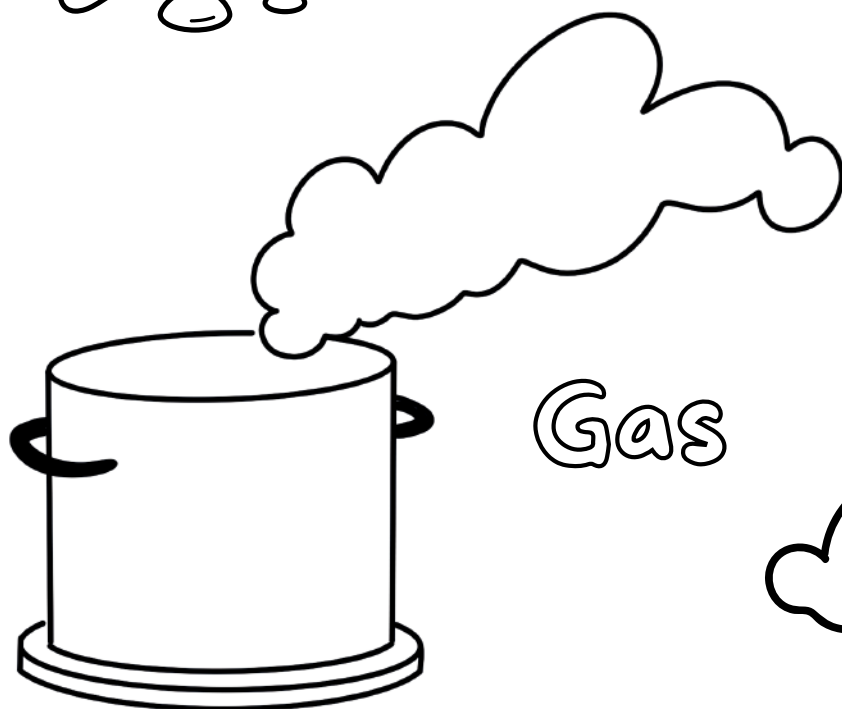


The water cycle shows the continuous movement of water within the Earth and atmosphere.

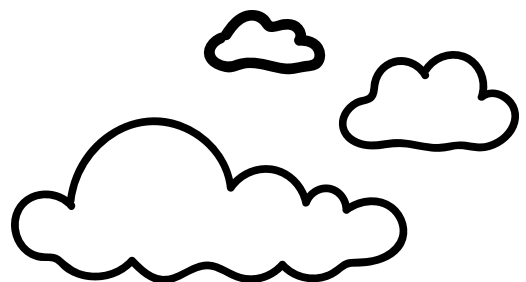
Water comes in three different forms:



Solid



Gas



Water Words

WYAKDHQECXEEPRESSSURERFTLL
KEHCSSVCLLOUDSIDVTHQGOXCPS
RTAOYVENXVSCDXIGYIEQHDFM
XDETKVAZBENHPNYHTCZKKTHSN
WNTMHNBBFRHRVVAZPBWTNZCA
MYKMPECTBAHEEESCBSFRNJMVZ
DEULZEREAAPPJCNKCGBDQTIQVR
XILTONRSYREOIROPRESZTUAFD
AQXECMAKHQWPIAROVLCXACRB
LVHUUTHWTKPIINNIUACOYBAAO
OUIKUWHEQUWWTHKANPONQBTTC
GHHLAZPMBRCRAPFDDODDMSKZE
CSODABNJZQEETYQKWRBEKHLA
OZHDWQTNHXGSIVVKAANJMTJN
LQWXL EZWBGDCOWOFTTCSEGYUH
LIUBL LMSZNKMNDAKEIUARRWZN
EPAXILYUDWUYXHYTROOTNFYIK
CLQE QOGNKKNCMTGGENCICRBKE
TIMTXIMP THJRIZOZXRKOV DGI L
IUBMVLDDAQWHRNKA DHCNTFNOP
OFDRLPDNDATMOSPHEREYWKWJB
NAMVCTFZMQBYJTZIGODUCNNVT
PATOKYJEDURYZIGUENNPBLPLM
EEQDXRQA XHOJSHEADEUPVFEDT
MXSQXNCEVFLDROPLETCAMZCWE

CLOUDS

EVAPORATION

RAIN

DROPLET

GROUNDWATER

SUN

COLLECTION

ATMOSPHERE

WATER CYCLE

TEMPERATURE

CONDENSATION

PRECIPITATION

WEATHER

OCEAN

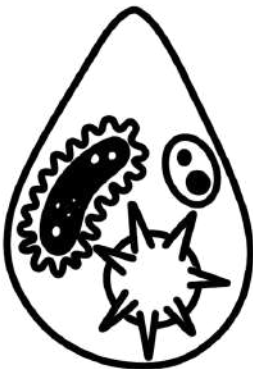
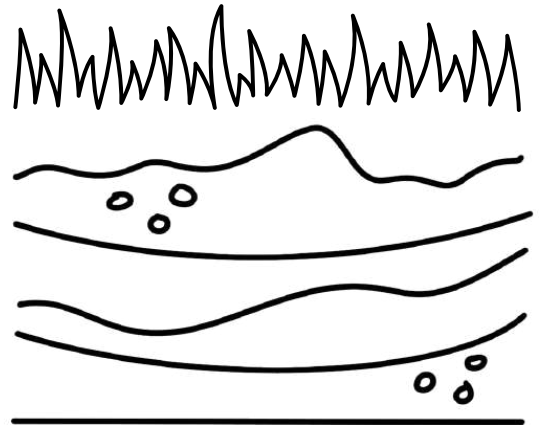
PRESSURE

Making Drinkable Water



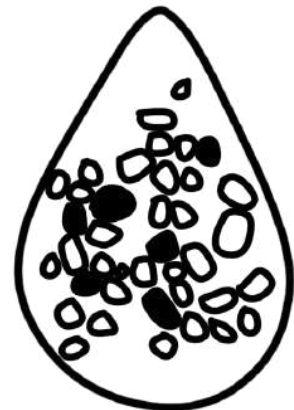
Let's learn all about what it takes to make your tap water drinkable!

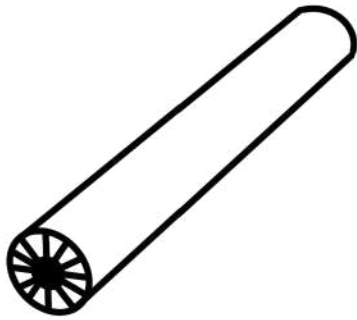
Your tap water comes from deep underground.



In the ground, the water has salt and other things like germs that can make you sick.

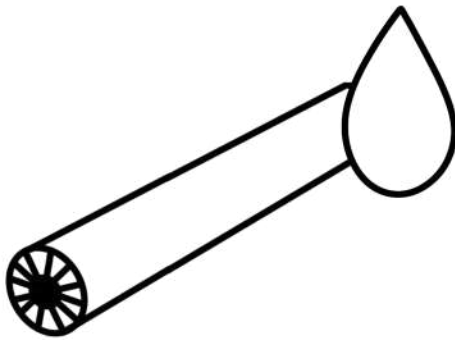
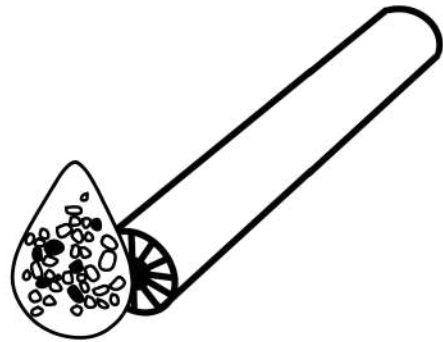
First, the Water Authority removes the dirt and solids, but water still has lots of salt and germs.





Before you can drink it, they need to take away the salt and germs. They do that with a special filter called a "reverse osmosis membrane".

Water goes from one side of the membrane with all the salt.....

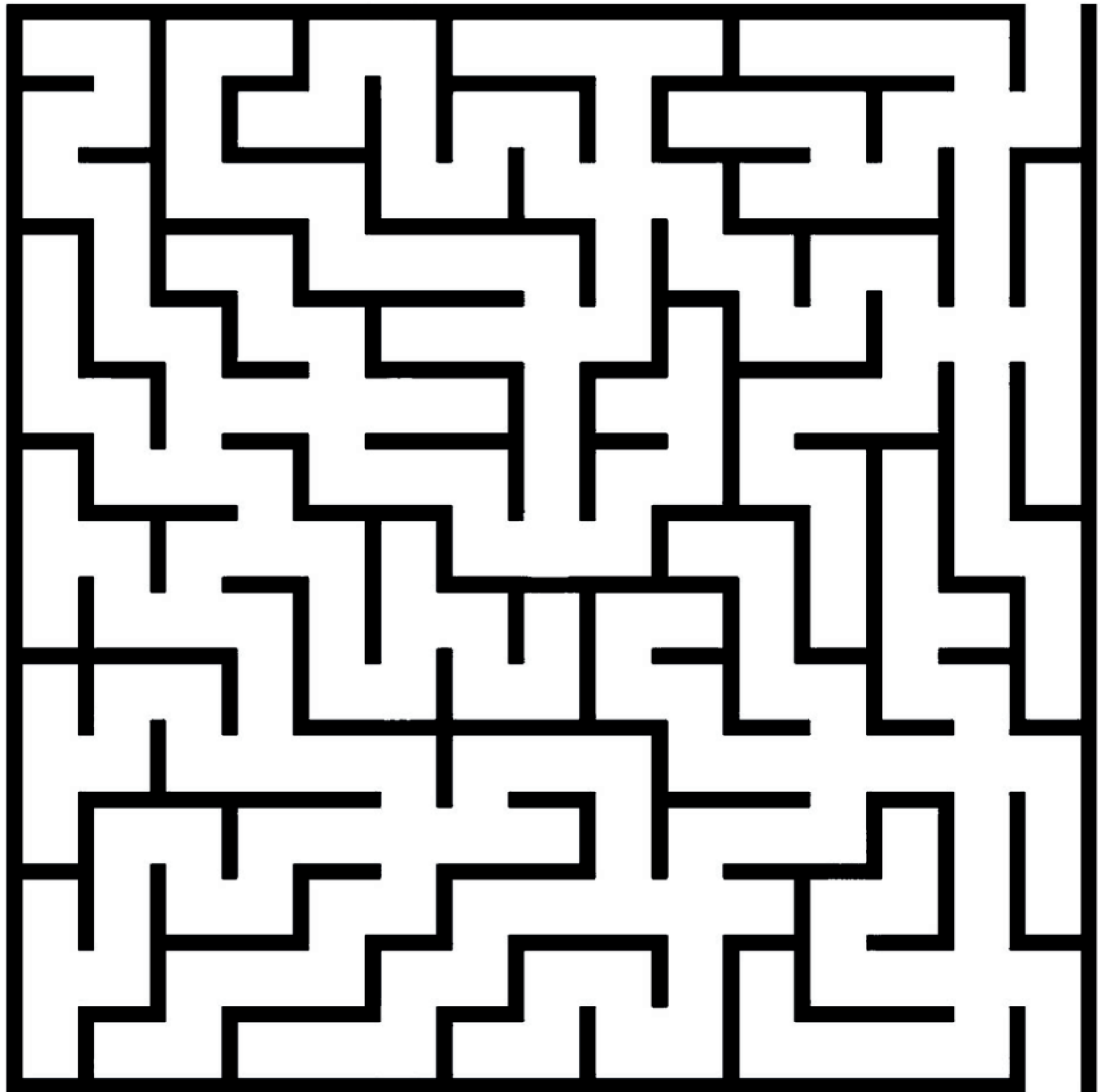
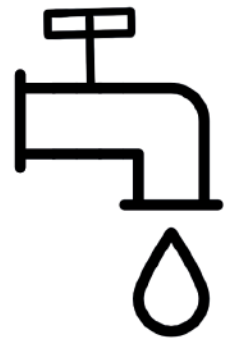


...and comes out the other side completely clean! Disinfectant is added to keep the water safe.

Now your tap water is safe to drink!

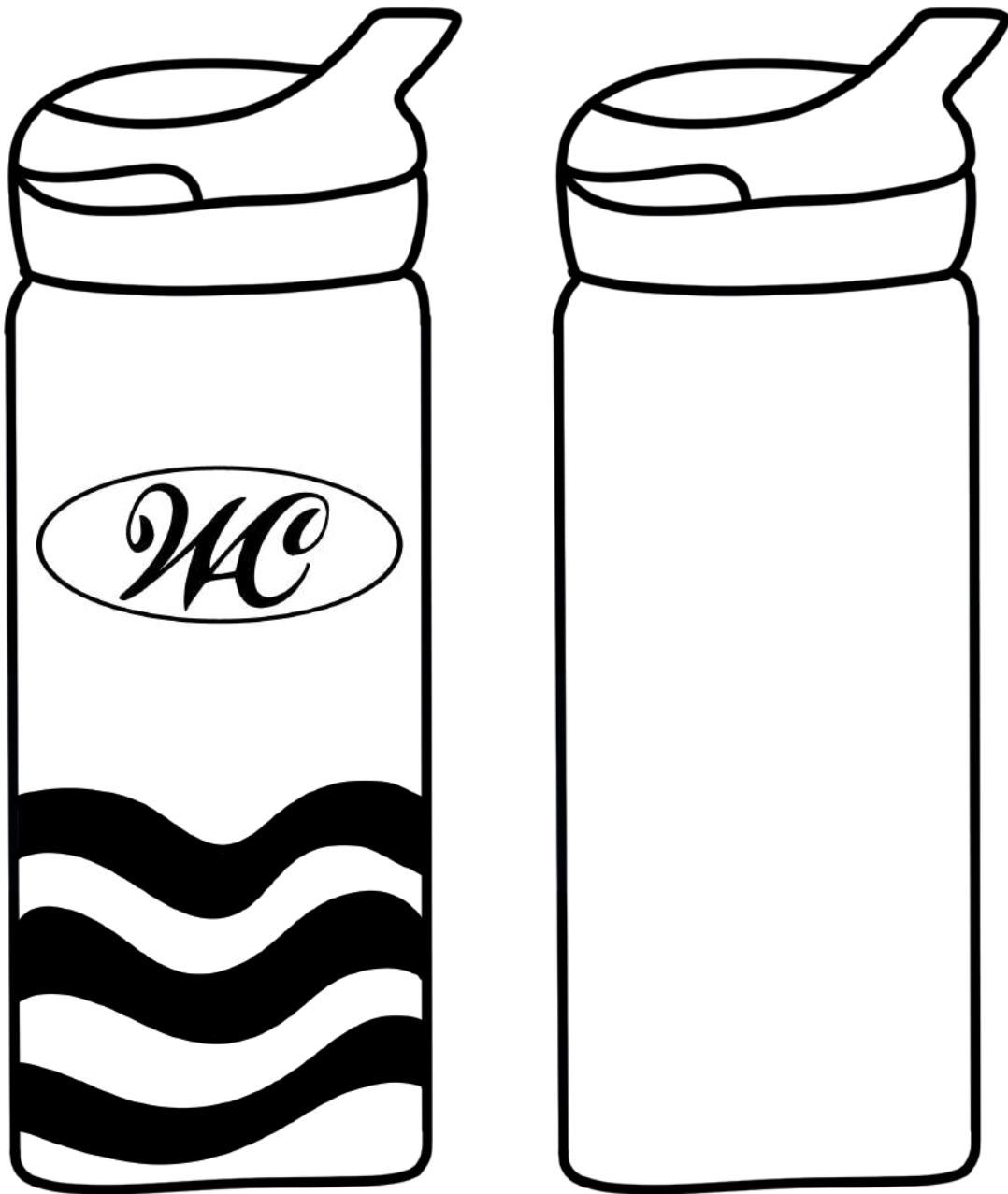


Water Authority - Cayman provides access to pure, affordable potable water for the majority of the Cayman Islands. Can you connect the water supply to the house below?



Take back the tap

**Drinking Cayman's tap water is good for your health,
better for the environment and cheaper!
Decorate your own reusable water bottle below.**



Conserving Water

Because we need water to live, it is important to conserve as much water as we can. You can help by:



Turning off the water
when you're not using it



Telling an adult when
you see a leak.



Draw a picture of what you do to conserve water at home.

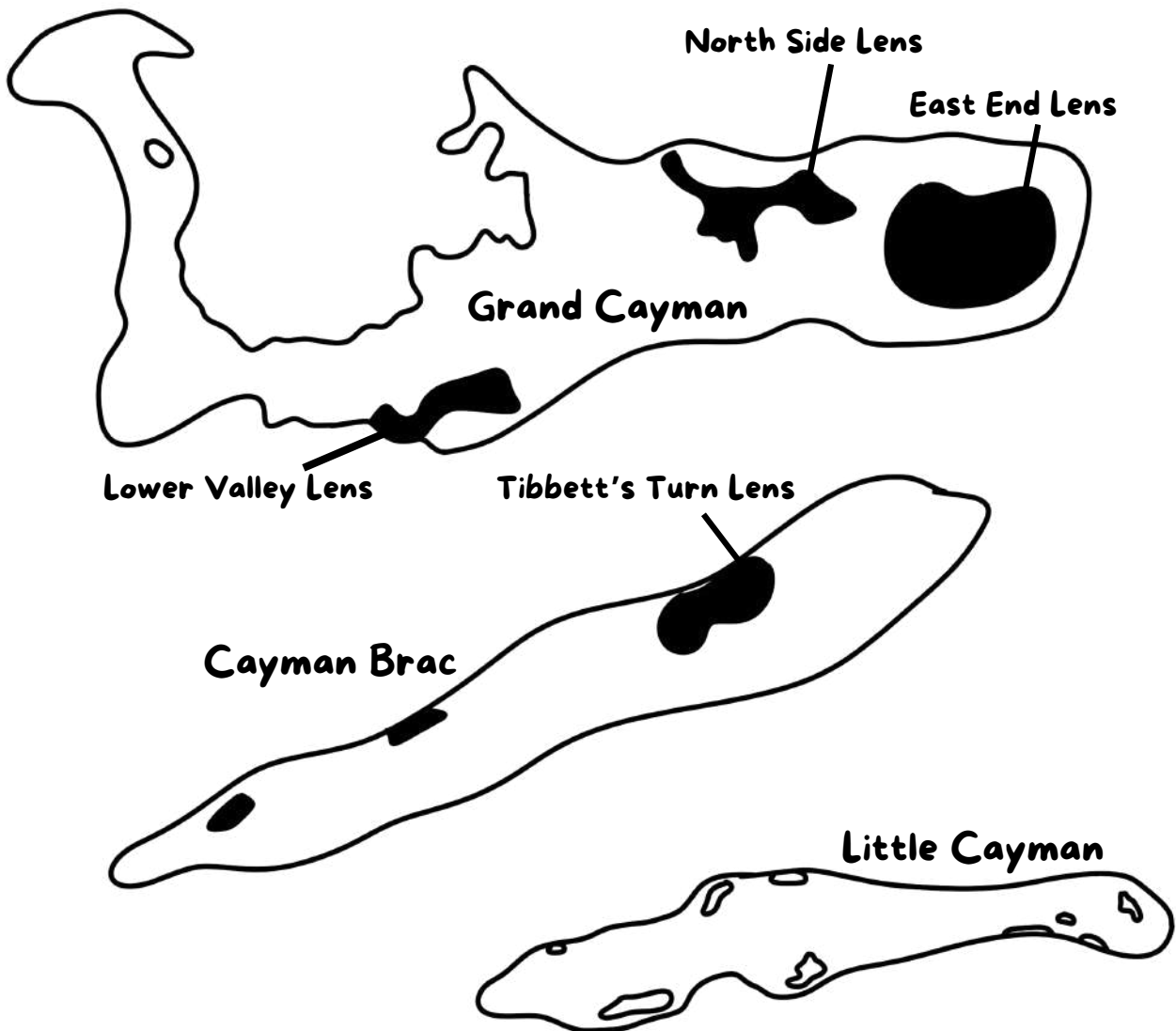
What to Flush?



Circle the items that can be flushed down the toilet and put an "X" on the items that should not be flushed.



Protect Groundwater

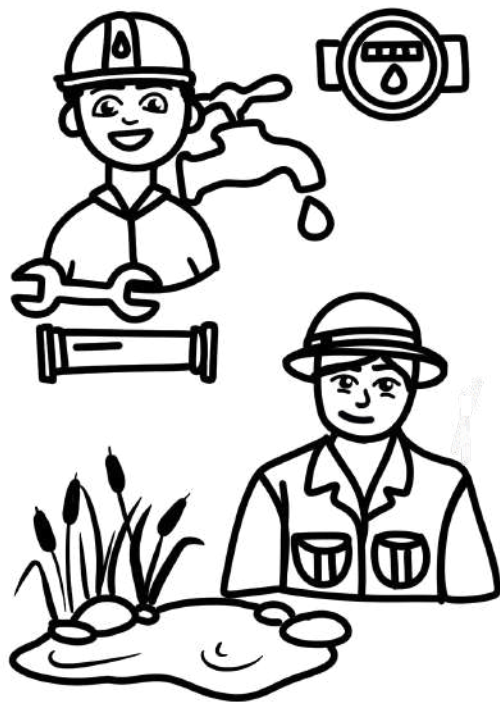


What can you do to protect our groundwater resources in the Cayman Islands?

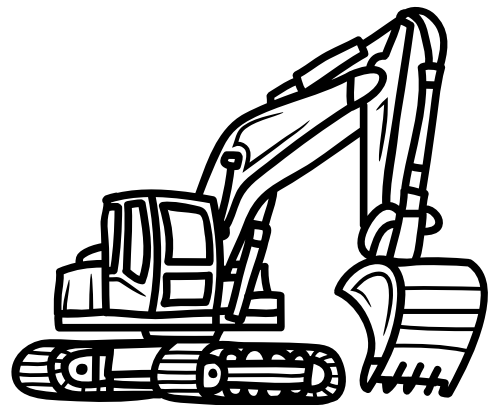
You and your family can help protect our groundwater by:

- **Not dumping trash into old wells, swamps or sinkholes**
- **Maintaining your septic system properly**
- **Using your fresh groundwater conservatively**
- **Safely disposing of hazardous household waste**

Meet our Water Workers

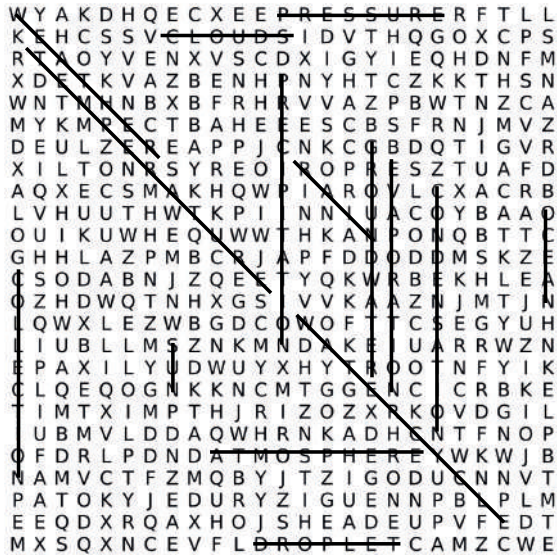


**It takes a lot of people, with a lot of different skills to
bring water to you home, school and buildings and
treat your wastewater!**



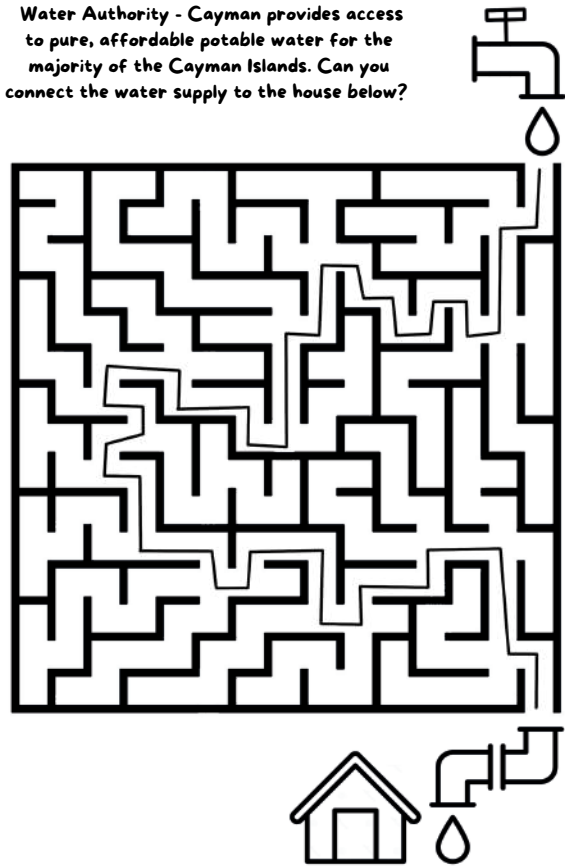
Answer Key

Water Words



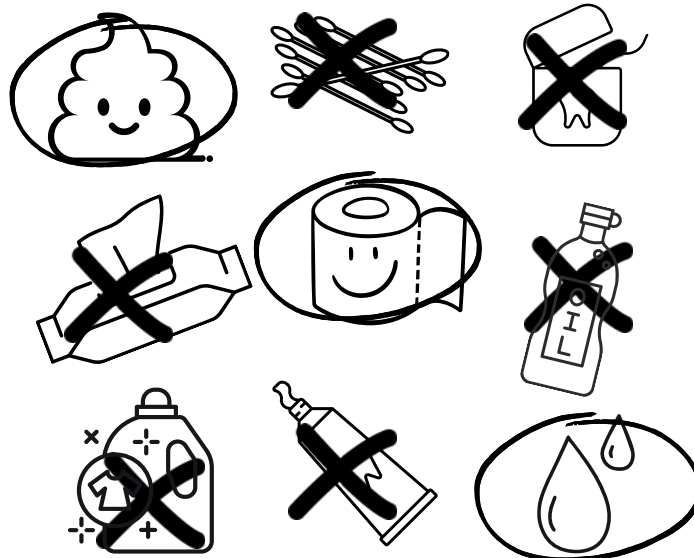
CLOUDS	SUN	CONDENSATION
EVAPORATION	COLLECTION	PRECIPITATION
RAIN	ATMOSPHERE	WEATHER
DROPLET	WATER CYCLE	OCEAN
GROUNDWATER	TEMPERATURE	PRESSURE

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Commissioned as part of the Water Authority's 40th Anniversary celebration.

Artwork by Martina Jackson

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