

WaterReliability



AN ACTIVITY BOOK FOR Water Smart Kids





Water Supply

TUCSON WATER

Water Reliability

Hey Water Smart Kids!

Have you heard that Tucson is in a drought? Yes, even with three sources of water, Tucson is experiencing water challenges. Fortunately, Tucson Water is prepared! And you can help!

How? First, read this book and do the activities to become even Water Smarter! Remember these important water facts about our fair City of Tucson:

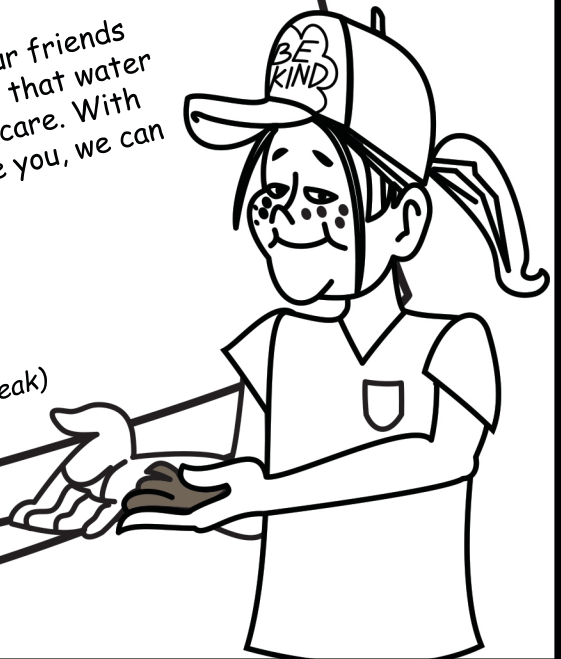
- 1 - Tucson has three main water sources:
 - Colorado River Water
 - Groundwater
 - Recycled Water
- 2 - Tucson is prepared for drought in the following ways:
 - Used water is recycled and used again and again.
 - Colorado River water is stored underground for future use.
 - Tucsonans (including Water Smart kids like you) know how to conserve water!

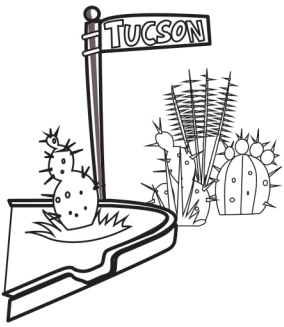
Next, share what you know with your friends and family. Help people understand that water is precious and must be used with care. With the help of Water Smart kids like you, we can all be prepared for drought!

Always,

Pete

(aka Pete the Beak)





BE WATER SMART PREPARE WITH PETE!



Fill in the blanks with your own words as instructed to help Pete the Beak tell his story about being prepared for drought.

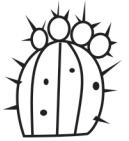
Pete the Beak has lived in _____ for many years. He knows and loves all the plants and animals
(name of our city)

of our _____ Desert such as a _____ and a _____. He
(name of our desert) (a desert plant) (a desert animal)

knows and loves all of Tucson's streets and parks such as _____ and
(name of a Tucson street)

_____. Pete also knows that everyone who lives here needs water including
(name of a Tucson park)

you, _____, and your friends _____ and _____.
(your name) (two of your friends' names)



Your favorite teacher, _____, needs water! Mayor _____ needs water!
(your teacher's name) (our Mayor's name)

Even a _____ and a _____ can't live without water. So when Pete
(desert plant) (desert animal)

the _____ heard there was a drought, he felt _____. Pete knows a drought is when there
(Pete's nickname) (a concerned feeling)

is a shortage of water. "I know what we need to do!" _____ Pete. "We can all work together
(an exclamation)

and save water! Tucson Water helps by recycling our used water and reusing it to water _____
(a type of plant)

at schools and parks such as _____ and _____.
(name of school) (name of city park)

Tucson Water also stores water from the _____ River to save for later use.
(river between Arizona and California)



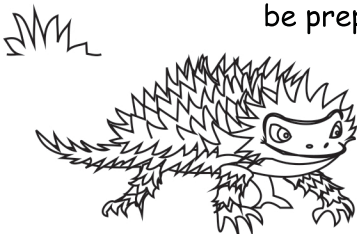
We can all save water when we wash _____ or _____.
(something you wash) (something else you wash)

We can save water when we _____.
(another way to save water)

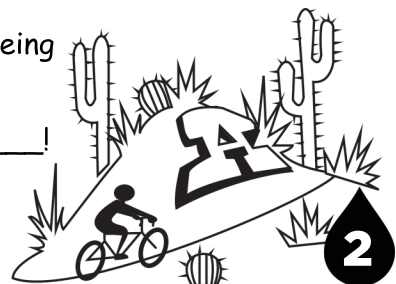


You can tell _____ and _____ about saving water!" Pete realized we can all
(someone you know) (other person you know)

be prepared for _____ by conserving water and being
(a water shortage)

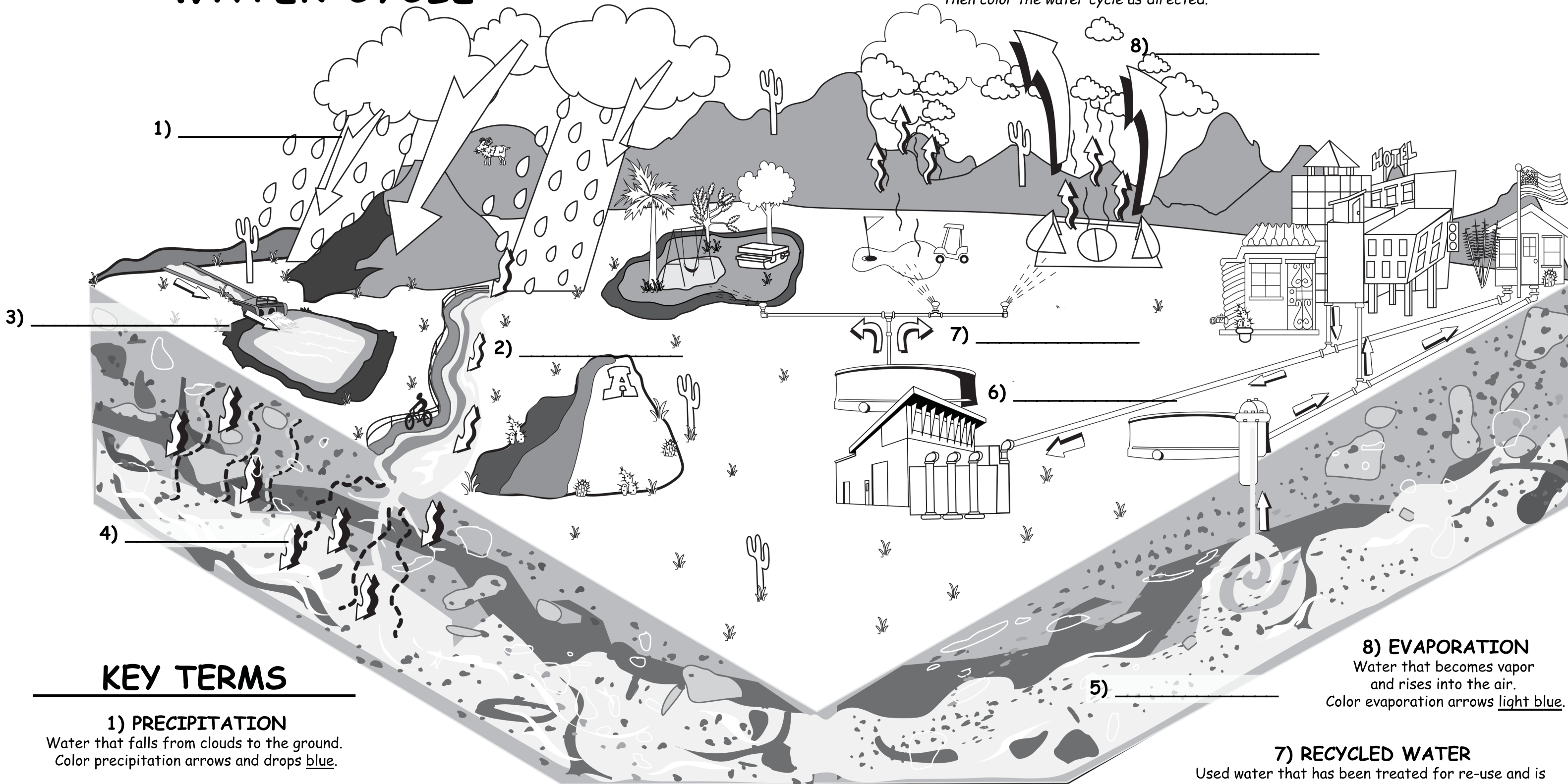


(Tucson Water's water saving slogan)



TUCSON'S URBAN WATER CYCLE

Just like water in nature, Tucson's water is used and used again.
 Find out how as you label and color Tucson's Urban Water Cycle!
 Label the picture by filling in the blanks with the correct words defined below.
 Then color the water cycle as directed.



KEY TERMS

1) PRECIPITATION

Water that falls from clouds to the ground.
 Color precipitation arrows and drops blue.

2) RUNOFF

Rainwater flowing downhill.
 Color runoff arrows blue.

3) COLORADO RIVER WATER

Water delivered by the CAP canal to Tucson.
 Color Colorado River Water arrows dark blue.

4) INFILTRATION

Water that seeps into the soil.
 Color infiltration arrows blue.

5) GROUNDWATER

Water that is located underground
 and pumped up for our use.
 Color groundwater and groundwater arrows blue.

6) WASTE WATER

Used water from homes and businesses.
 Color waste water arrows and pipes black.

7) RECYCLED WATER

Used water that has been treated for re-use and is
 delivered to schools, parks, and golf courses.
 Color recycled water arrows and pipes purple.

8) EVAPORATION

Water that becomes vapor
 and rises into the air.
 Color evaporation arrows light blue.

THE AMAZING DRINK OF WATER

Where do we Tucsonans get our water?
Help Pete and his friends get a drink and find out!



START

ARIZONA GAP

Tucson

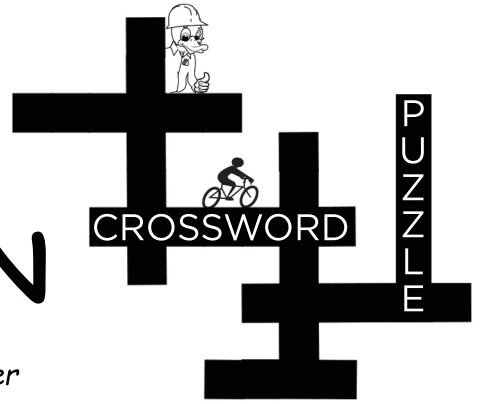
HOTEL

FINISH

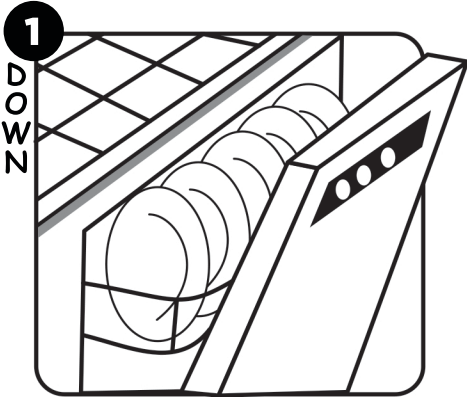
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6

WATER CONSERVATION



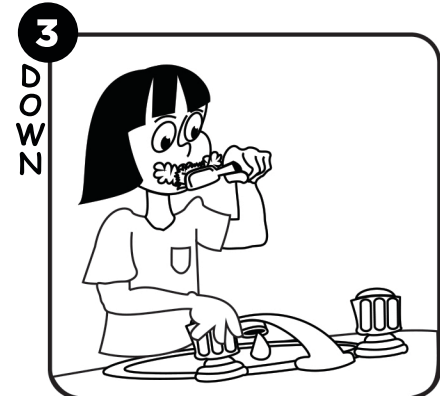
Help Pete and his friends find ways to conserve water. Use the picture and word clues to solve the crossword puzzle. To help you, the first letter of each word is provided.



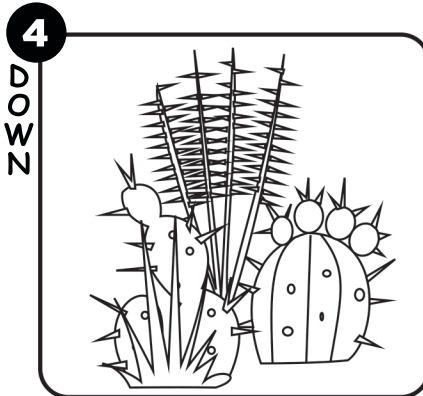
W _____ only full loads.



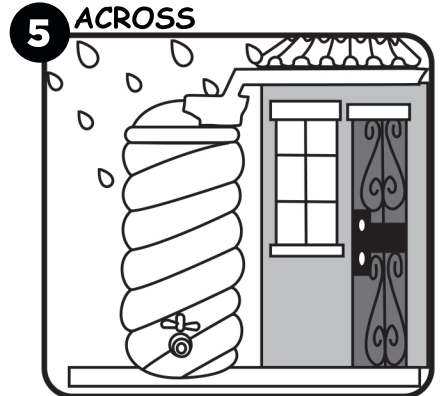
Use a spray N _____.



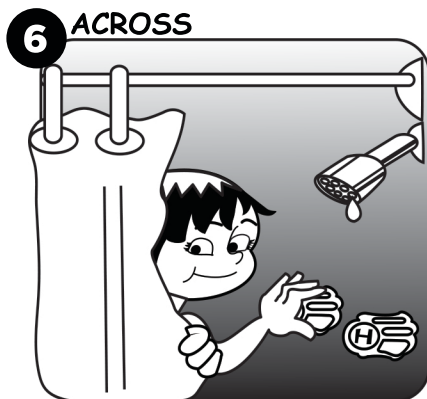
Turn off the
F _____.



Plant D _____ plants.



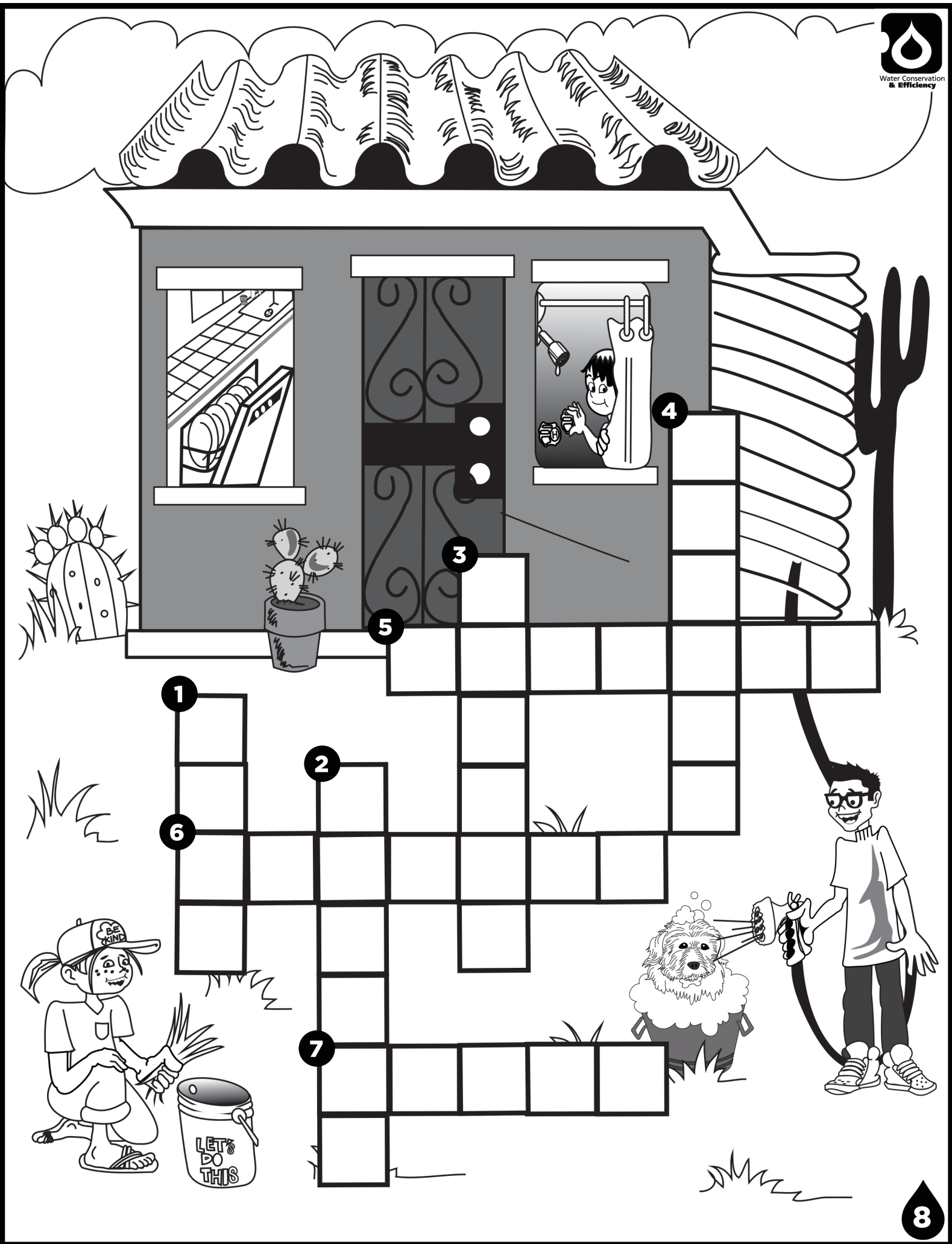
H _____ rainwater.



Take shorter
S _____.



Fix L _____.



Catch the Rain

Capturing and storing rainwater is one way to conserve water. By using rainwater to water our plants we save Colorado River water and groundwater for drinking. Unscramble the letters under each blank to complete the parts of the rainwater poem.



Did you ever catch a R _____
Just by looking up? D R O I N A R P
Did you catch it in your open mouth
Or store it in a cup?



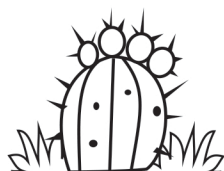
Did you know that you can save the rain
As it falls free to your yard?
You can keep it in a C _____
It isn't very hard. T I N E R S



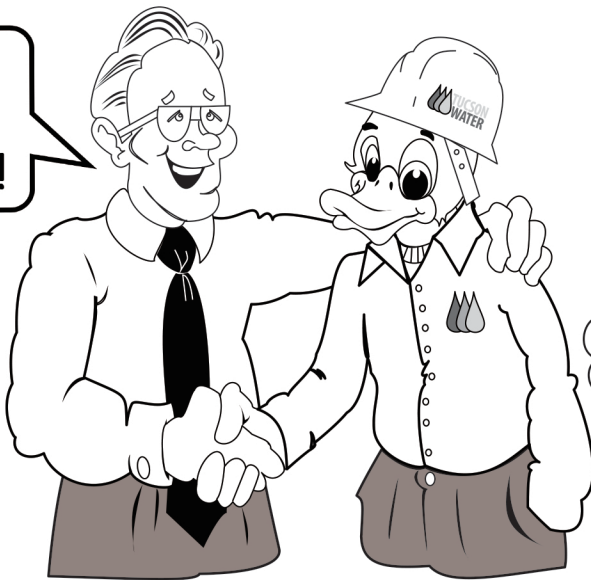
You can store rain in your soil, too,
Just by making little walls.
By guiding water to your plants
You're H _____ rain as it falls!
N V R I G S A T E H



Saving rain is easy,
It shows W _____ thinking.
R A W E T T A M R S
By giving rainwater to our plants
We save the rest for drinking!



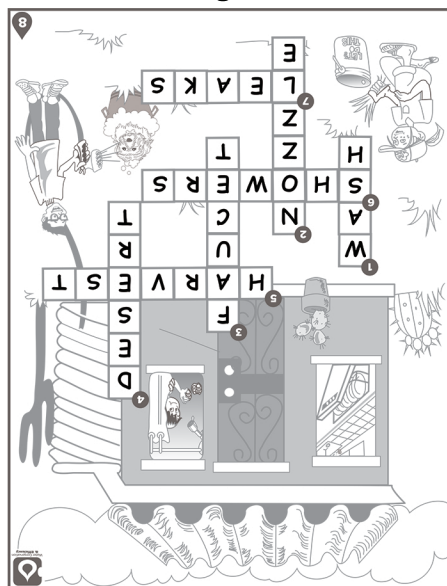
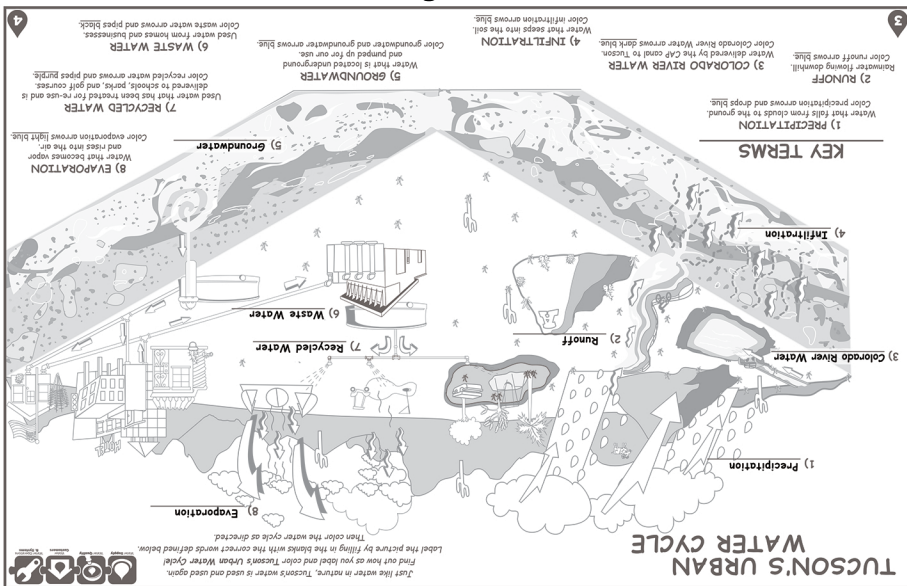
Thanks for being Water Smart!



ANSWERS

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