

Maxine worked for NACD for 47 years. That's why we always ask Maxine. Yes! Everyone lives in a watershed. Even in deserts where it is extremely hot and dry, water is shed. Deserts typically receive ten inches or less of precipitation per year. The rain usually comes in brief downpours resulting in flooding as the water flows across the dry, caked soil. Remember, not all water in a watershed is above ground. Even in the desert, there are underground rivers and aquifers where water flows.

Death Valley is a desert located in the Badwater Basin watershed. The average high temperature in the summer is 116°F. It is home to animals like Kangaroo Rats which can live their entire lives without drinking a drop of water. But like all living organisms, they must have water to survive. The water they need to survive is metabolized by their bodies from starch and fats in the dry seeds they eat.

#### SALT POLYGONS

After winter flooding, the salt on the Badwater Basin Playa dries into geometric polygonal shapes.

For additional information and smartphone app visit www.epa.gov/mywaterway

Name That Watershed: largest area of connected watersheds-Great Basin, most watershed dams—Oklahoma, home to American crocodile—Everglades watersheds, largest fresh water surface system—Great Lakes, 7 of me were produced—hurricane, I can have a huge impact—coastal watersheds, I have no eyes—White Pine Amphipod, during the 1930's—Small Watershed Dams, more water systems—Ground Water.

How Did That Get In My Watershed? 1-2 habits, 2-3 sweep, 3-4 pollutants, 4-5 save, 5-6 erosion, 6-7 never, 7-8 rethink, 8-9 keep, 9-10 pet

Answer Key:
Watershed Scramble:

J. No matter where you are; you are standing in a watershed.

Z. A watershed can range in size from a few to millions of acres.

3. Your everyday activities have an impact on your watershed.

4. The health of your watershed can have a huge impact on you.

Answer: A watershed is the area of land that catches precipitation and drains into a body of water.



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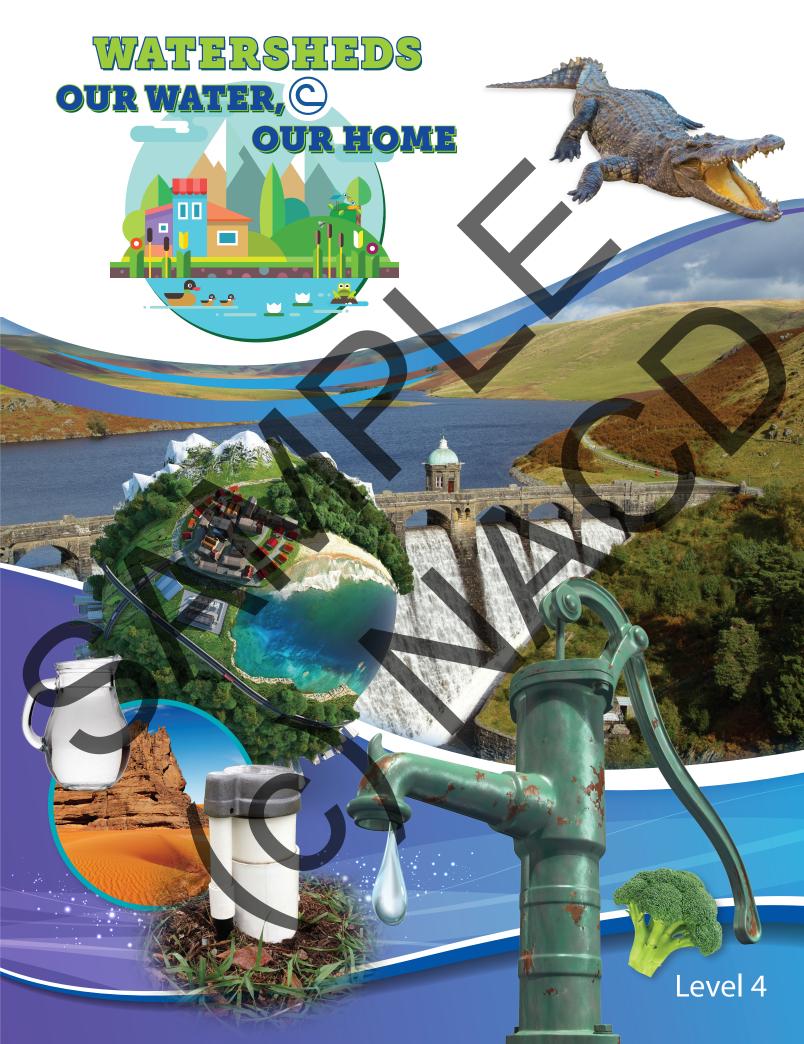
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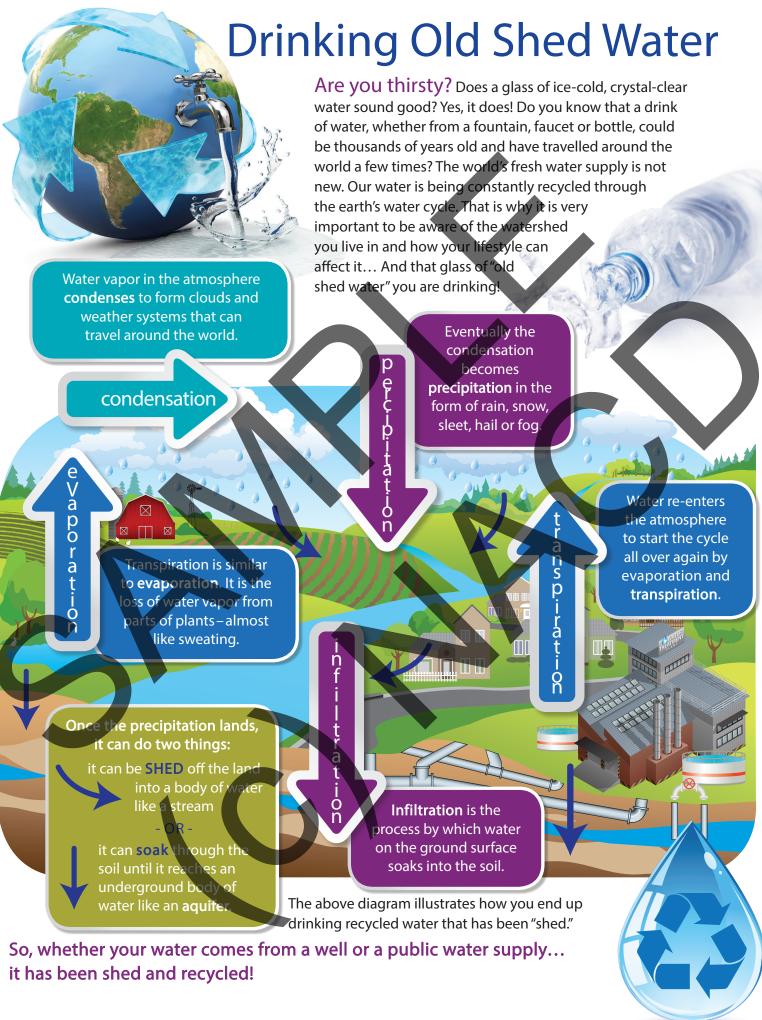
Additional education material available at:

http://www.nacdnet.org/general-resources/stewardship-program/

Booklet designed for use with Grades 6-8 © NACD www.nacdnet.org 2018







# We ALLlive in a watershed

You might not be able to see a lake, river or ocean from your home, but the land you live on does shed water.

# Watershed Scramble

Unscramble each word of the four sentences and fill in the blank boxes for each sentence. Next, copy the letters in the numbered squares to other squares with the same number. Fill in the 73 letters in the last sentence to solve the puzzle.

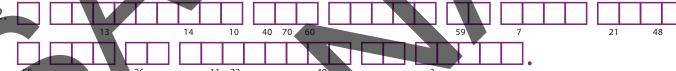
A watershed is an area of land. All of the water under or draining off of a particular watershed goes into the same place. Watersheds come in all shapes and sizes.

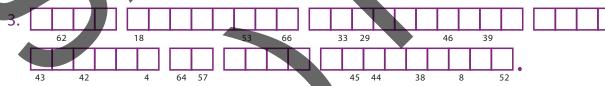
They cross county, state and national boundaries. In the continental US, there are 2,100 watersheds. If we include Hawaii, Alaska and Puerto Rico, the count rises to 2,267 watersheds.

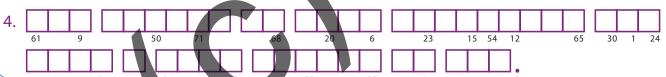
#### Clues:

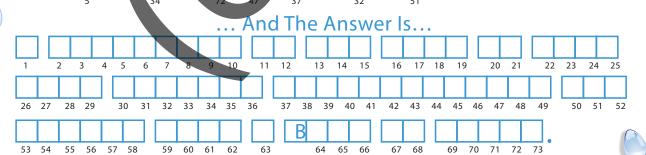
- 1. NO TERTMA WERHE UOY FAR; UYO FAR GANSNDIT NI A HESTERDAW.
- 2. A SEHRDETWA CNA RGAEN NI ZESI FORM A FWE TO LINMOSIL FO CARSE.
- 3. YROU EDRYYVEA ASTIEVICTI HEAV NA MATPIC NO OYRU WEATRSEHD.
- 4. HET LAHETH OF ROUY WESDEHRTA NAC EHVA A GUEH CMPIAT ON UYO.













Since we all live in a watershed our actions, habits and decisions can have a strong affect on the animals and plants that share life in the watershed with us.

> Here are some of the things you can do to protect your watershed:

# No Drain Dumping

Never dump used motor oil, hazardous chemicals, pet waste,

or any other materials down storm drains or on the ground. The water in storm drains flows to rivers, lakes or other bodies of water and could end up in our drinking water. Materials left on the ground can leach through the soil and end up in underground water supplies.

ew Did

## Car Care.

According to the US Bureau of **Transportation** Statistics, there are

263,600,000 registered passenger vehicles on the road. That's a lot of oil changes, leaking anti-freeze and car washes. If your vehicle leaks fluid on the street or

in your driveway, it can end up in storm drains and pollute water sources.

Watch for signs of leaks!

## Pick Up After Your Pet.

Six out of every 10 homes have a four-legged pet. Do you? Care for your watershed by disposing of pet waste in the trash or toilet. Proper disposal means proper treatment. Pet waste left on the ground can wash into storm drains and ditches. From there it flows into lakes and streams where it can contaminate the water with harmful bacteria.



at Get In My Watershed?

Talk
The Walk.
Tell your family
and friends
how important
it is to practice
good conservation habits
in your watershed.

# Conserve Water,

The average person uses 80 - 100 gallons of water every day!

#### Go Green In Your Yard.

Sweep hard surfaces like sidewalks, driveways and basketball courts with a broom, instead of spraying with a hose. You'll save water and keep harmful pollutants from "shedding" into storm drains.

Fill in the blanks in each drop of water by answering the following clues. The numbers before each clue tell you where the word begins and ends. The answers will share first and/or last letters with the letter that goes in the square.

- can have a strong impact on our watershed.
- 3-4 Avoid spraying hard surfaces with a hose to prevent

from flowing into storm drains.

- 4-5 \_\_\_\_\_ water. The average person uses 80 100 gallons per day.
- - dump chemicals,
    waste or other materials down storm
    drains or on the ground.
- 7-8 Reduce, reuse, recycle and

change, big or small can improve the health of your environment.

8-9 Practice good vehicle maintenance.

an eye out for leaking anti-freeze or motor oil.

9-10 Pick up after your \_\_\_\_\_ to avoid harmful bacteria travelling through the watershed and contaminating water supplies.



Plant And Grow

If there are bare spots in your yard, get busy planting. Plants prevent erosion which leads to soil being moved through the watershed into our lakes and rivers. Grow some healthy vegetables like broccoli or tomatoes.



The five



Fill in all of the blanks and follow the instructions by choosing the correct answer from the "Answer That Question" box. Use the lines on the map to label areas when requested.

Watershed

form the largest fresh surface water system in the world. Their watershed boundaries cross the borders of 8 states. abel them on the map.

1innesota Maine' Vermont Wisconsin New York Iowa Pennsylvania New Jersey ndiana Ohio Illinois **Delaware** Maryland Missouri More water systems in the United States have Arkansas buth orolina

Georgia

New Hampshire **Massachusetts** 

Rhode Island

a source than surface water, but more people drink from a surface water system. What is i

ROUTE

During the 1930's the Midwest United States suffered one of the worst natural disasters in history—the Dust Bowl. Several states were damaged by dust storms as soil was picked up and blown into neighboring states. The topsoil that didn't blow away was washed away by rains. Streams and rivers were clogged with sediment, and farm land and towns were flooded. One of the conservation practices that was put into place to reduce the damages caused by flooding was the construction

These structures temporarily trap and store runoff water after heavy rainstorms. Label the area on the map showing the states affected by the Dust Bowl.

Seven of me were produced during the Atlantic **se**ason in 2011. I can have a huge impact **EVACUATION** 

as I blow in with winds in excess of 100 miles per hour and cause water to flood down, through and within the watersheds.

What am I?

Trace the coastline where you think watersheds may have been impacted.

I have no eyes. I am solid white.

I was discovered in March of 2011.

I live in underground waterways.

I live in only one place on the planet.

What am I?

In which watershed(s) do I live?