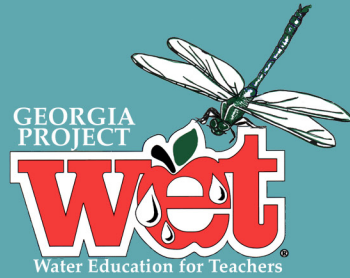


Show your students that

*Water is magic!*



Combine MAGIC and Project WET in a unique way to teach water education.

Download cards and instructions from  
[GAProjectWET.org](http://GAProjectWET.org)

For magic supplies, try:  
[MadhatterMagicShop.com](http://MadhatterMagicShop.com)  
[www.PenguinMagic.com](http://www.PenguinMagic.com)

The preparation of this booklet was financed in part through a grant from the U.S. Environmental Protection Agency under provisions of Section 319 (h) of the Federal Clean Water Act of 1987, as amended.

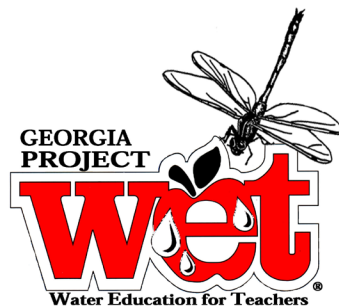


*The Magic of Water*



*Georgia Project WET*

Adapted from Kathy Machado, [valleywater.org](http://valleywater.org)



# The Raining Quarter



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**Materials:** Quarter, small wad of paper towel (wet)

### WHAT YOU DO

Secretly stick the wad of wet paper towel behind your ear. Hold up a quarter.

Hold your hands out with the quarter and ask a volunteer ----->

Rub the quarter between your hands.

Take the quarter in one hand and rub it on your elbow. Use this opportunity to grab the wad of paper towel behind your ear.

Rub the quarter on the other elbow, hiding the wad behind the quarter.

Squeeze the wad and the quarter will appear to rain.

### WHAT YOU SAY

On Earth it seems we have a lot of water. I can even get water to rain from this quarter!

Are my hands dry? Is this quarter dry?

We have to warm up the quarter to make it rain.

Now I'll rub it on this elbow.

And on this elbow.

Now watch! The quarter is raining!

Can we really get water that easily? If we could would there still be droughts and people who have to travel great distances for their water?

**Project WET suggestion:** Use *A Drop in the Bucket* to help students understand that this resource must be used and managed carefully.



Just for Fun!

**Materials:** Select 7 cards from a regular deck (no diamonds)

## WHAT YOU DO

Hold seven cards in a fan with faces toward the floor.

Separate the cards in your hand so that the card selected is slipped back into your cards, third from top, face down.

If RED or BLACK, count the cards down on the table spelling RED or BLACK, then place remaining cards on top.

If red, is it a DIAMOND or HEART?  
If black, is it CLUBS or SPADE?  
Spell suit out with the cards and place remaining cards on top.

Spell out LIED, TRUE or BOTH

Turn the next card over to show them their card.

## WHAT YOU SAY

I have seven cards. Pick one. Look at it but don't show me.

Place it back in my deck, face down.  
I will ask you 4 questions to find out which card you had. You may LIE, TELL the TRUTH or DO BOTH.

Is the card RED or BLACK?

What is the SUIT of your card?

Have you LIED, been TRUE or BOTH?

# Introduction

We all know how important water is to our lives but did you know it is also **magical**? Here is your chance to mix a little magic into your lessons and help your students get interested in water quality, non-point source pollution and conservation.

Use these "tricks" along with the suggested **Project WET Activities** to make the lessons meaningful and fun. Through slight-of-hand and self-working effects, you can delight, enthrall and more importantly draw audiences into the lessons of water.

You might be able to find a magic store near you or you can shop on line to discover more props and instructions to adapt to your water lessons and fit your message. You will be amazed to find how easy some of the tricks are and how well they can illustrate your lessons.

One last word: PRACTICE! PRACTICE! PRACTICE! Check out YouTube videos for good demonstrations.

Find **FREE** downloadable cards and instructions on [GAProjectWET.org](http://GAProjectWET.org).

**Project WET suggestion:** Use *H2Olympics* to show that water has a few tricks of its own!

# Lesson 1



## You can Make a Difference!

**Materials and Prep:** Use the 4 cards provided on website. Cut 7 of Hearts and tape to Ace as instructed. Slip the 2 of Hearts under the 7, positioning carefully, and place the King/Queen over the seam. Hold the cards in a fan in your left hand and cover lower corner with your thumb. It will appear that you are holding only 3 cards.

### WHAT YOU DO

1. Point to the ace.
2. Point to the seven.
3. Point to the King.
4. Point to the Queen.
5. Pull the "seven" (really the hidden 2) out a little and let someone take it.
6. Use your thumb to move the two cards left in your hand closer together.
7. To the person who took the card ----->

### WHAT YOU SAY

One World.  
 7 billion people.  
 Everyone wants to be King.  
 Or Queen.  
 Who can make a difference?



Show everyone your card and read the instructions outloud.

**Project WET suggestion:** Use *Sum of the Parts* to show how everyone is responsible for non-point source pollution.

## Water in Your Body



# Lesson 5

**Materials:** Fake thumb tip, blue silk scarf

### WHAT YOU DO

1. Stuff the blue scarf into thumb tip and slip the tip onto your right thumb. Show your hands and turn them palm up and palm down several times quickly.
2. Make a loose fist with your left hand and slip your right thumb into the top of your left fist. Let your left hand pull off and conceal the fake thumb and scarf.
3. To deceive, stick the other fingers of your right hand into your left fist one at a time.
4. Reach into your left fist and very slowly pull the blue scarf from the inside of the fake thumb, and say ----->
5. Stuff the blue scarf back into the thumb tip in your left fist and stick your right thumb into it so that the tip is back on your right thumb.
6. Hold up your hands and show that the scarf is gone.

### WHAT YOU SAY

If you could find out what is inside of your body, do you know what you would find more than anything else? (water)

- Your body is 60-70% made of water!
- Your brain is 73% water.
- Your muscles are 79% water.
- Your eyeballs are 95% water.



But we don't see the water because it is part of our blood, skin, organs and hidden in all parts of us, even our hair!

**Project WET suggestion:** *Aqua Bodies* will demonstrate how much of students' bodies are composed of water, where that water is found and the functions of water in their bodies.

# Lesson 4

## 3 States of Water

**Materials:** 3 pieces of nylon rope (8", 20", 31") with taped ends, to practice watch Youtube video: <https://www.youtube.com/watch?v=HqQTgEAPD1c>

### WHAT YOU DO

Hold up the shortest rope.

Hold up the medium length rope.

Hold up the longest rope.

Line the ropes up in the crook of your left thumb, back of hand to audience, small, medium, long. The tops should hang above your left hand by 2-3".

Bring the loose end of the longest up next to its other end.

Bring the end of the medium up and hold at end of line even with others.

#### Here is the trick:

Reach through the loop of the longest and grab the shortest loose end. Pull it through and place this end in the third position from the crook, covering the shortest loop with your palm.

Grab the tops of the outside 3 ropes and tug them downward. Let them hang from your hand. They should all appear to be the same length.

Pull out the middle rope. Loosen up the short rope and pull out. Show the long rope.

### WHAT YOU SAY

If you take a cup of water and put it in the freezer, does it get bigger or smaller when it freezes? (bigger)

If you said smaller, try the experiment at home tonight. Fill a plastic cup half way with water and mark the waterline level. Put it in the freezer overnight.

If you take the same cup of water and boil it on the stove, does the water stay in the cup or does it fill the kitchen? It has turned to gas and fills the kitchen!

Here is water as a liquid.

Here is water as a gas.

Here is water as a solid.

What I want you to remember is that whether water is a liquid, solid or gas, it is still water.

Water can be a solid.  
Water can be a liquid.  
Water can be a gas.



**Project WET suggestion:** *Blue Planet* is a good activity to show how and in what quantity the states of water exist on Earth. *Molecules in Motion* helps students understand how water molecules behave in the different states.

# 100 Water Words

# Lesson 2

**Materials:** Print out the deck of 100 Water Words cards available on our website. Use with a class with 10 students each holding a card in front of the class or spread on a table to use with individuals or a small group.

### WHAT YOU DO

Have 10 people stand in front of the class. Have each hold up a card with the blue side toward audience.

Ask for another volunteer and say ----->

Look at **second** word on white side of THIS card. Use **key below** to find the word position associated with it.

Tell the card holders ----->

To the word volunteer ----->

#### KEY: secret word position on white side

Ocean = One	Shower = Six
Torrent = Two	Sea = Seven
Tributary = Three	Eddy = Eight
Foam = Four	Narcissus = Nine
Fish Ladder = Five	Tide = Ten

**Project WET suggestion:** Use *River Talk* to explore analogies to learn more about watersheds and *Raining Cats and Dogs* to show how water is heavily reflected in our language.

### WHAT YOU SAY

10 words for water on each card; 10 cards=100 words. One word is not a word for water. Can you find it? Narcissus. In Greek mythology Narcissus was a hunter who was known for his beauty. He saw his reflection in a pool and fell in love with it! He bent down to kiss himself and fell in the pool. So much for vanity!

I can read your mind! Pick a word, but don't tell me. Ask the person with the card with your word to turn it around so that the white side is out.

Everyone turn your cards around to show the white side out. Exchange your card with someone else.

Find your word again on the white side and ask the person holding that card to step forward.

Is your word \_\_\_\_\_?

# Lesson 3



## The Water Cycle

**Materials:** 2 blue sponge balls, 4 sponge balls of other colors, picture of a hamburger, clear glass of ice water

### WHAT YOU DO

Hold up a small blue sponge ball. Say --->

Then show a picture of a hamburger.

Hold a blue sponge ball in left hand with another blue ball sitting on the table.

Bring your hands together. Slip the ball to your right hand holding it out of site with your thumb. Close your left fist so audience thinks it is there.

Pick up the other ball with the hand holding the hidden ball and give both to the volunteer without him/her noticing there are two. Say>

Say while pointing to your left fist ----->

### WHAT YOU SAY

Let's pretend this is a raindrop!

This actually looks more like a real raindrop. It is rounded on the top and flat on the bottom. As rain falls, it is pushed by the air and flattens out on the bottom.

But for now we will pretend that this is a raindrop in my hand.

Who can hold the other one?

Hold it tight in your fist.

We are going to talk about my drop first. Let's say I jump into a pool. What happened to my clothes? ... Right! They are get wet.

Then when I stand in the sun on a warm day what happens? .... my clothes dry!

**Project WET suggestion:** *Incredible Journey* can be used next to fully experience the water cycle.

### WHAT YOU DO

Open your fist.

Place a glass of ice water on the table.

To the volunteer with the balls, ask ---->

Take the two blue sponges and ask ----> Meanwhile you have hidden 4 more balls in your right hand. Slip all 6 squished up balls into the volunteer's hand and ask them to hold it tightly closed.



### WHAT YOU SAY

What happened to all the water? I was wet and now I am dry! Where did it go?

It evaporated into the air. Is there water in the air right now? Let's see . . .

If we put out a cold glass of water, what happens on the outside of the glass? What is that--Water! Did we spray it on? Did it leak out? Did the ice melt and spill over the top? How did it get there?

When we have a cold surface the water in the air condenses on it. So that is condensation on this glass. That is the same thing that happens in a cloud.

Are you HOT or COLD? If your hand is HOT the water drop you are holding will evaporate just like from my clothes. If it is COLD then more water will condense in your hand. Open your hand.

Who will be my cloud and hold onto these two drops?

Here is our cloud, floating around, having a good time. Suddenly it gets really COLD. What happens to the cloud when it gets COLD? Condensation!

What happens when all that water comes together in the cloud? It rains!

What does the rain fall through on its way to the ground? Air! Is the air always clean? OPEN YOUR HAND.

Sometimes when it rains the raindrops pick up pollution and it runs into our rivers and streams.