



IOWA  
AMERICAN WATER

WE KEEP LIFE FLOWING®

Water Fun

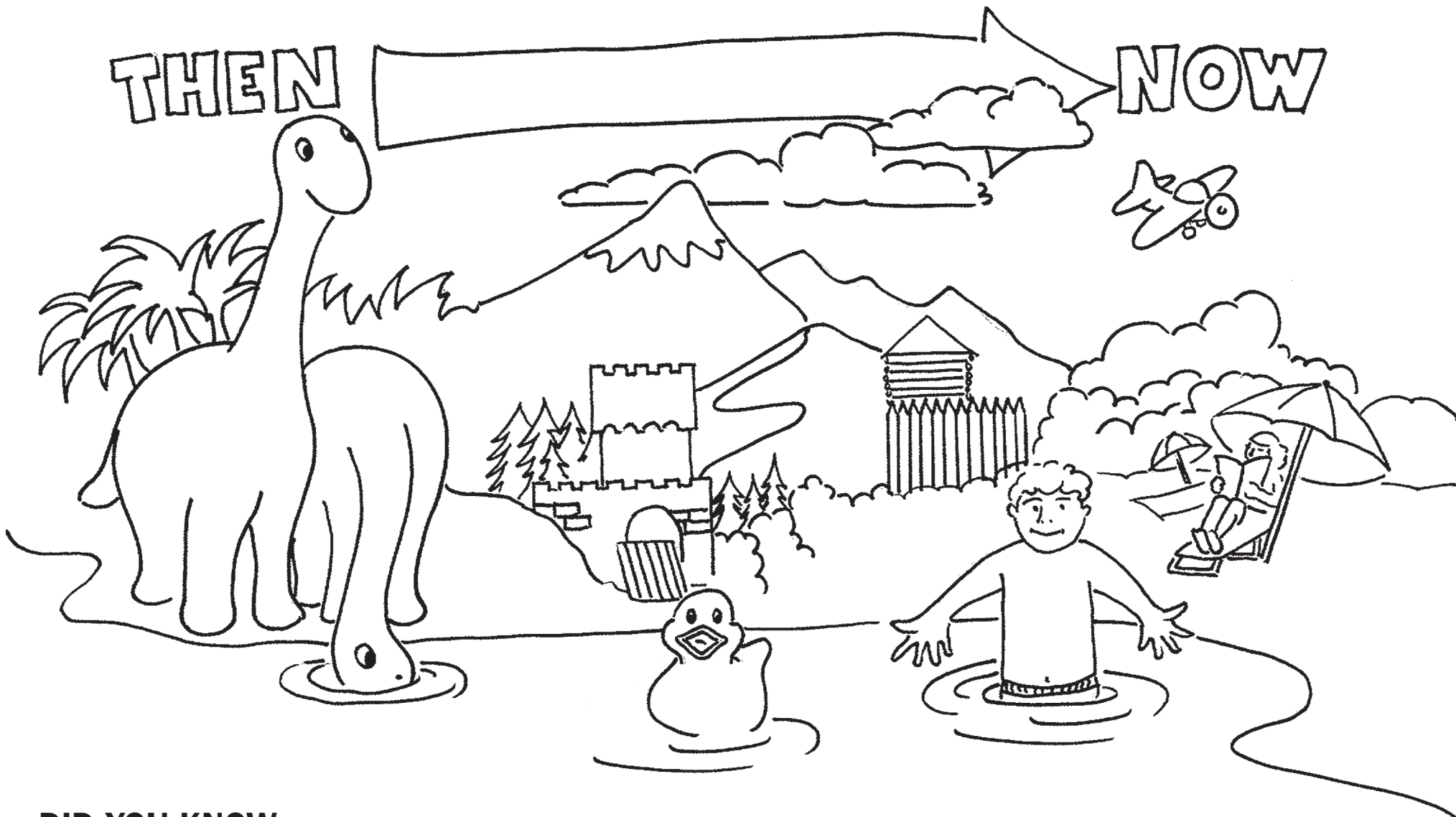
WITH  
PUDDLES

Let's learn about water!

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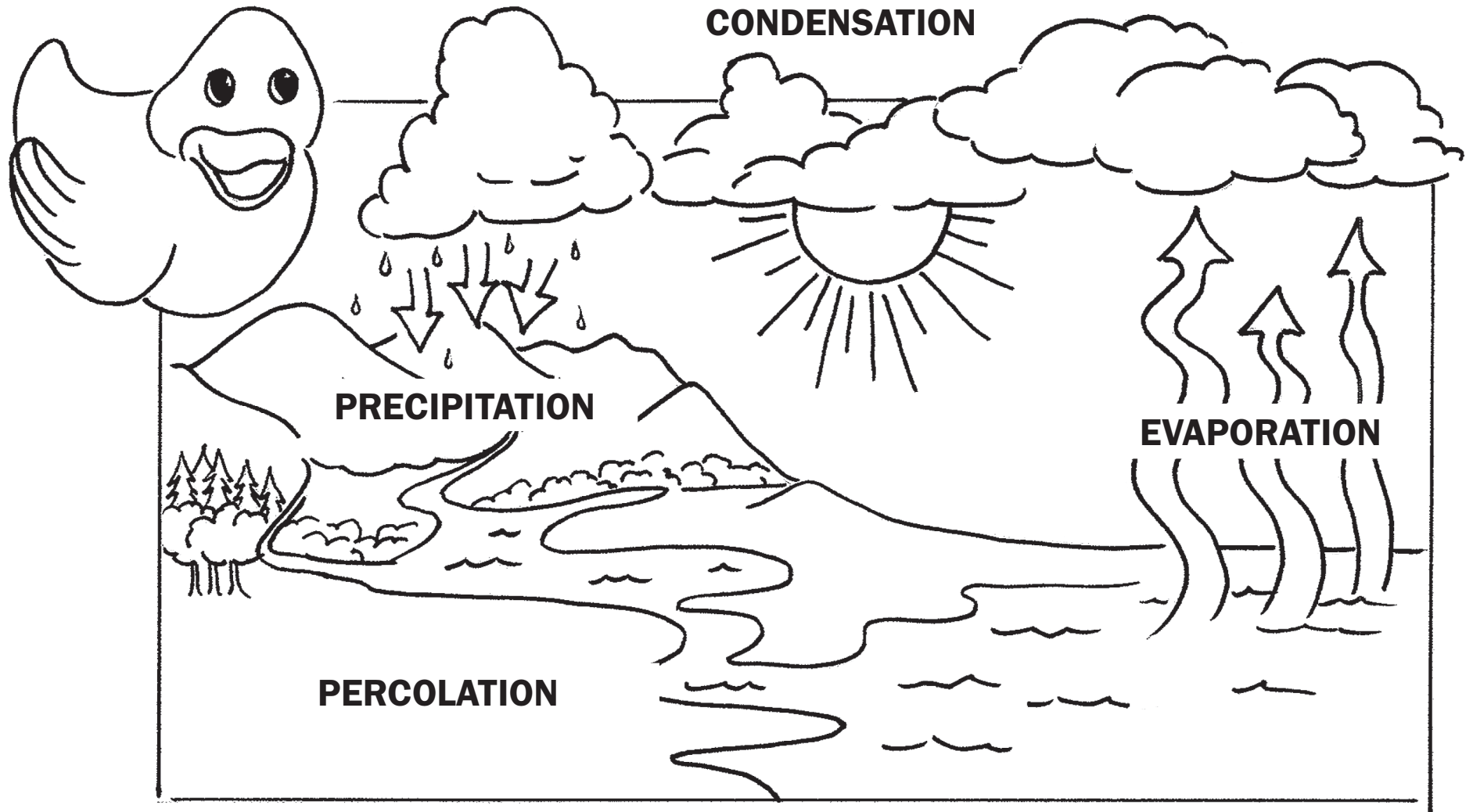
# Water is Ancient



**DID YOU KNOW** that the water on Earth today is the same water that was used thousands of years ago thanks to the hydrologic cycle (water cycle)?

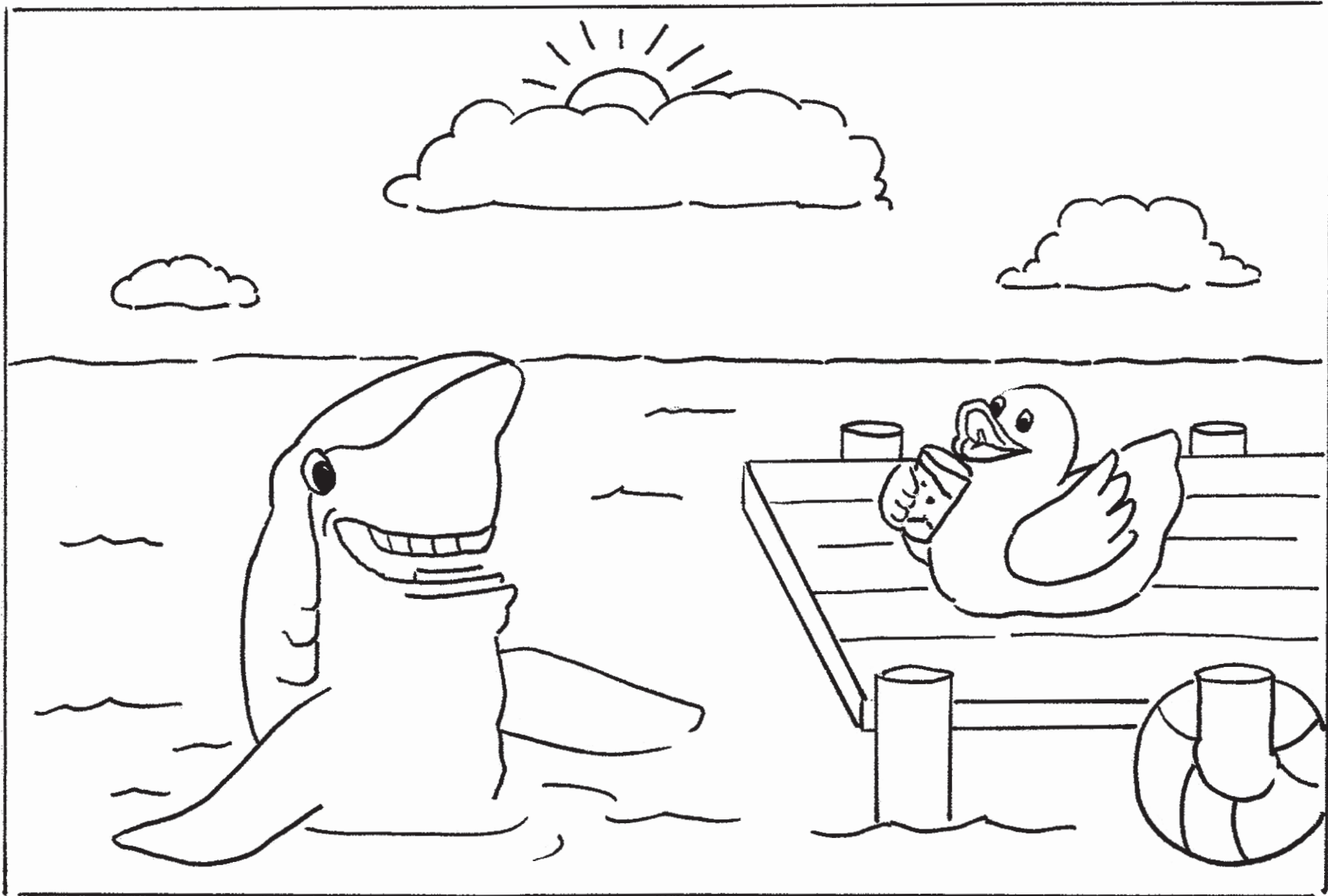
# Water Cycle

The water cycle moves water from the Earth to the air and back to the Earth again.



**PRECIPITATION** is when water falls from the sky as rain, snow or sleet onto the Earth. **PERCOLATION** happens when the water sinks into the soil and finds its way to aquifers underground. **EVAPORATION** is when the water turns into a gas. **CONDENSATION** is when the water vapor condenses and forms precipitation.

# Earth's Water



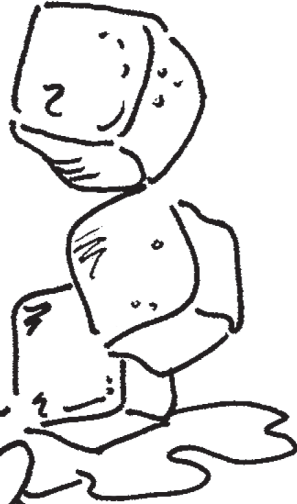
**DID YOU KNOW** that water covers most of Earth; however, 97% is salt water? Only 3% is fresh water that can be used for drinking, and 2% of that is locked in ice caps. That leaves just 1% of all water on Earth for drinking water.

# Three Forms of Water

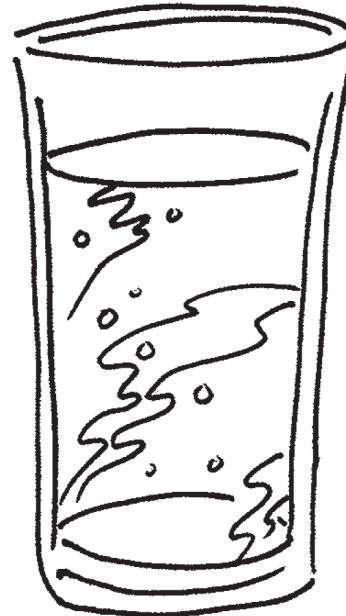
Water comes  
in three forms.  
My favorite  
is liquid.



**SOLID**  
(ice)



**LIQUID**  
(water)



**GAS**  
(steam)



**DID YOU KNOW** that water freezes at 32 degrees Fahrenheit (0 degrees Celsius) and boils at 212 degrees Fahrenheit (100 degrees Celsius)?

# We Use Water Every Day

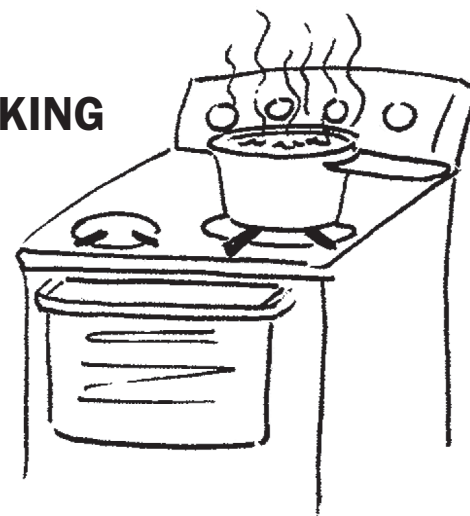


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**BATH TIME**



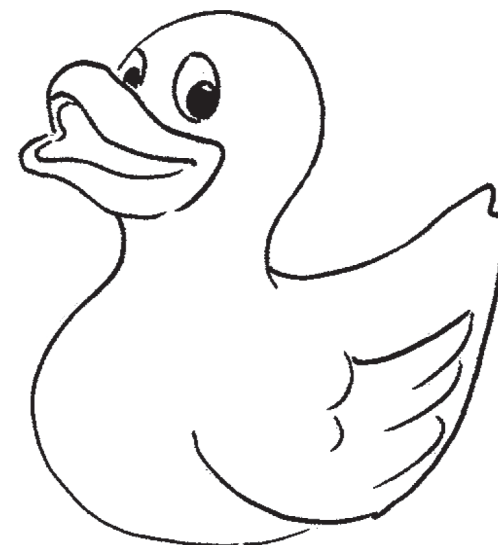
**COOKING**



**CLEANING**



**We use water every day. We use it to bathe, cook, clean, drink and have fun!**



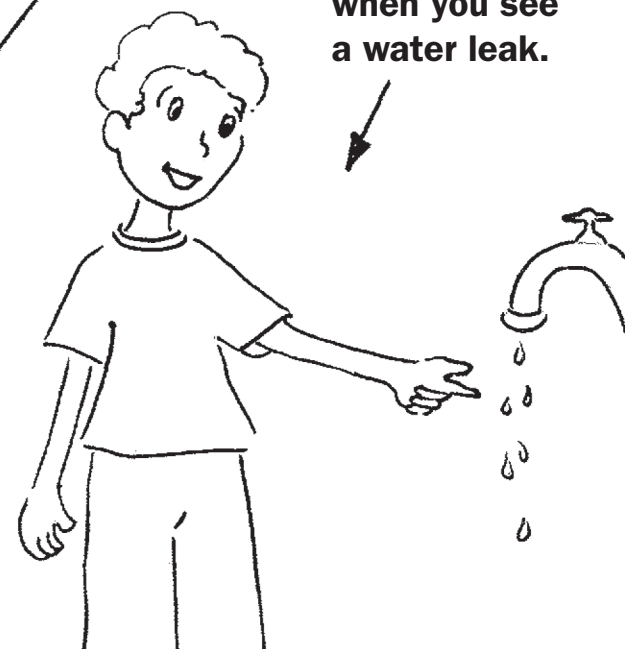
# Water is a Precious Resource

## Use it wisely.

Remember...

Turn off the water when not using it.

Tell an adult when you see a water leak.



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Run only full loads in the dishwasher and washing machine.

Check your faucets for leaks.



Turn off the water when brushing your teeth.

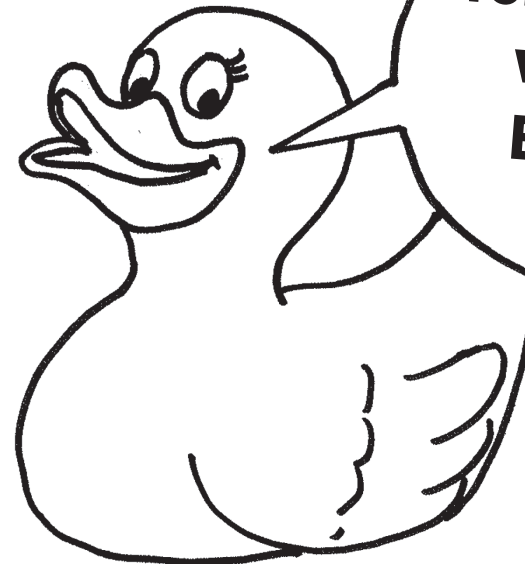
Take shorter showers.

Check your toilets for leaks. A leaky toilet can waste gallons of water every day!



Water your lawn at night or in the early morning to avoid evaporation.

Always remember to use water wisely!  
**EVERY DROP COUNTS!**



For more water saving tips, visit [iowaamwater.com](http://iowaamwater.com).



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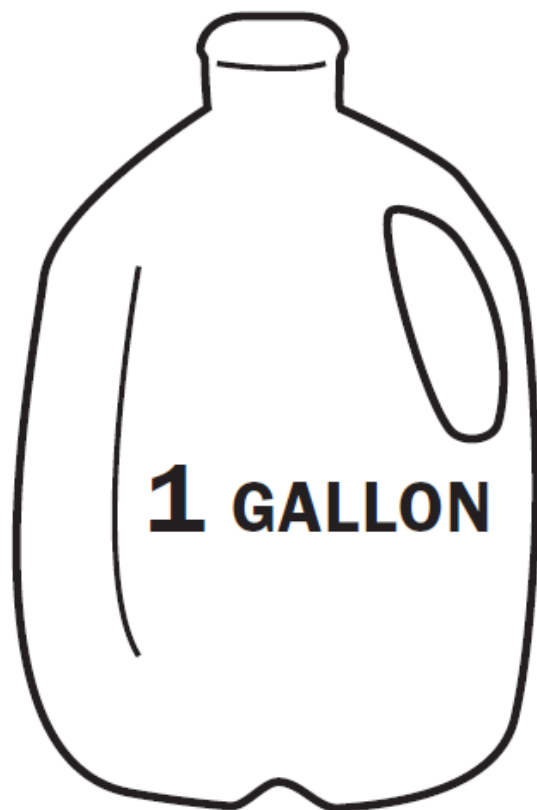
**DID YOU KNOW**  
a large part of our  
bodies is made of  
water — almost  
two-thirds!

**DID YOU KNOW**  
about 97% of Earth's water  
is ocean water and too salty  
to drink, while 2% of Earth's  
water is frozen in glaciers.  
Only 1% is fresh water for  
us to use.

There are two main sources  
of drinking water: surface  
water (rivers, lakes and  
streams) and groundwater  
(aquifers).

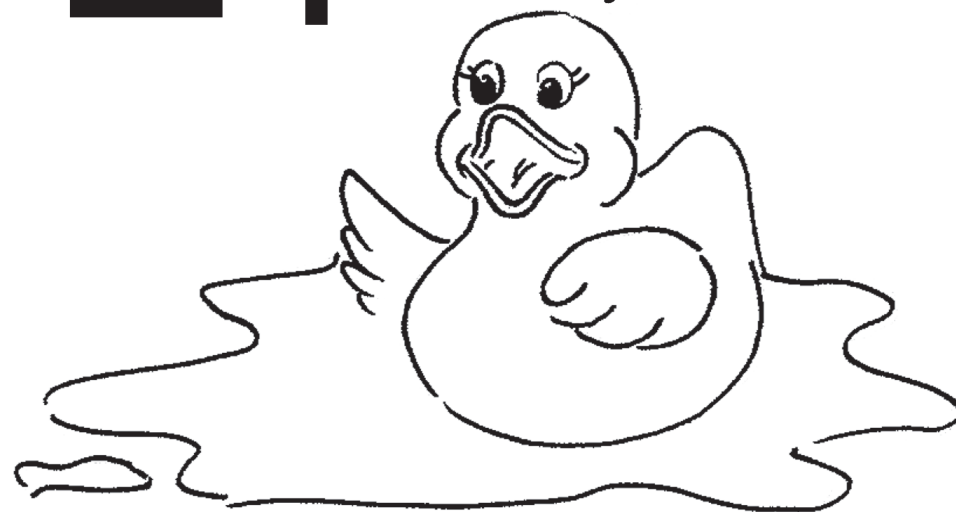


# Water is a Great Value

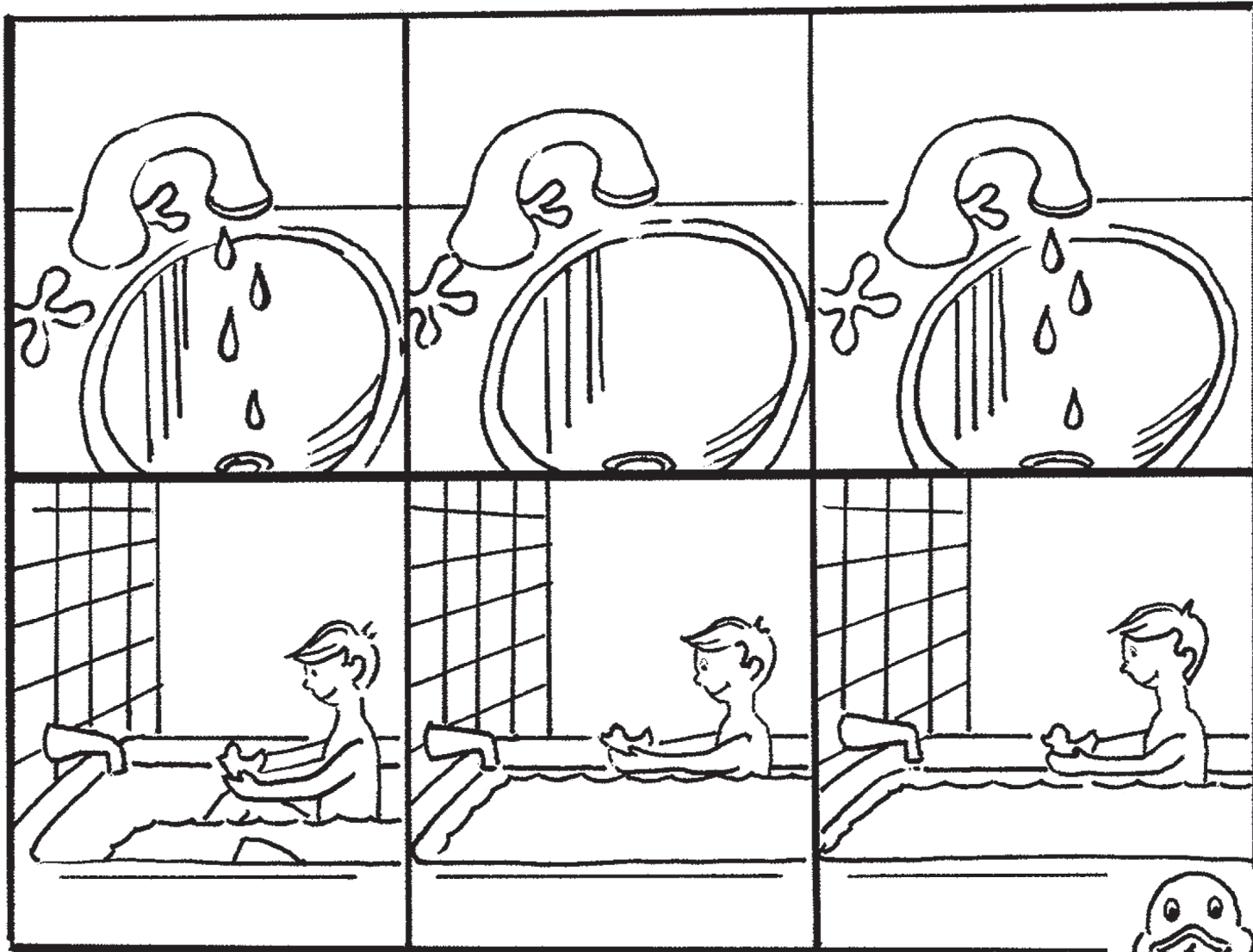


= 1¢

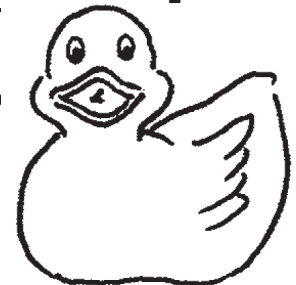
Generally,  
one gallon of  
tap water from  
Iowa American  
Water costs about  
a penny.



**DID YOU KNOW** that about a penny covers the cost of treating and distributing one gallon of water? That includes maintaining and upgrading our equipment, monitoring your water to help meet federal and state drinking water standards, and operating our treatment facilities. What a great value — it's one of the lowest household utility bills!

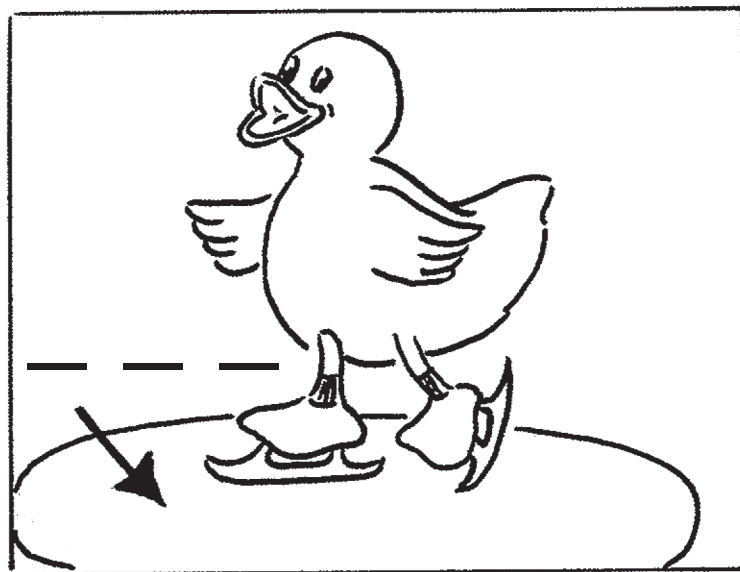
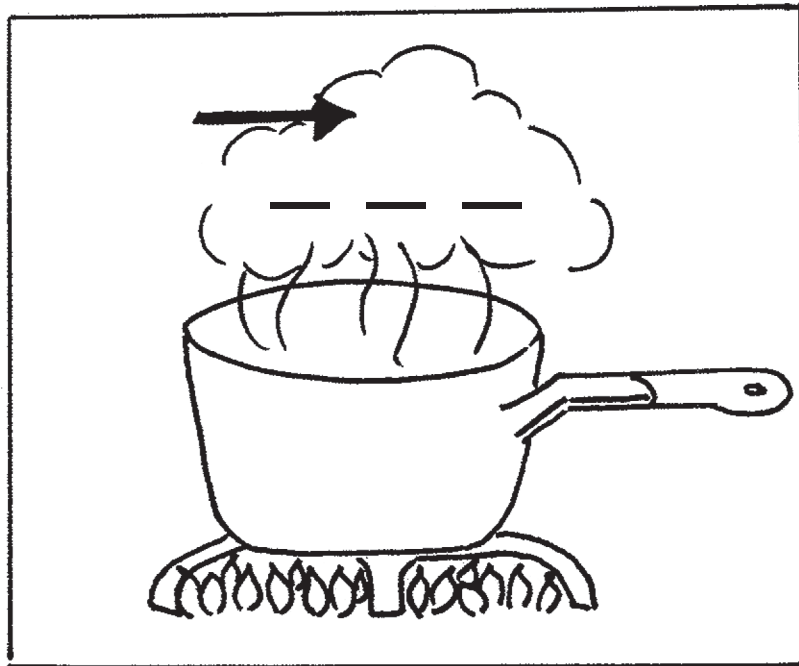
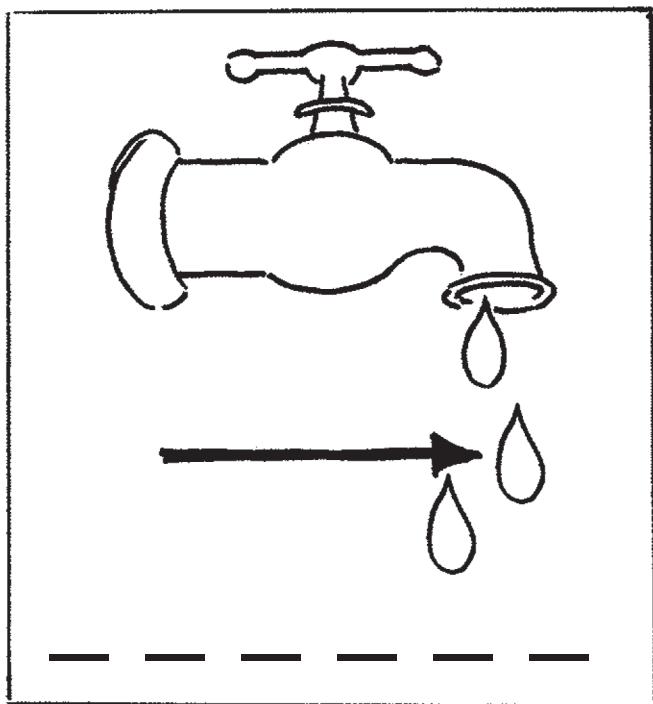


Look at the pictures in each row. Circle the one that is different.



Choose from the list below.  
Fill in the blanks with  
the correct form of water shown.

**ICE    GAS    LIQUID**

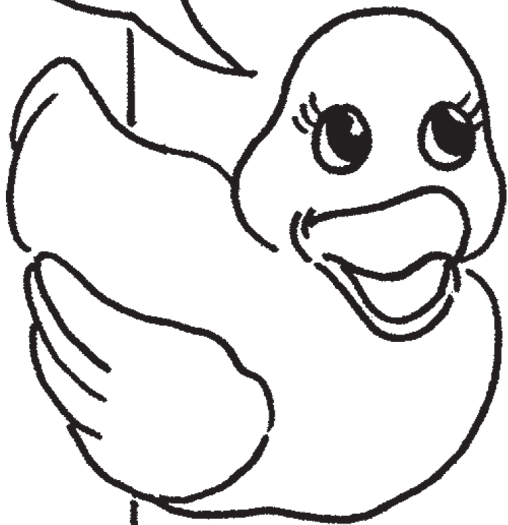




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Can you  
unscramble  
these water  
words?



----- C I E  
----- S A G  
----- R V I E R  
----- E L A K  
----- A W T R E





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