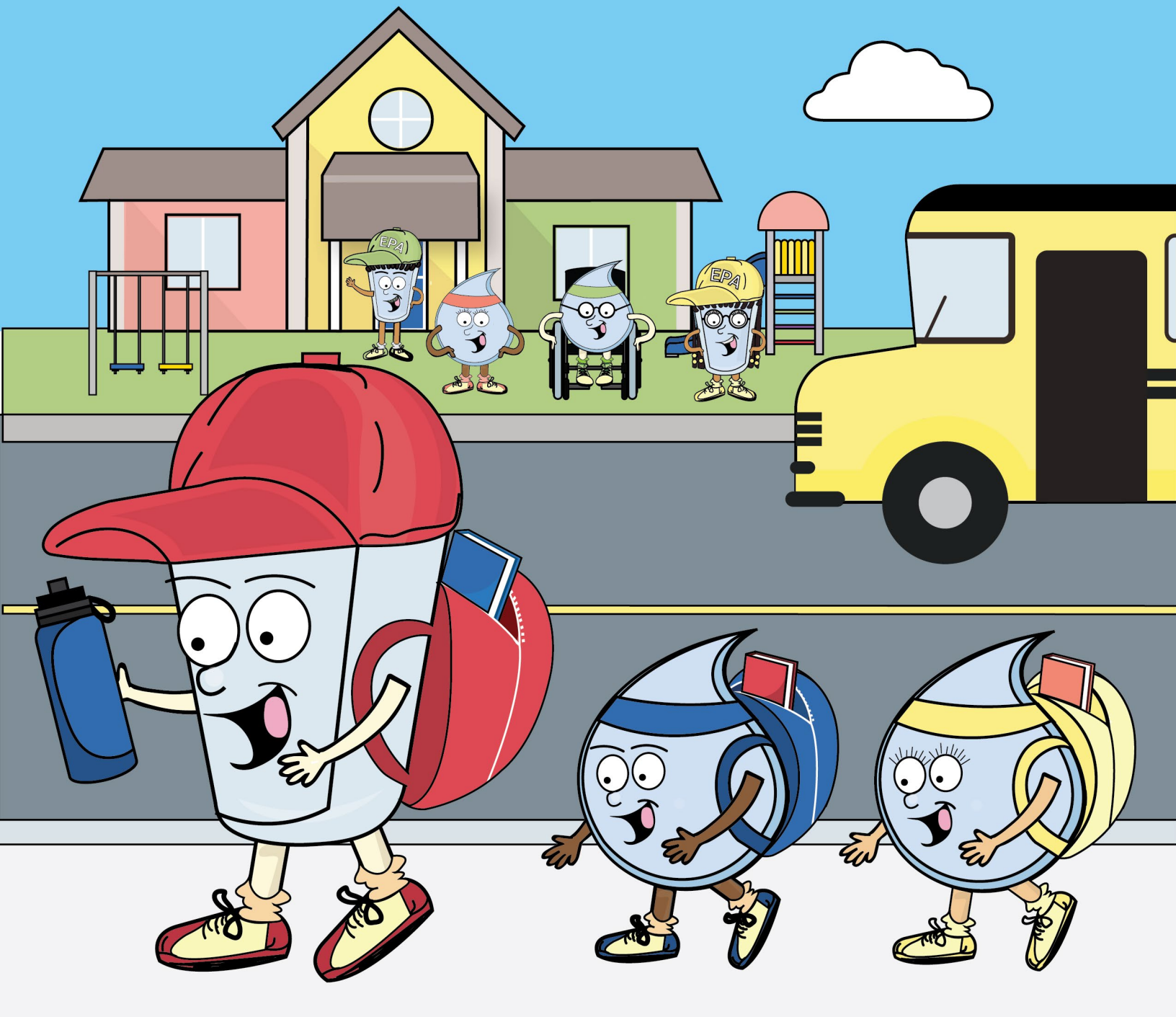
Thirstin's WACKY Water Adventure

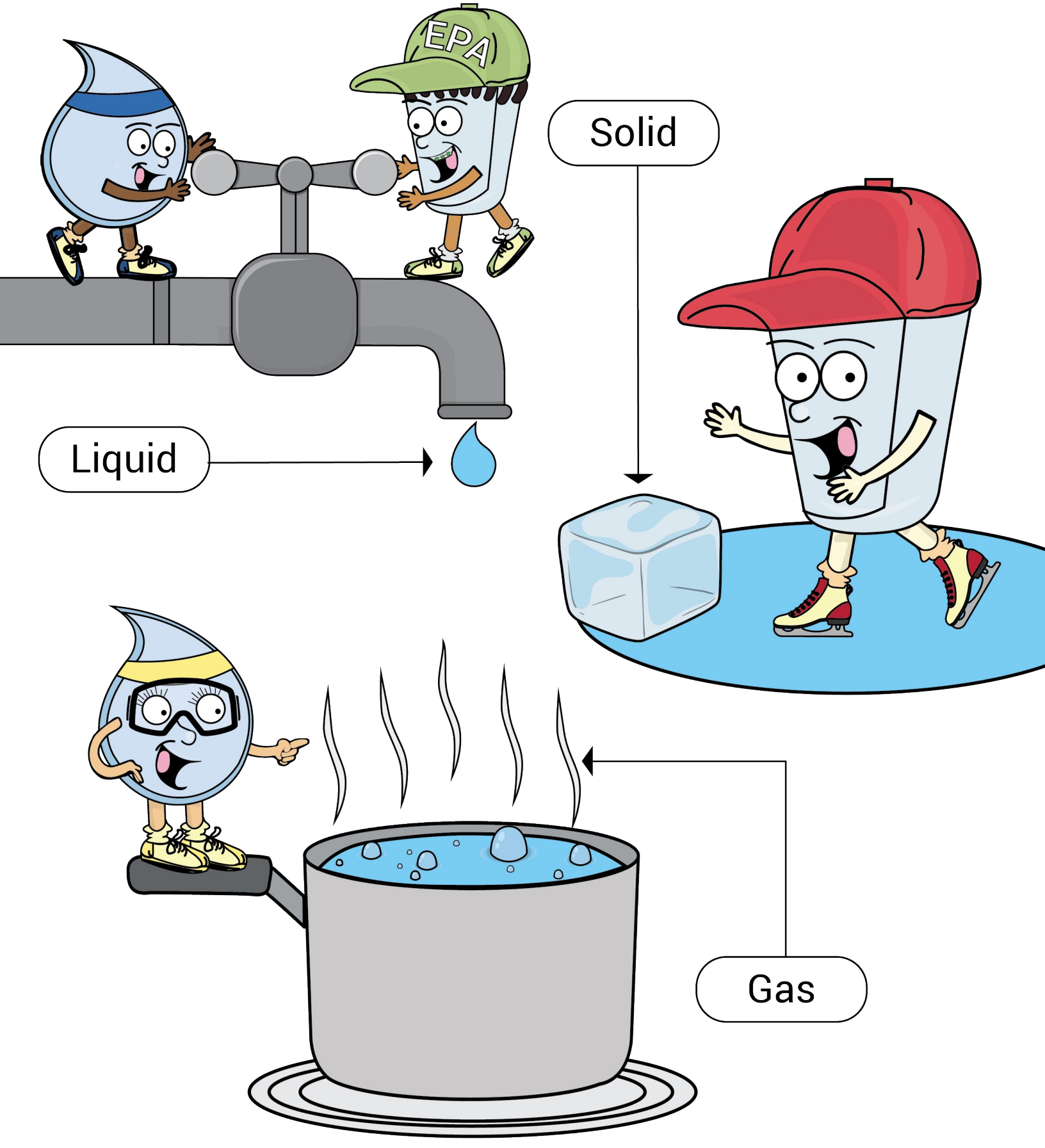


Thirstin's WACKY Water Adventure

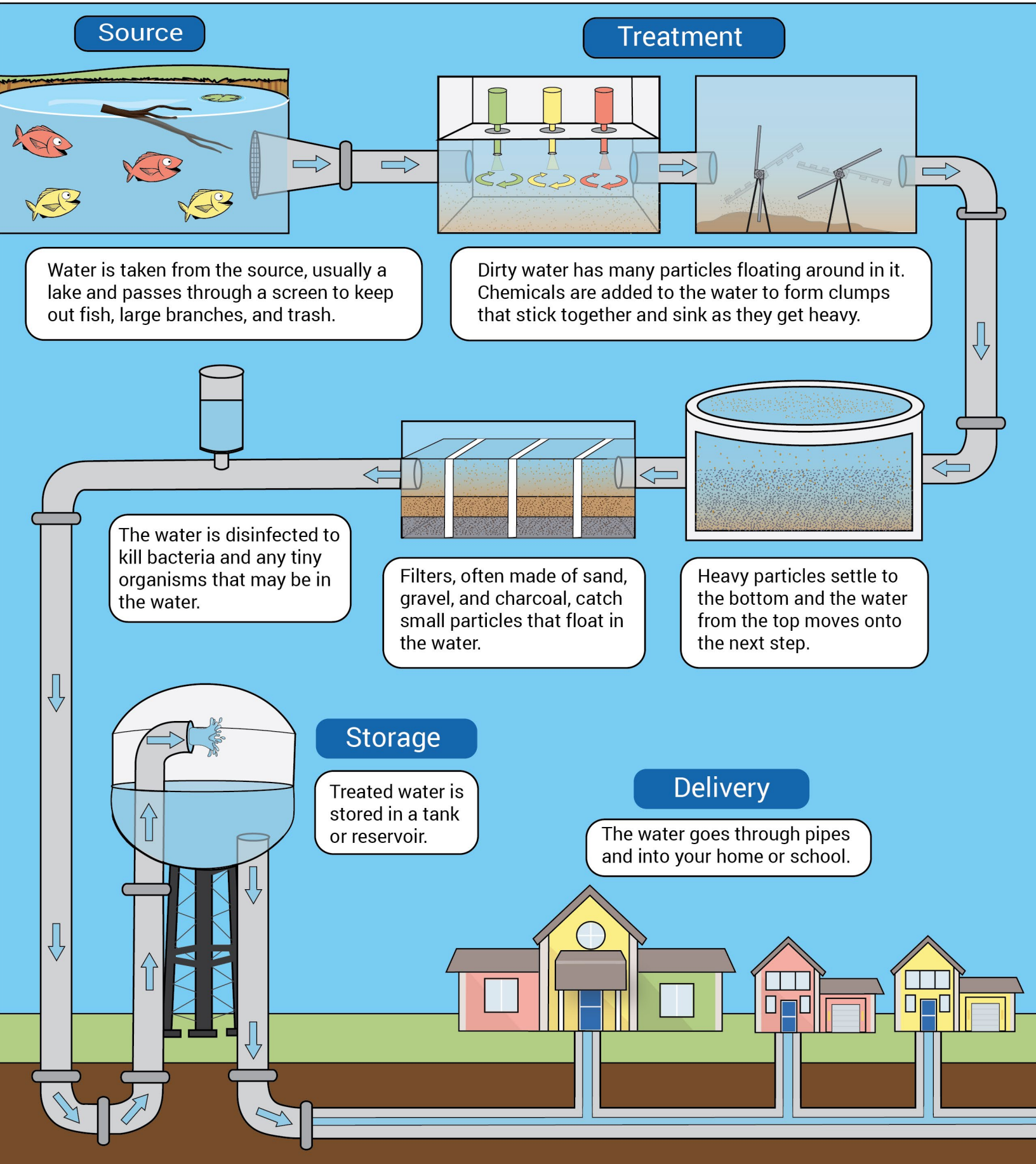
Office of Water (4606M) EPA 816-K-04-002 05/2022 www.epa.gov/safewater

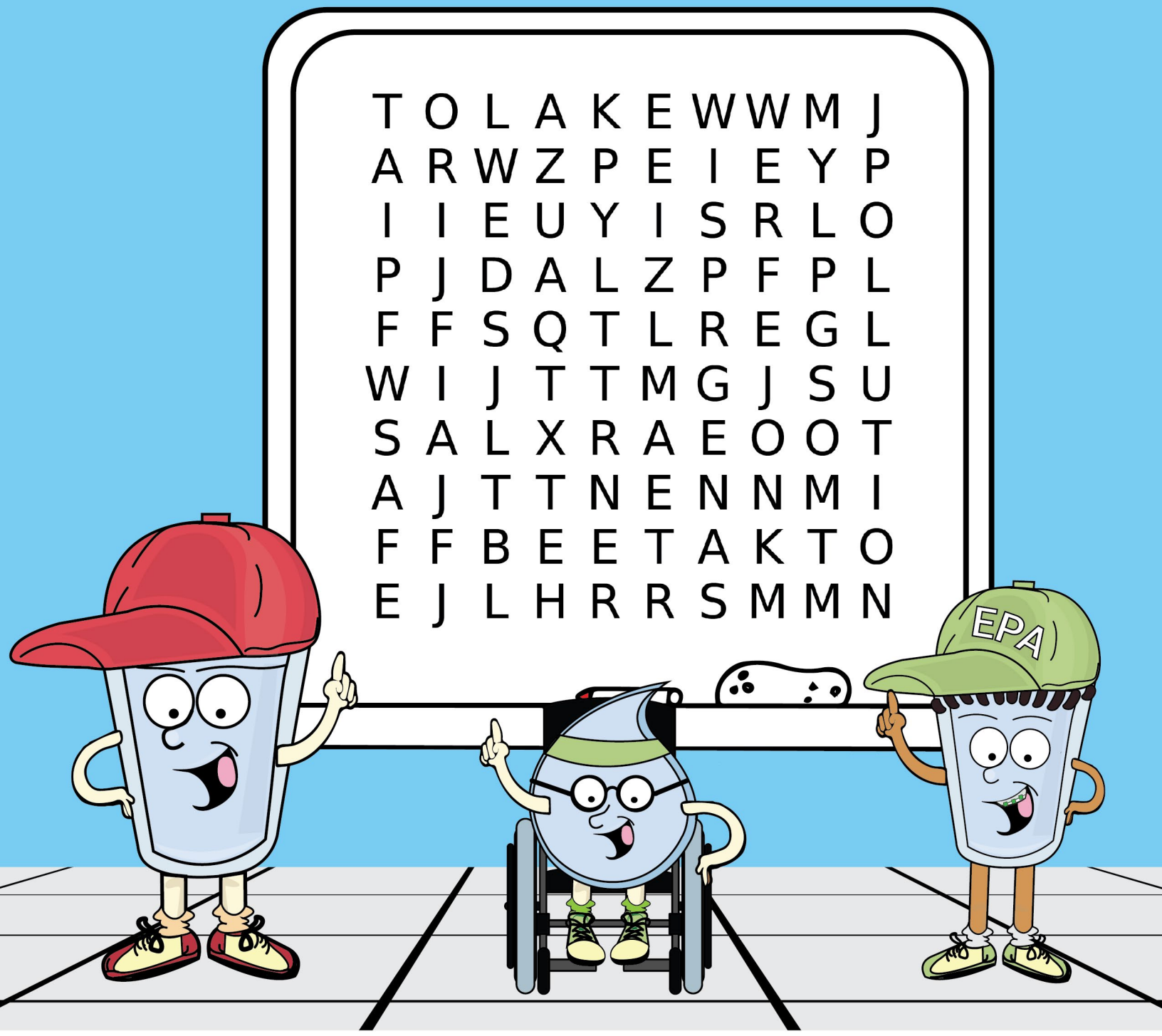
Hello, my name is Thirstin. I am here to talk about protecting and conserving DRINKING WATER.
Follow me and my friends and I'll show you some fun facts and activities about water.
EPA
EPA

Water comes in three different forms:



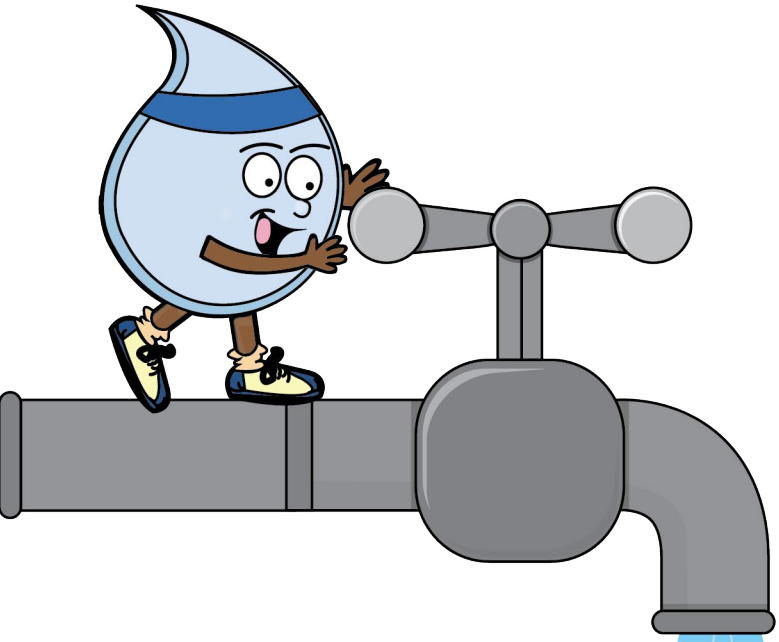
Water can get dirty, so before we can drink it, it must be clean. Water is cleaned at a Treatment Plant and then sent to our homes through pipes.





Find these words:

Stream	Pipes	Water	Tank	Pollution
Filter	Safe	Well	Lake	Treatment

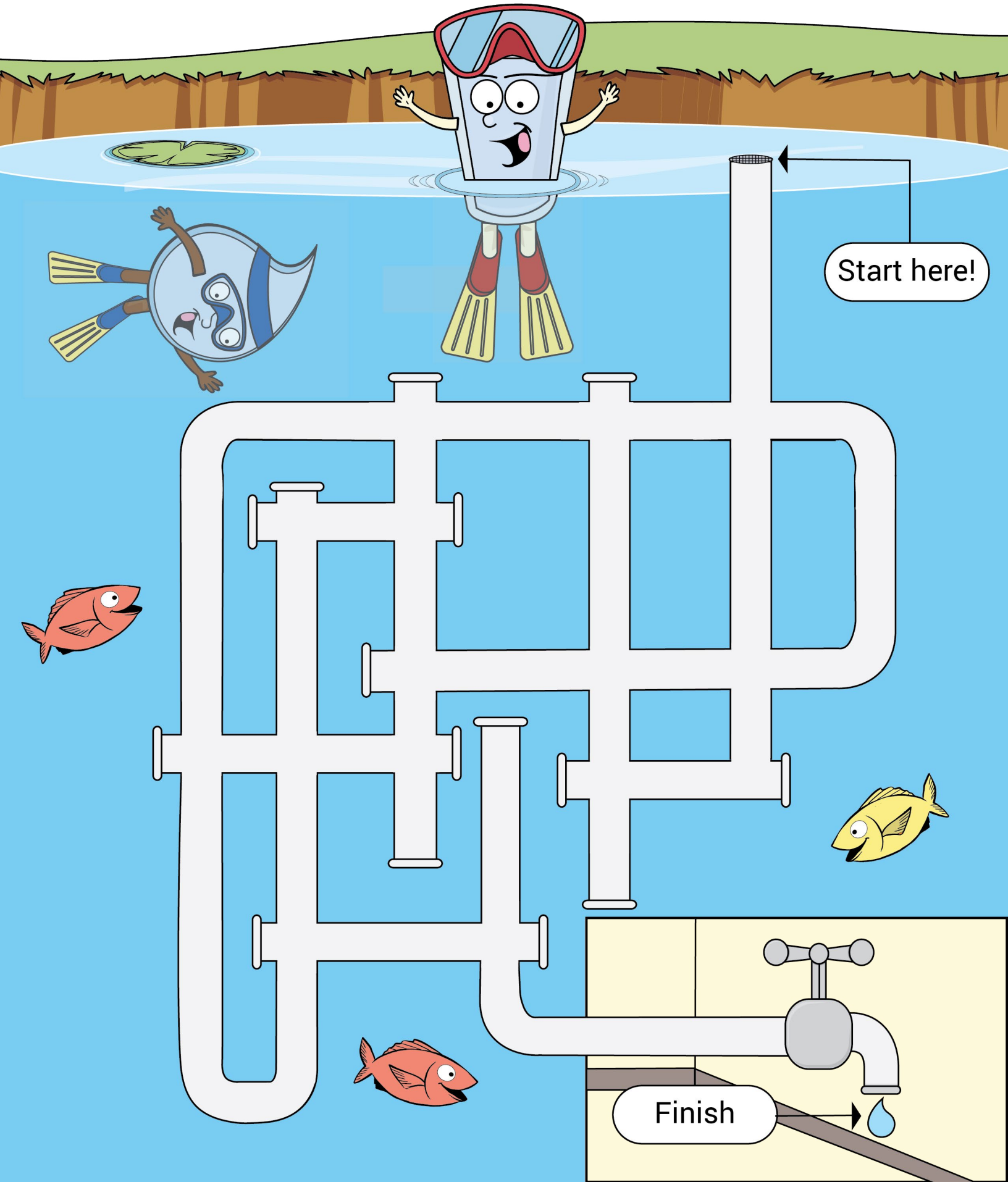


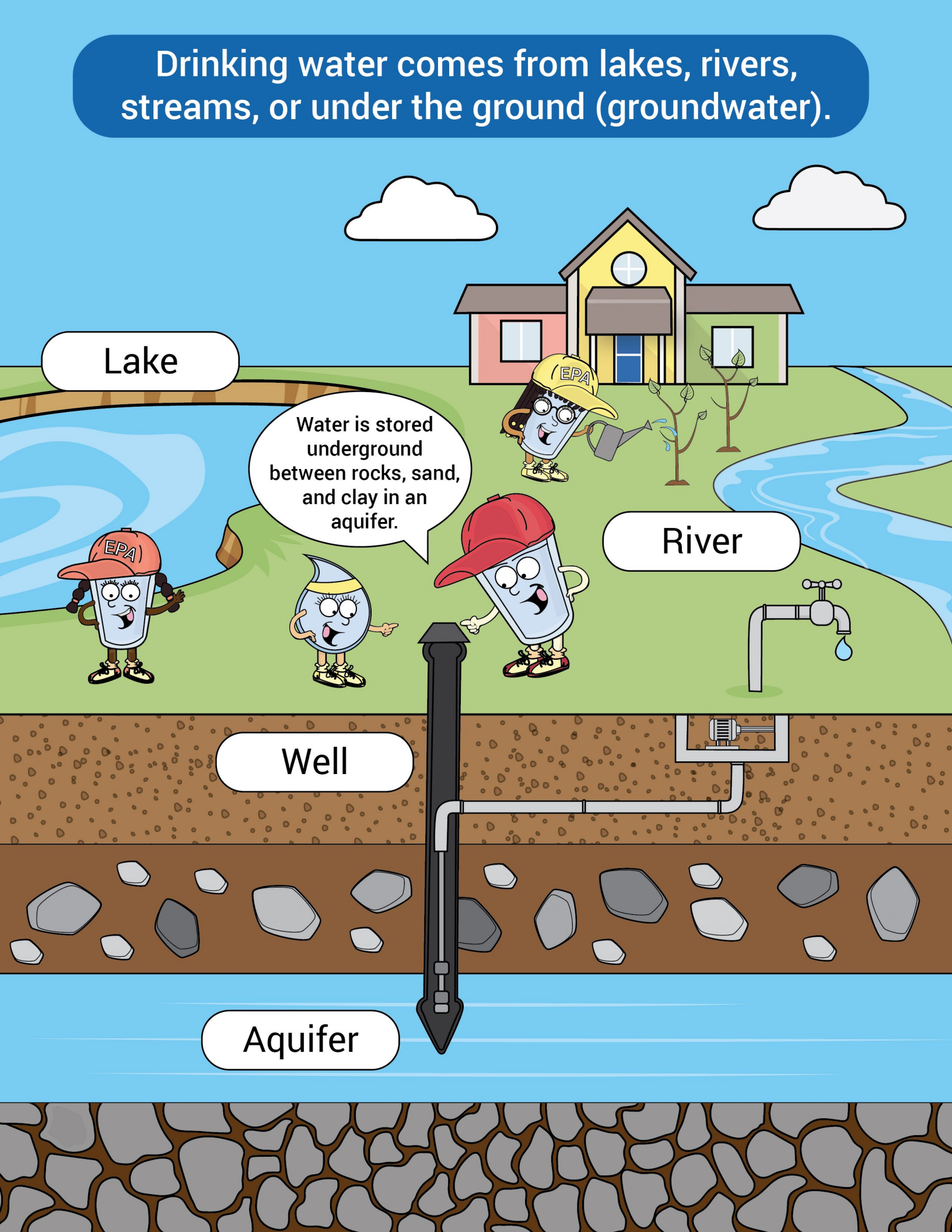
Unscramble the letters

A	W	T	R	E
K	D	I	R	N
	C	I	E	
V	P	A	O	R
R	V	I	E	R
	E	L	A	K

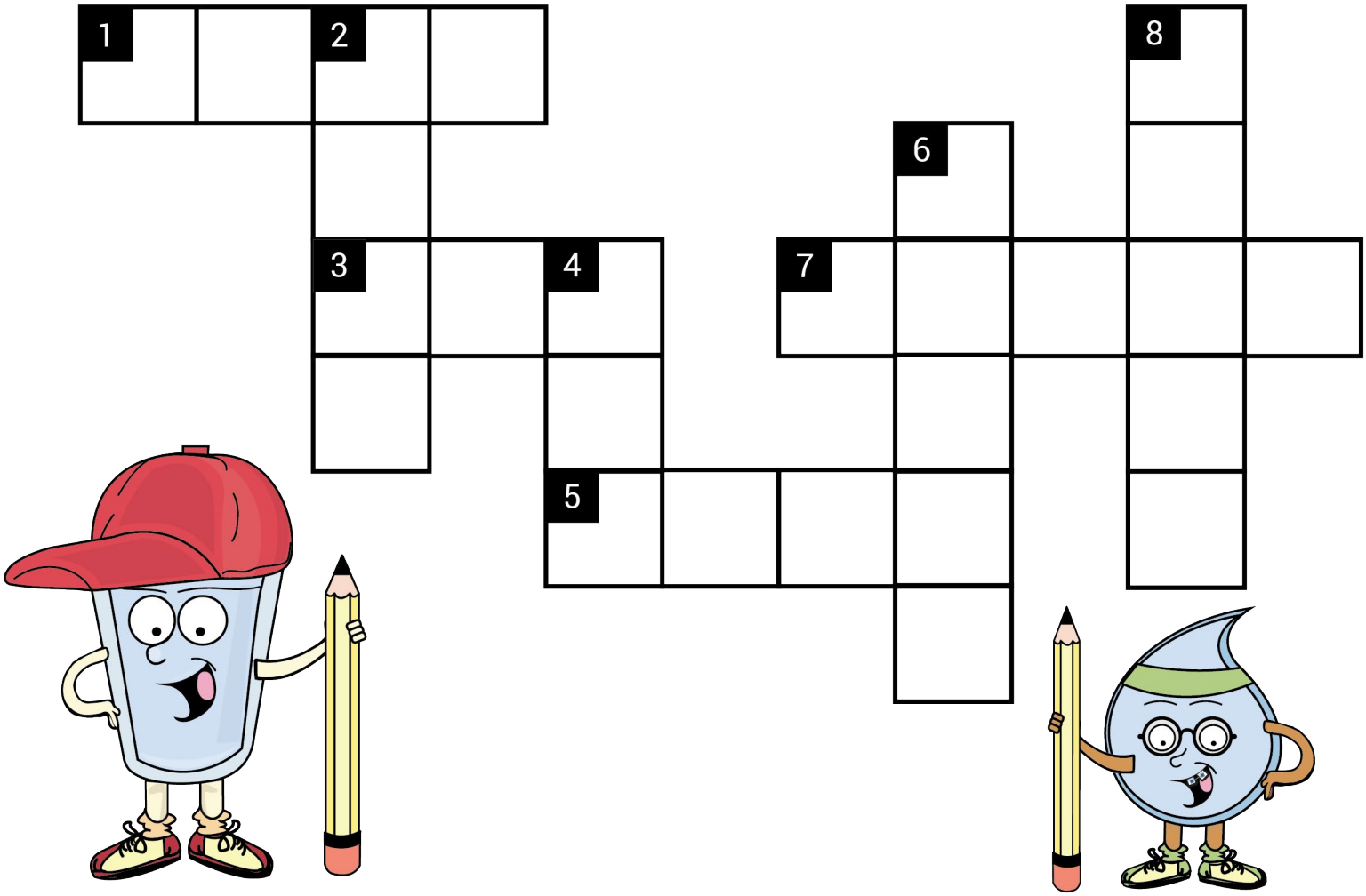
1. ___ ___ ___ ___ ___
2. ___ ___ ___ ___ ___
3. ___ ___ ___
4. ___ ___ ___ ___ ___
5. ___ ___ ___ ___ ___
6. ___ ___ ___ ___

Help the water find its way from the lake to your faucet by following the correct path through the pipes




Drinking water comes from lakes, rivers, streams, or under the ground (groundwater).
Lake
Water is stored underground between rocks, sand, and clay in an aquifer.
River
Well
Aquifer
EPA
EPA

Complete the crossword puzzle to test your knowledge of water.



Across

1. Always ___ ___ ___ ___ your hands before dinner.

3. Add this to water to make it cold.

5. Big body of water.

7. If you have a leaky faucet, get it ___ ___ ___ ___ ___ .

Down

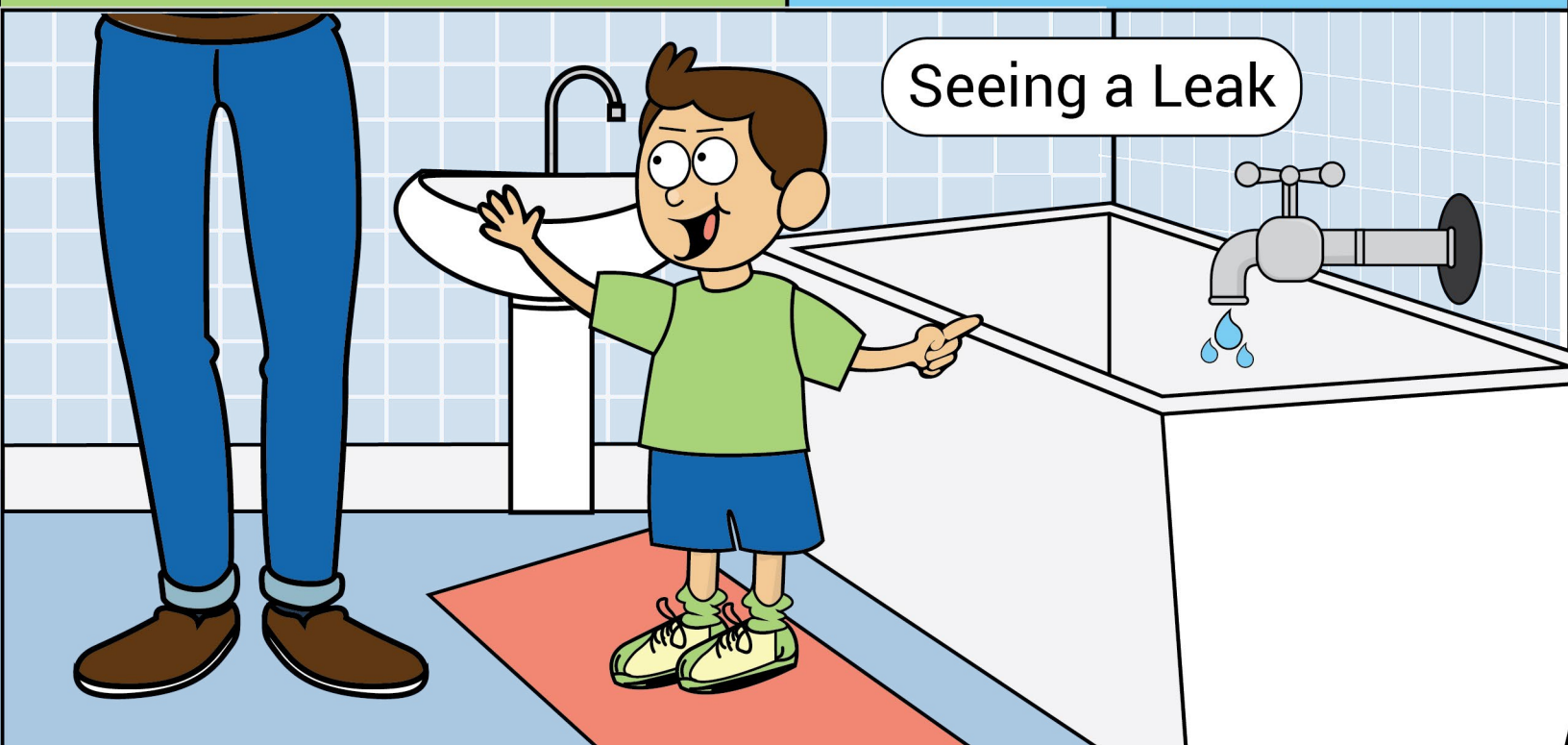
2. People go to the beach to ___ ___ ___ ___ .

4. Snake-like fish.

6. Water travels through these.

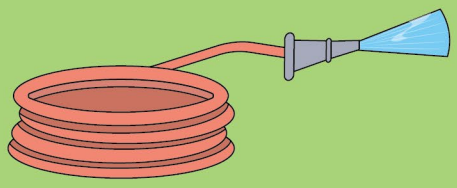
8. When you boil water, ___ ___ ___ ___ ___ rises out of the pan.

How you can help conserve water



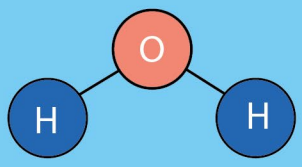
Water Trivia! Fun facts about water...

How much water can a hose waste per minute?



6 gallons

What two elements make up water?



Hydrogen and Oxygen.
2 Hydrogen + 1 Oxygen = H_2O.

How long can a person live without water?

~1 week, depending upon conditions

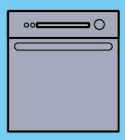
How much water is used when flushing a toilet?

Old models ~ 6 gallons per flush
New models ~ 1.3 gallons per flush

How much water can you save from turning off the sink when brushing your teeth?

4-6 gallons

How much water do you save if you only run the dishwasher when it is full?



320 gallons of water per year

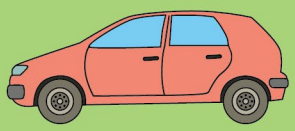
How much water does the average US household use?

~ 300 gallons of water per day

Which uses less water, taking a shower or taking a bath?

A shower uses 10 to 25 gallons while a bath takes up to 70 gallons!

How much water is needed to produce an average car?



39,090 gallons

How much water is needed to grow enough cotton to make one pair of jeans?

1,800 gallons

Where was the first municipal water filtration works opened and when?

Paisley, Scotland in 1832

How much of earth's surface is water?

80%

Remember!

Make a list below of other things you can do to help:

_____ _____

_____ _____

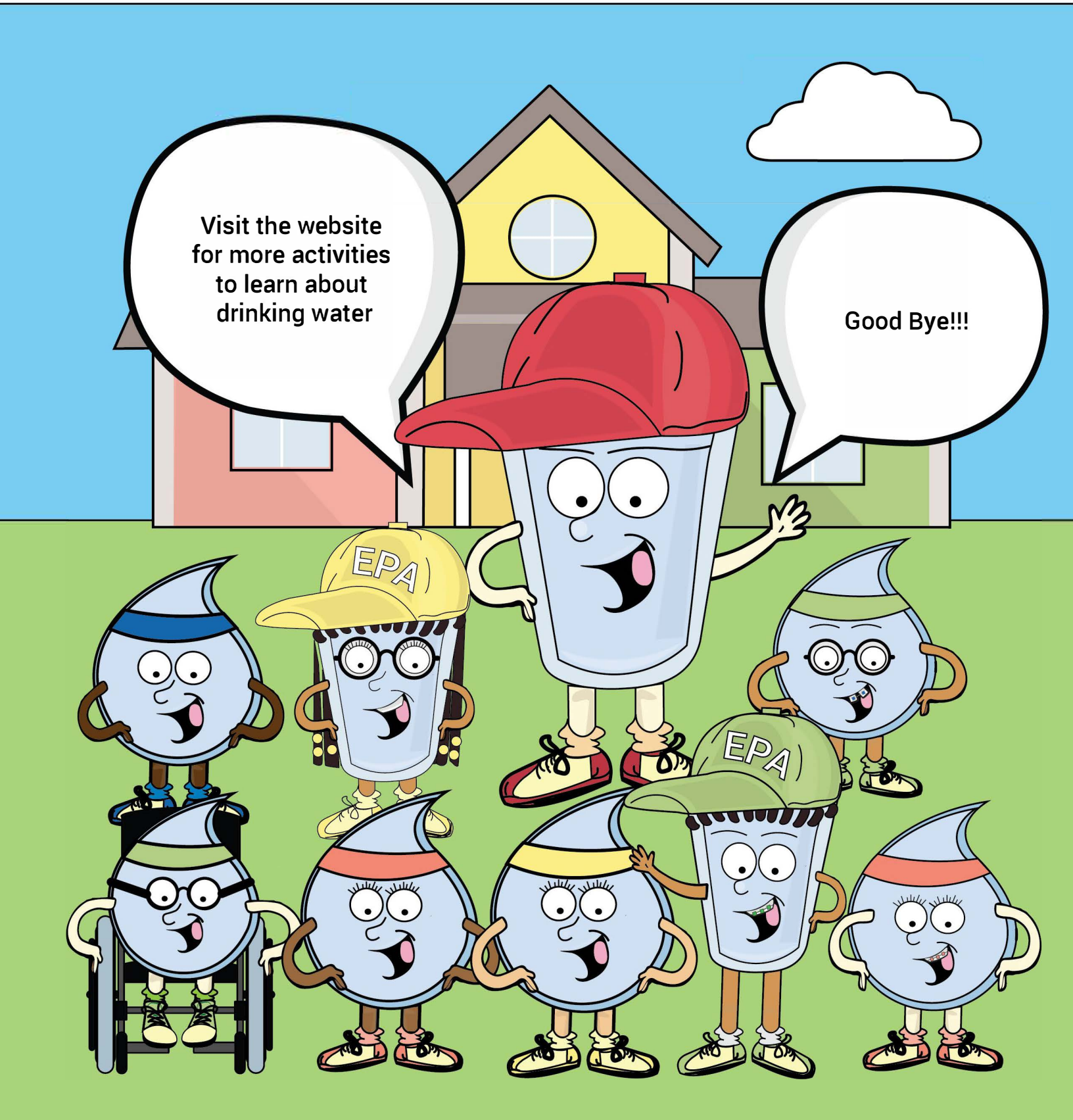
_____ _____

_____ _____

_____ _____

For more information and activities,
visit our website at:

www.epa.gov/safewater



Game Answers

Word Search Game

Word Scramble Game

1. Water
2. Drink
3. Ice
4. Vapor
5. River
6. Lake

Crosswords Games

Across

1. Wash
2. Ice
5. Lake
7. Fixed

Down

2. Swim
4. Eel
6. Pipes
8. Steam