



# Are You Ready?

Listen to me. → → Eyes on me. ← ←



# How Water Changes



# You are going to learn:



**Topic: Materials — How water changes**



**Words: liquid, change, solid, steam**



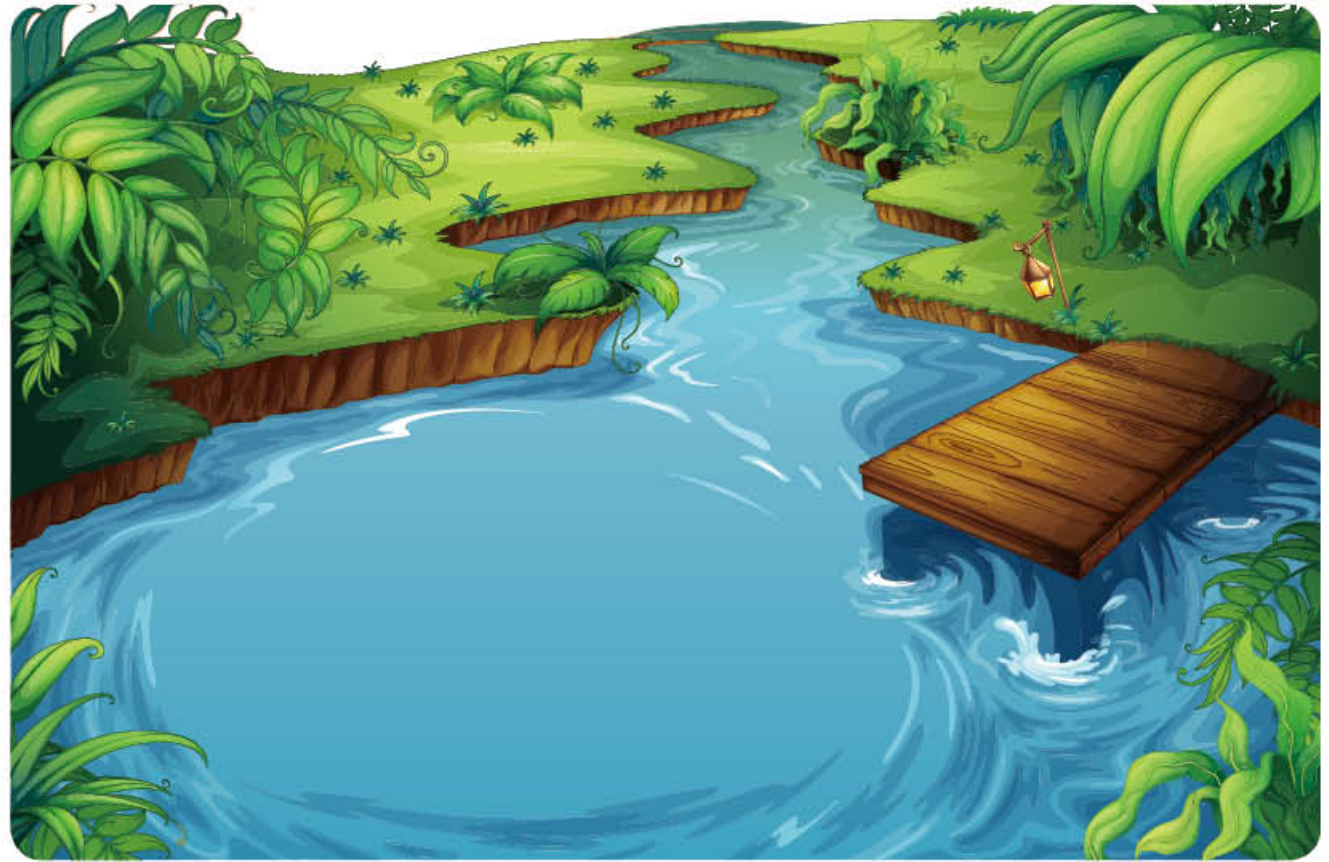
**Sentence pattern: ... change into...**





What runs but never gets tired?

Can you  
guess?



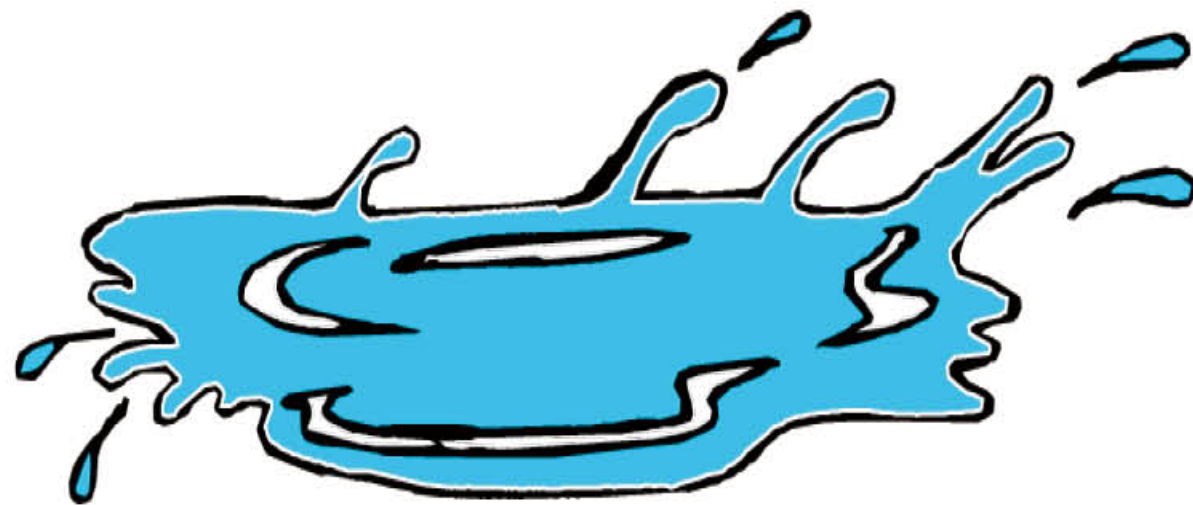
# Let's prepare!





Water is **liquid**.

**liq·uid**



Which is not liquid?

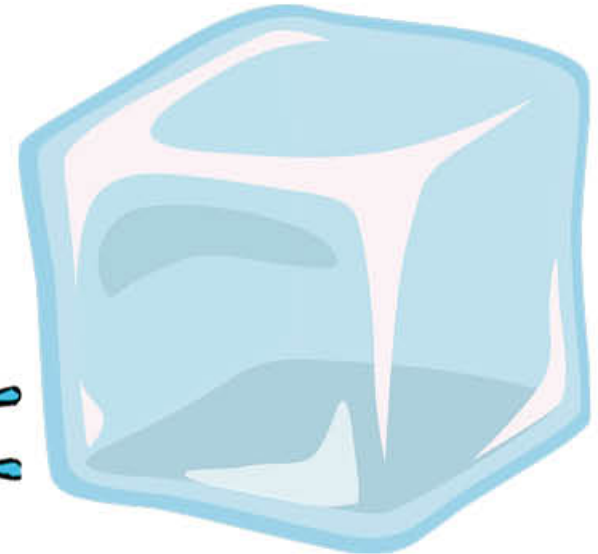


Ice is the **solid** form of water.

**sol·id**



liquid



solid



Which one is solid food?



There is **steam** rising from the kettle.

**steam**



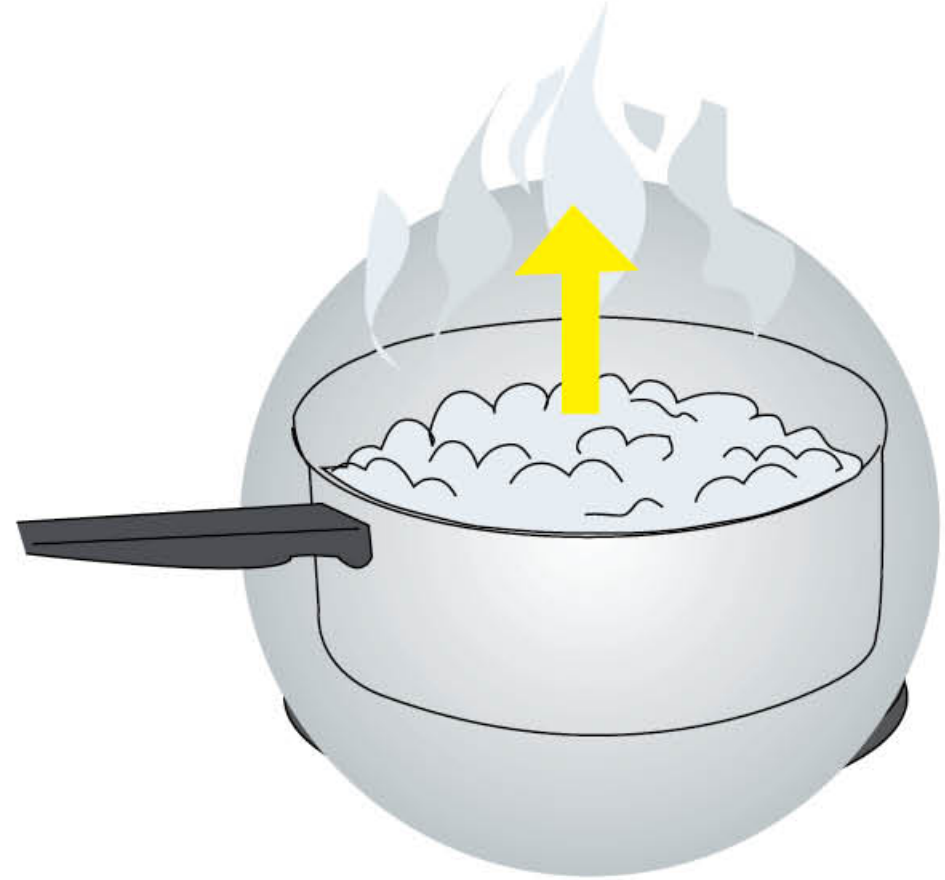
What can you see rising from the hot tea?





When water boils, it  
**changes** into steam.

**change**



What does water change into when it freezes?

# Let's read !





**Water covers 71% of the earth's surface.  
It is very important for our lives. But do  
you know the different forms of water?**



What covers most areas of the earth?



## Liquid

Water stays in a **liquid** form when it is between 0-100 degrees Celsius. Most of the earth's water is in liquid form. We drink water and we wash with it. We swim in it, too. We see water when it rains, and we see it in our oceans, lakes, and rivers.



What form is water in when the temperature is 10 degrees Celsius?

## Solid

When the temperature is at or below 0 degrees Celsius, liquid water **changes into** ice. For example, rain **changes** into snow or ice when it is very cold. Snow and ice cubes are both a solid form of water. But if you make ice cubes in the freezer and then put them in a hot drink, the ice warms and starts to melt. Melting makes them liquid again.



When does water change into a solid form?





## Steam

When we use a kettle to boil water and the temperature reaches 100 degrees Celsius, water changes into **steam**. And when steam cools down, it changes back into a liquid form.



What can you see when you boil water?





**Now we know that water changes at different temperatures. But one thing doesn't change — water is still an important resource on earth and we should use it carefully.**



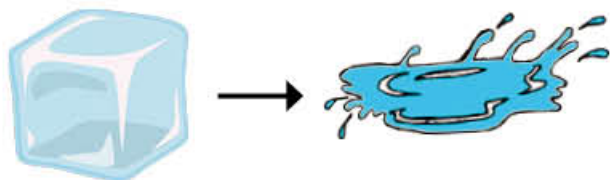
Why should we use water carefully?

# Let's practice !





# Match and say.



**solid**

Ice is the solid form of water.



**liquid**



**change**



**steam**





# Recall and answer.



water form



temperature

0 °C ~ 100 °C

Water is liquid when the temperature is between...



# Recall and answer.



Can you tell me how water changes form?



$0\text{ }^{\circ}\text{C} \sim 100\text{ }^{\circ}\text{C}$



$\geq 100\text{ }^{\circ}\text{C}$



$\leq 0\text{ }^{\circ}\text{C}$

Water is liquid when...



Water changes into a solid form when...



Water changes into steam when...



# Writing Preparation.



$\geq 100\text{ }^{\circ}\text{C}$



$0\text{ }^{\circ}\text{C} \sim 100\text{ }^{\circ}\text{C}$

## Let's talk!

What do you know about the forms of water? Let's talk about how steam changes into liquid water.



**Hints:** cool down,  $0\text{ }^{\circ}\text{C} \sim 100\text{ }^{\circ}\text{C}$



# Writing Project.



$\geq 100\text{ }^{\circ}\text{C}$



$0\text{ }^{\circ}\text{C} \sim 100\text{ }^{\circ}\text{C}$

Let's write!

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**Hints:** cool down,  $0\text{ }^{\circ}\text{C} \sim 100\text{ }^{\circ}\text{C}$

# Today I learned:

## Topic

Materials —  
How water changes

## Words



liquid



change



solid



steam

## Sentence



When the temperature is at or below 0 degrees Celsius, liquid water **changes into** ice.



GOODBYE!



51 TALK