



Water exists in three  
different phases:



ice(solid)



water(liquid)



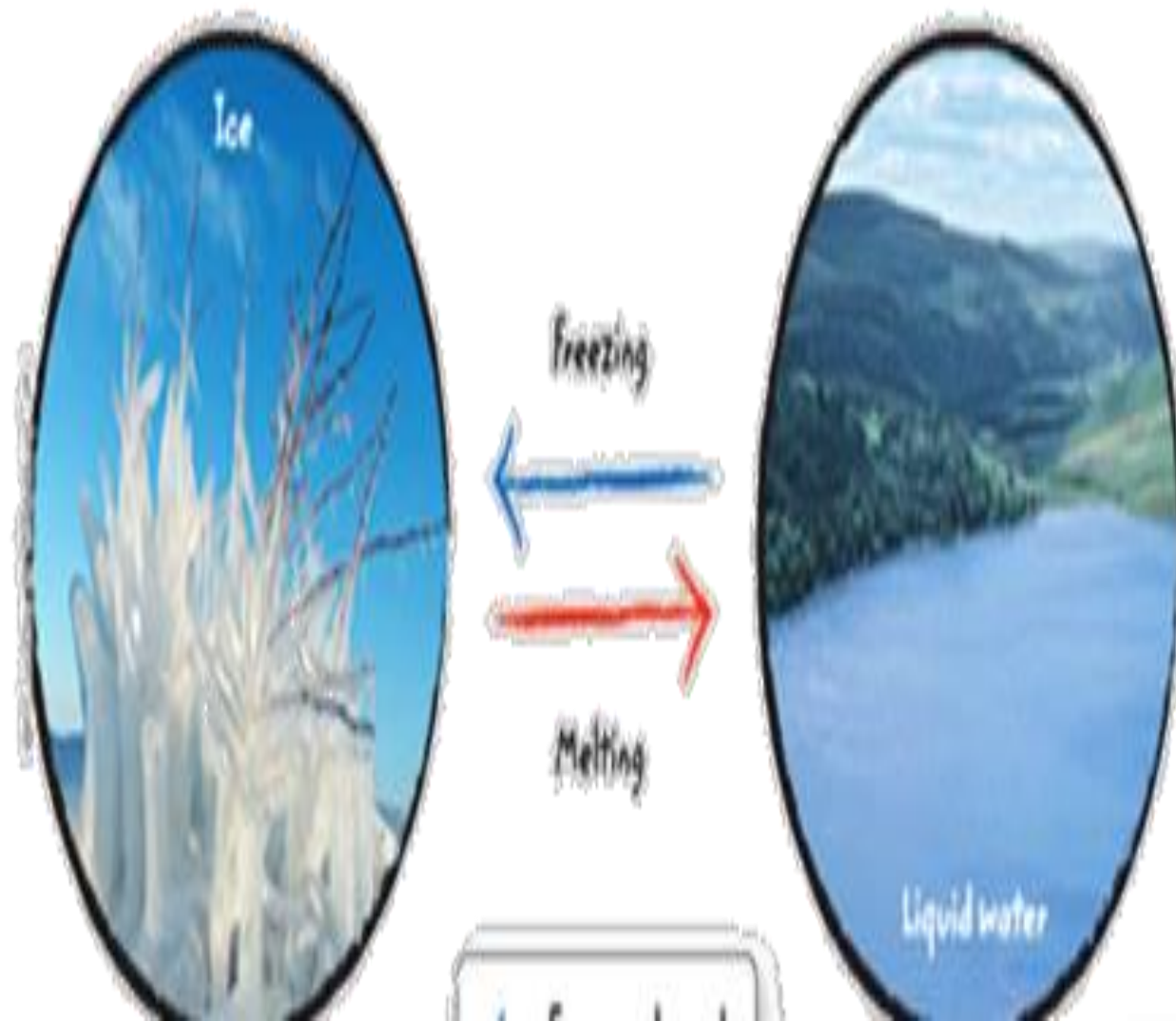
steam(gas)

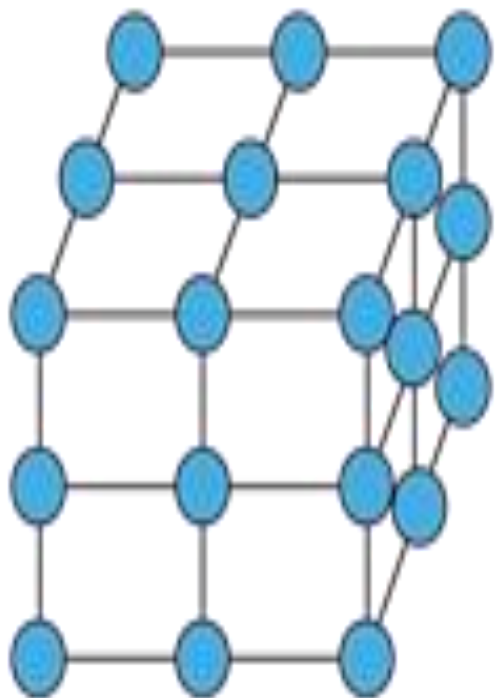


# What is a change in State?

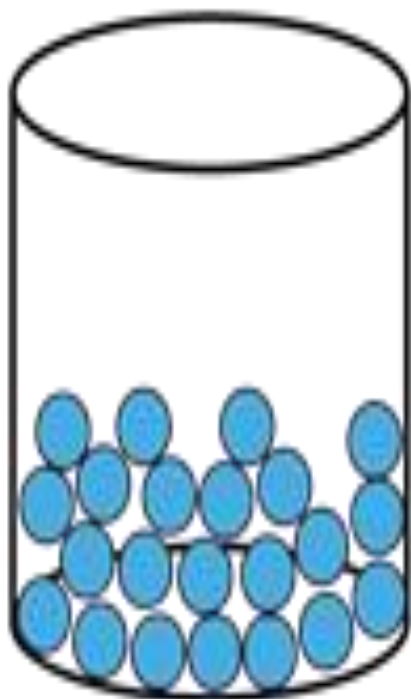
- **Changes in States**

- A change of a substance from one physical state to another.

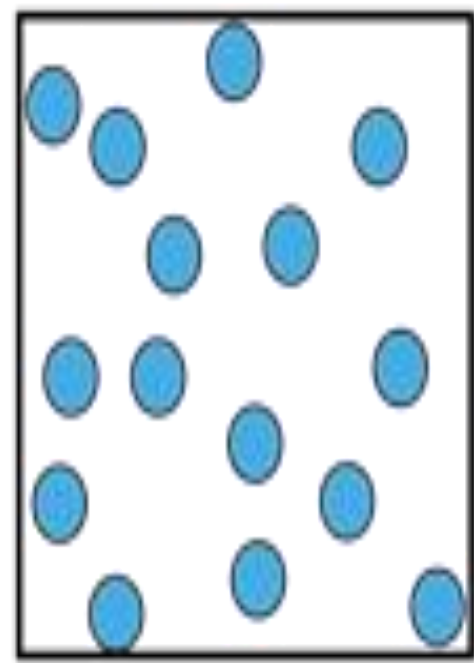




Solid



Liquid



Gas

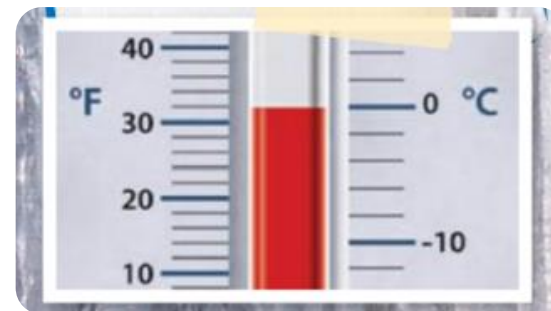


heat





- **Melting**
  - Solid becomes liquid.









- **Boiling**
  - liquid becomes gas.



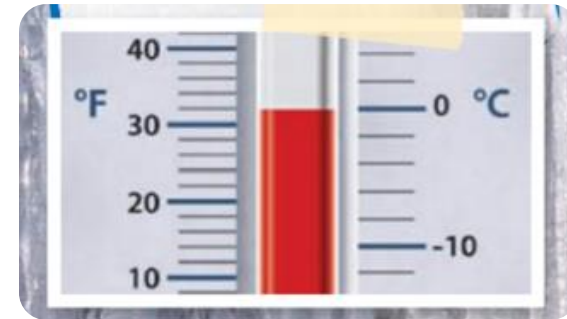
A large, light green, cloud-shaped graphic with a thin dark outline, centered on a white background. Inside the cloud, the text "What happens to the water when you put it in the freezer?" is written in a bold, rounded font. The word "water" is yellow, "freezer" is blue, and the rest of the text is dark blue/black.

What happens to the  
water when you put it  
in the freezer?





- **Freezing**
  - Liquid becomes solid.



Heat  
changes

**solid**

into

**liquid**



Heat  
changes

**liquid**

into

**gas**



Cooling  
changes

gas

steam(.....phase)

into

liquid

(.....phase)



Cooling  
changes

liquid

water(.....phase)

into

solid

(.....phase)





1. cooling

or

2. heat changes

**liquid**

water(.....phase)

into

**solid**

(.....phase)



1. cooling  
or

2. heat changes

**liquid**

into

**gas**



1. cooling  
or

2. heat changes

**solid**

into

**liquid**



1.cooling

or

2.heat changes

gas

steam(.....phase)

into

liquid

(.....phase)

