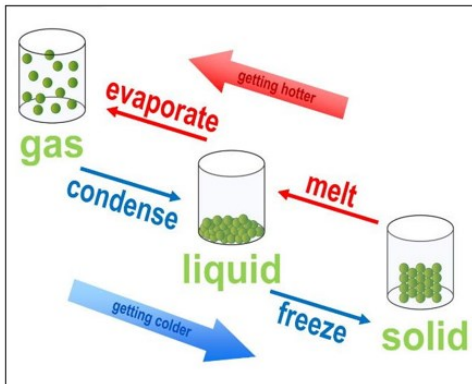


What is a state of matter?

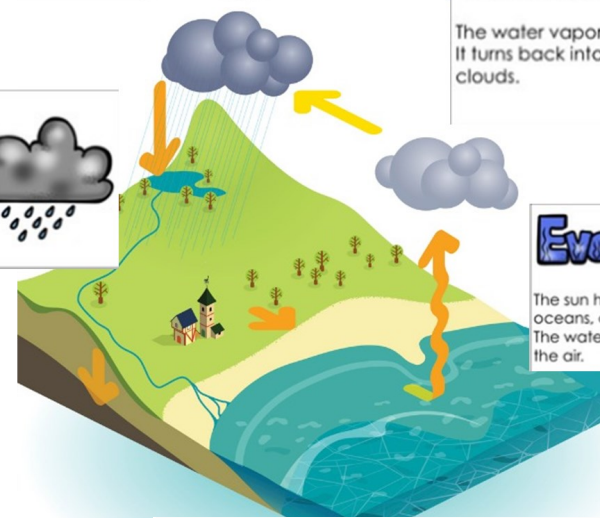


Precipitation

The cloud gets heavy and can no longer hold the liquid. Soon, rain, snow, sleet, or hail falls.



The Water Cycle



Condensation

The water vapor gets cold. It turns back into liquid and forms clouds.



Evaporation

The sun heats up water in rivers, lakes, oceans, and other bodies of water. The water vapor or steam goes into the air.

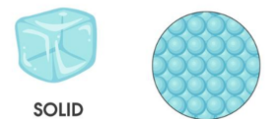


Vocabulary	Definition
Boiling	Heating to 100°celsius
Cooling	Lowering the temperature
Evaporation	A liquid changes to a gas
Experiment	A test of an idea or question.
Freezing	Cooling to 0°celsius
Gas	Do not have a shape and fill any container
Heating	Raising the temperature
Liquid	Changes shape and fits the shape of any container
Solid	Does not change shape on its own. It is rigid.
Science	The study of the world around us.

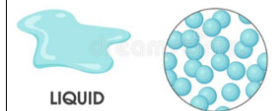
Solids, Liquids and Gases

All matter exists in three states: solids, liquids and gases.

SOLIDS
 -Solids hold their shape
 -Solids are rigid
 -Solids have a fixed volume
 Examples include ice cubes, rock, glass and most metals.



LIQUIDS
 -Liquids do not hold their shape
 -They are not rigid
 -However, they have a fixed volume.
 Examples include water, oil, blood and milk



GASES
 -Gases do not hold their shape
 -They are not rigid
 -They do not have a fixed volume.
 Examples include oxygen, carbon dioxide and helium.

