

Key Vocabulary	
Matter	anything that has mass and takes up space
State of matter	Whether matter is in the form of a solid, liquid or gas.
Particles	Everything around us is made of particles. These cannot be seen.
Water vapor	Water that has changed state into a gas.
Melt	When a solid turns into a liquid.
Freeze	When a liquid turns into a solid.
Evaporate	When a liquid turns into a gas
Condense	Gas turns into a liquid
Precipitation	When liquid or solid fall from a cloud in the form of rain, hail, snow or sleet.

States of matter	
There are three states of matter: solid, liquid and gas.	
Particles in Solids can only vibrate and can not go past each other.	
Particles in liquids are close together. However, they can move past each other.	
Particles in gases are spread out and can move freely.	

1. Water from puddles, lakes, rivers and the sea evaporates from the heat of the sun and turns into water vapor.
2. The water vapor rises and condenses into water droplets in the clouds.
3. When the droplets get too heavy, they fall back to earth as rain, sleet, hail or snow. This is called precipitation.

Changes of states	
Melting point	The temperature at which a solid turns into a liquid.
Freezing point.	The temperature at which a liquid turns into a solid.
Boiling point	The temperature at which a liquid turns into a gas.
Melting	
Freezing	
Boiling	<p>Boiling happens to all of a liquid at once and occurs only when a liquid is heated to one specific temperature, its boiling point.</p>
Evaporation	<p>Evaporation occurs below the boiling point of the liquid, but it can only happen to the particles at the surface of the liquid.</p>

