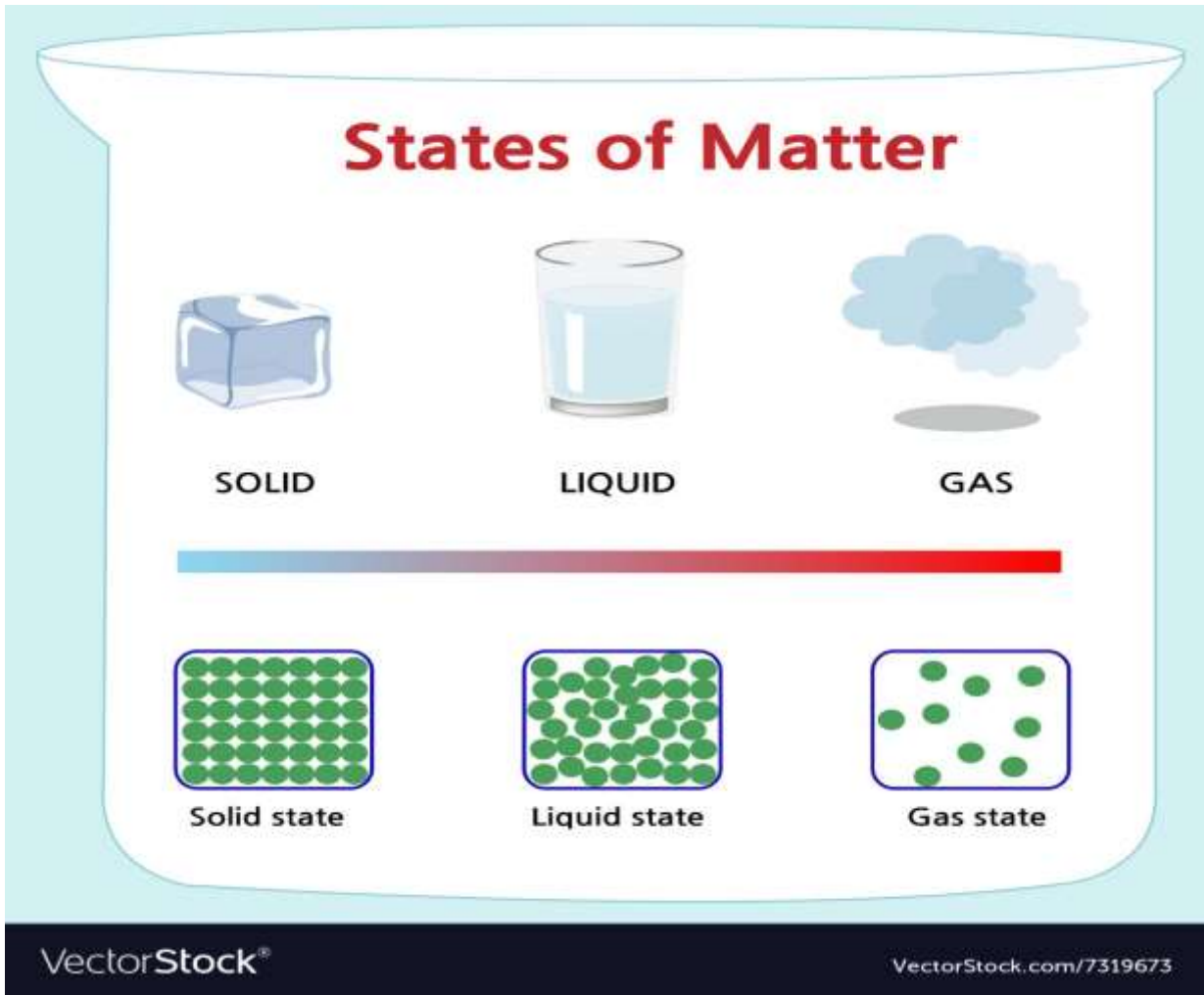


Matter is everything around us. Matter is anything that has **weight** and takes up space (volume).

Matter can be in **three states/conditions**. It can be a **solid, a liquid or a gas**.

Matter consists out of tiny little parts close to each other called particles, these small parts/particles cannot be seen with your eye and are called atoms and compounds.

Matter can also **change** from one state/condition to another. For example, water is a liquid (particles are apart from each other), but it can change into a gas (particles move further away from each other), which we call steam, when it is boiled in a pot. Water can also change into a solid (particles are very close to each other) when it is placed in the freezer, then it can become an ice cube.



1. Answer the following questions by reading the information in the cloud and by looking at the illustration about the different states of matter?

- 1.1 What is matter?.....

- 1.2 Name the three states of matter?

- 1.3 Can matter change from one state to another?.....
- 1.4 What is a particle?.....

- 1.5 Can particles be seen with your eye?.....

1.6 Into what state of matter does an ice cube (solid state) change into when it is placed in a pot and the pot is left in the sun?.....

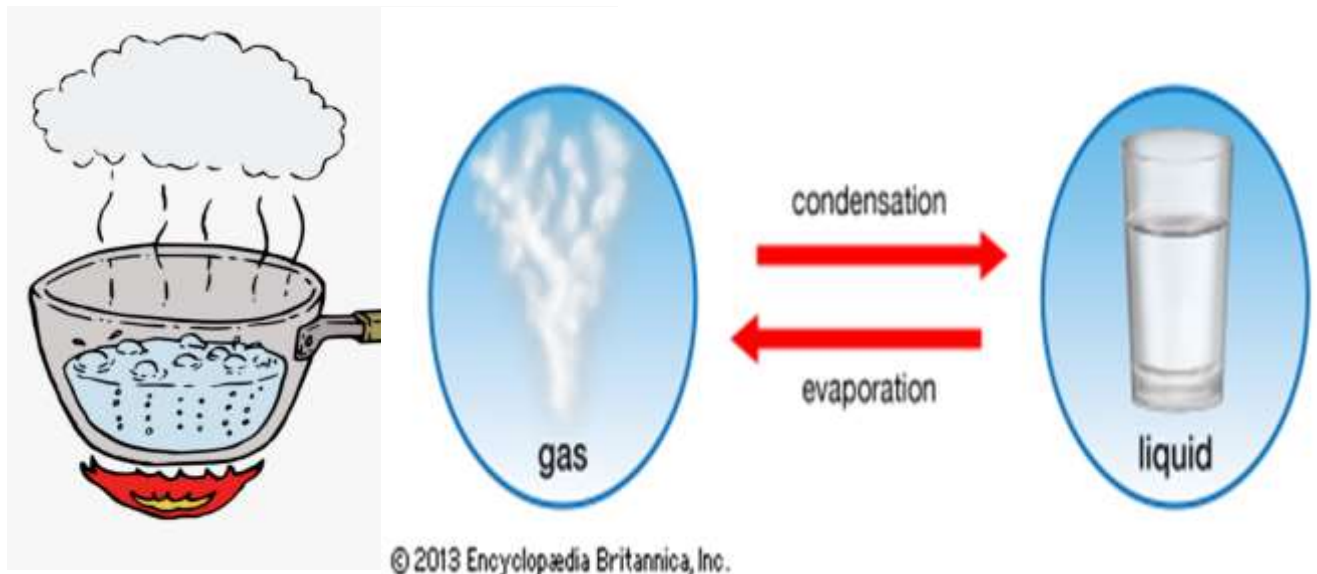
1.7 Into what state of matter does water (liquid state) change into when it is boiled in a pot on the stove?.....

1.8 Can water (liquid state) change into a solid state?.....

1.9 What happens when heat is added to an ice cube?.....

.....

Look at the pictures below and answer 1.10 and 1.11



1.10 What do you call the process where gas changes into a liquid?.....

.....

1.11 What do you call the process when heat is added to liquid(water) and the water changes into gas?.....