

Topic: → Matter

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Topic

Matter: → Anything occupies space and has a mass are called matter.

State of matter: → (1) Solid (2) liquid (3) gas

(i) Solid State: → * The space between the particles is very less.

* The force of attraction between the particles is strong.

* Their shape, size, volume, mass are fixed.

(ii) Liquid State: → * The space between the particles is slightly more as compared to solids but still very less as compared to gases.

* The force of attraction between the particles is strong enough to hold the particles together but less than solid and greater than gases.

* * They cannot be compressed much.
* Their shape is not fixed but volume and mass is fixed.

(iii) Gas State: → * The particles are much farther apart from one another as compared to solid and liquid.

* The force of attraction between particles is negligible.

* Gases neither have a definite shape nor a definite volume, * Gases are compressed easily.

Q: → Write Difference b/w solid liquid and gas in Table form and write 3 examples of each.