

Alavi

21st Century Schools

Alavi

ODI 3

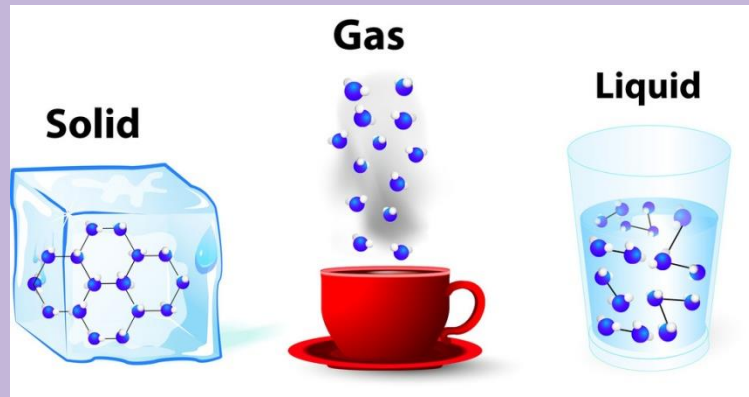
Science

Ms.Abdollahi

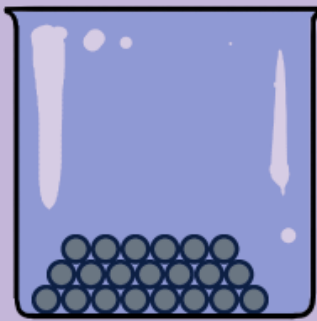




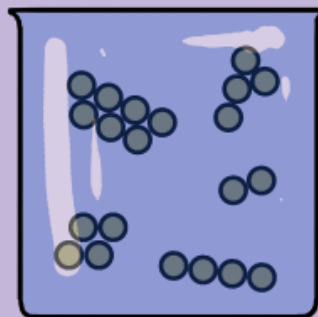
I like science



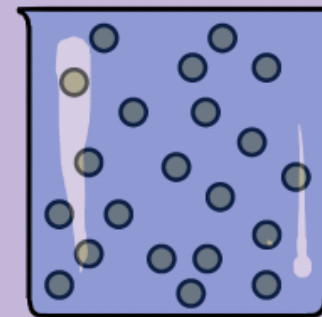
States of Matter



SOLID

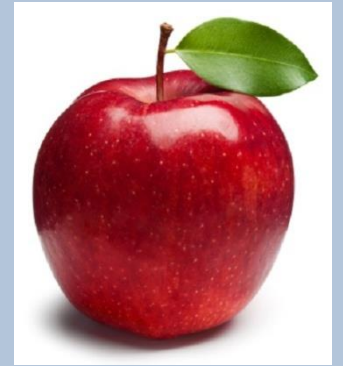


LIQUID

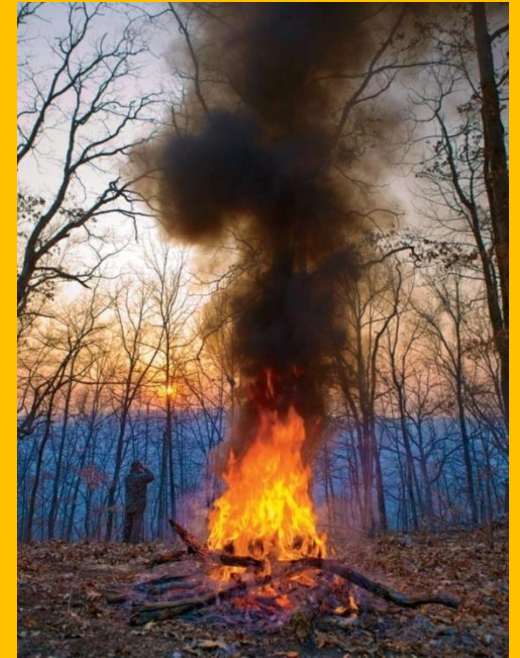


GAS

Solid



Gas



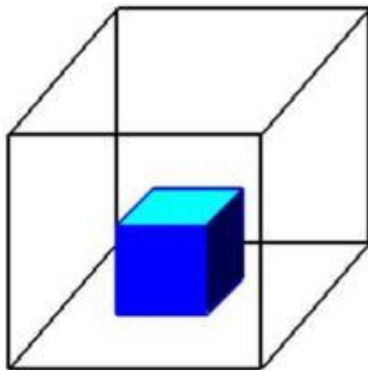
Liquid





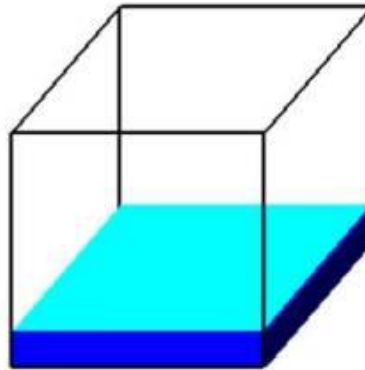
Phases of Matter

Glenn
Research
Center



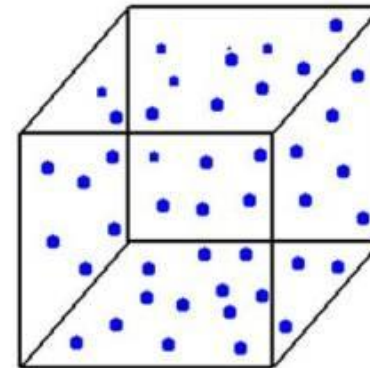
Solid

Holds Shape
Fixed Volume



Liquid

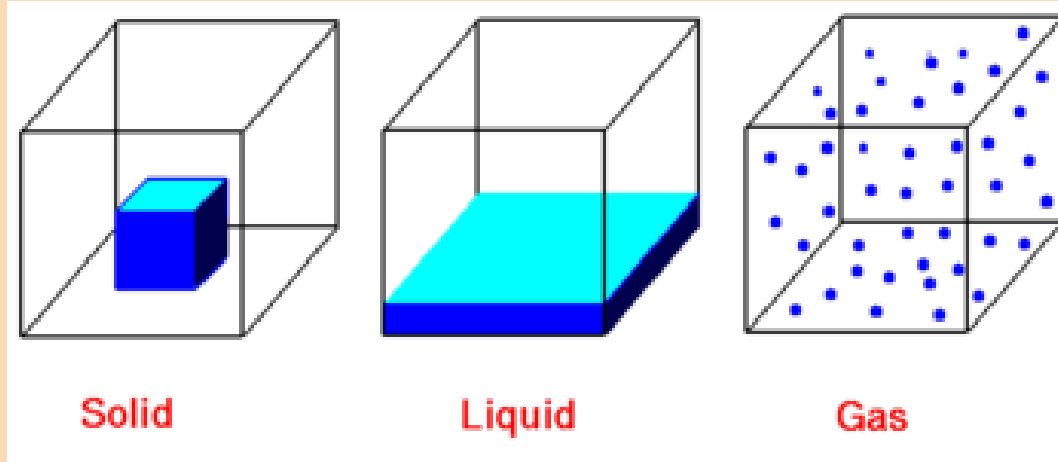
Shape of Container
Free Surface
Fixed Volume



Gas

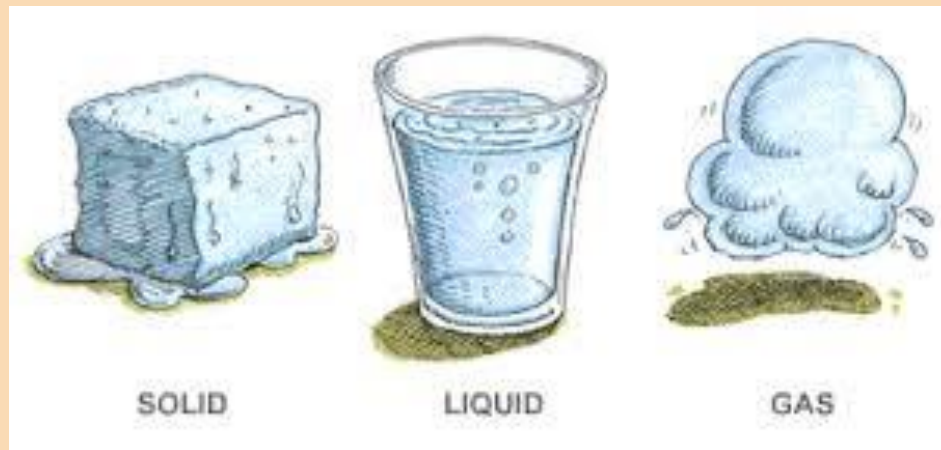
Shape of Container
Volume of Container

States of Matter

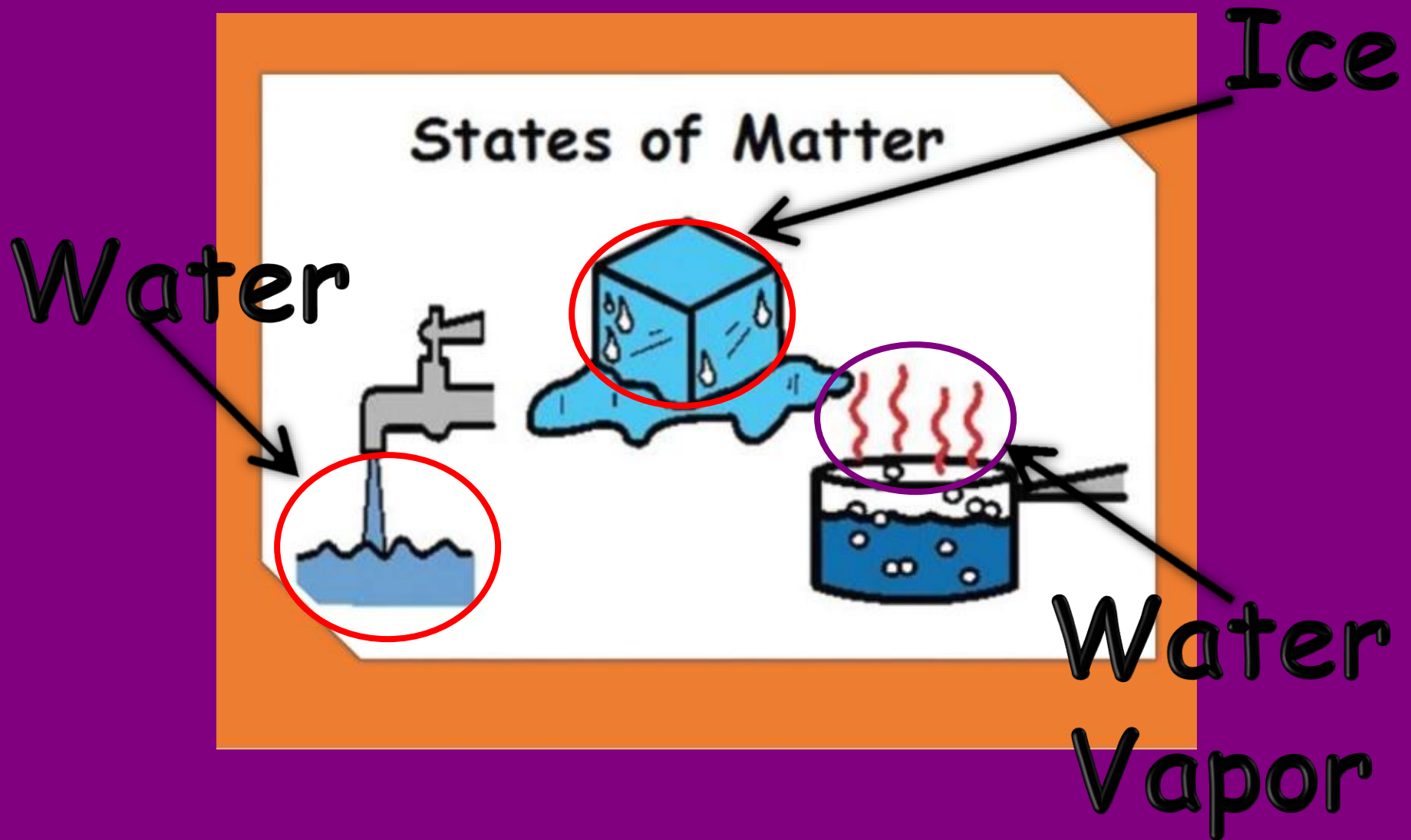


Cold

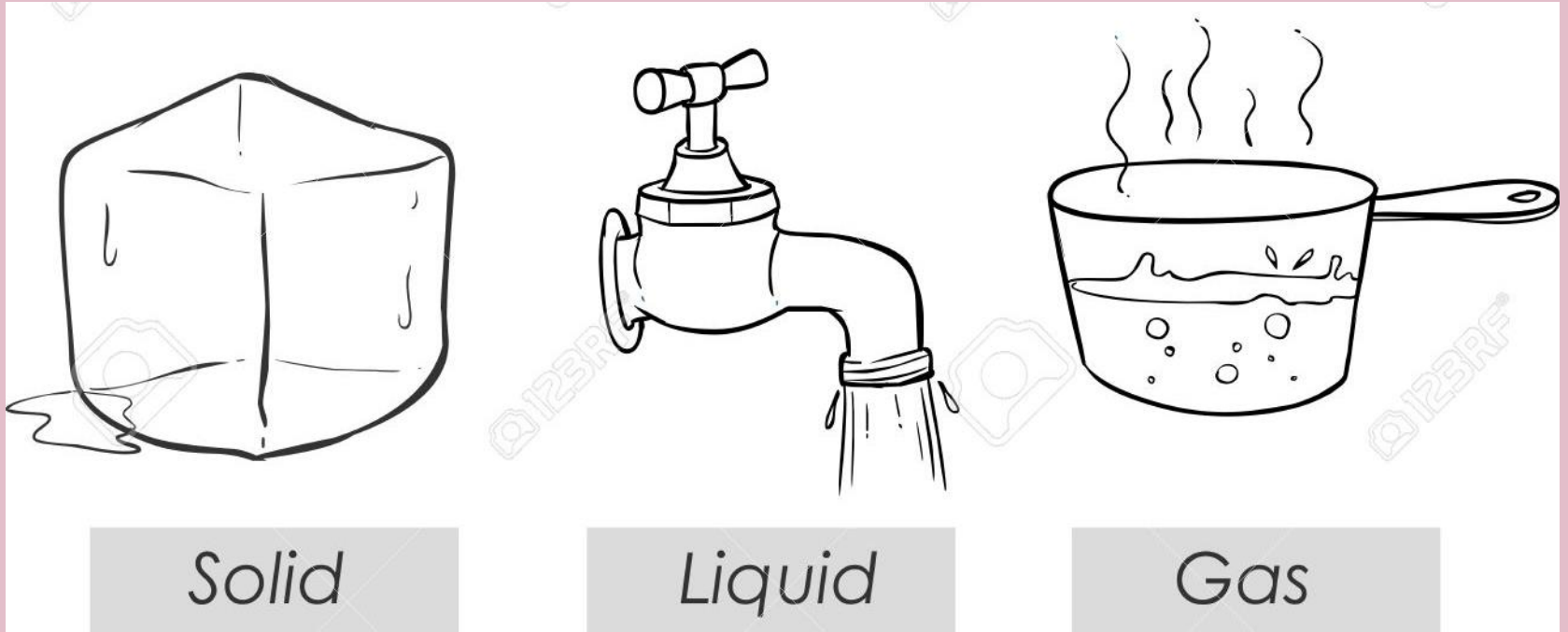
Hot



States of Water



States of Water



Solid
Ice

Liquid
Water

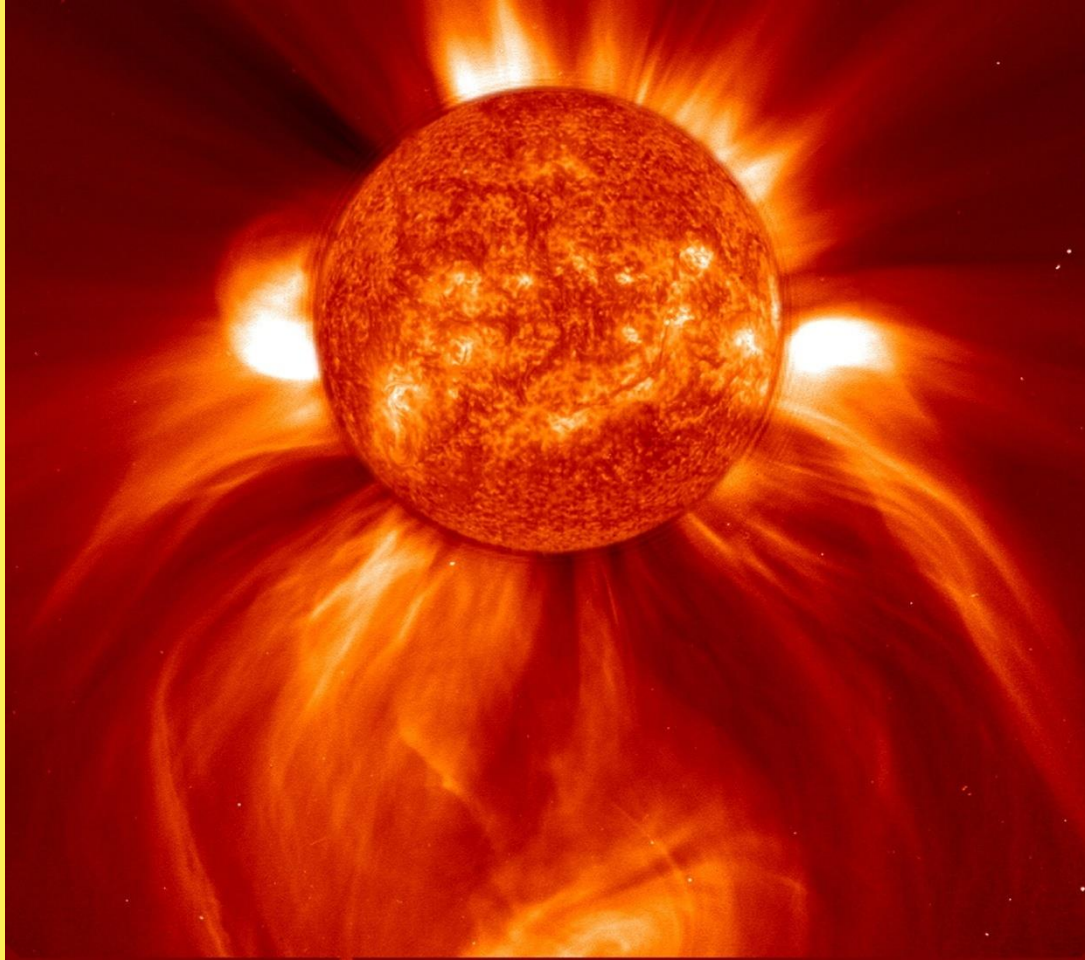
Gas
Water Vapor

Cold

Hot



Plasma



Gas, Liquid, or Solid?



Gas, Liquid, or Solid?



Gas, Liquid, or Solid?



Gas, Liquid, or Solid?



Gas, Liquid, or Solid?



Gas, Liquid, or Solid?



Gas, Liquid, or Solid?



Gas, Liquid, or Solid?



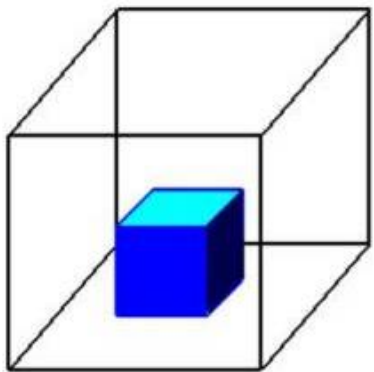
Wooden



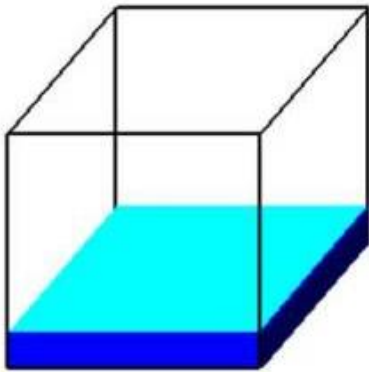
vinegar



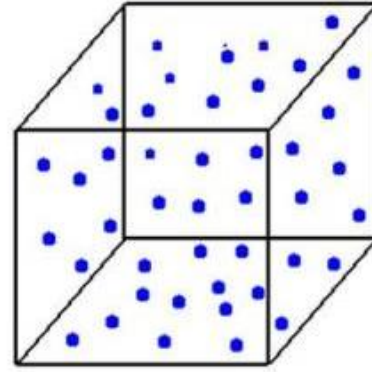
phases



Solid



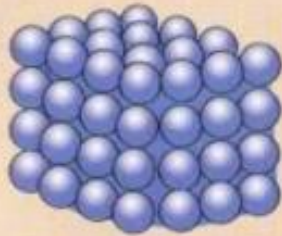
Liquid



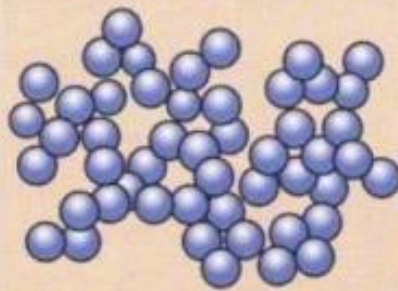
Gas

wooden vinegar **phases** oxygen particles

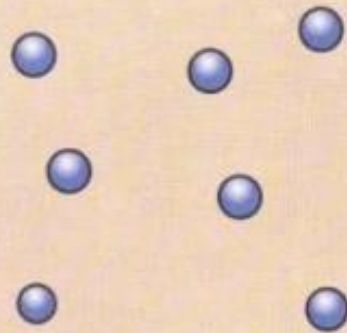
- a Solid, liquid and gas are the three _____ of matter.
- b All matter is made of tiny pieces called _____.
- c _____ is an example of a gas.
- d A _____ chair is an example of a solid.
- e _____ is an example of a liquid.



Particles within a solid are packed together very tightly in fixed positions. This makes it difficult for the solid to change shape.



Particles within a liquid are close together but they can slide past each other and change places. Because of this, liquids can change shape easily.



Particles within a gas are spaced far apart. This is why gases can have any shape. They can also be squashed easily.

Thank you!