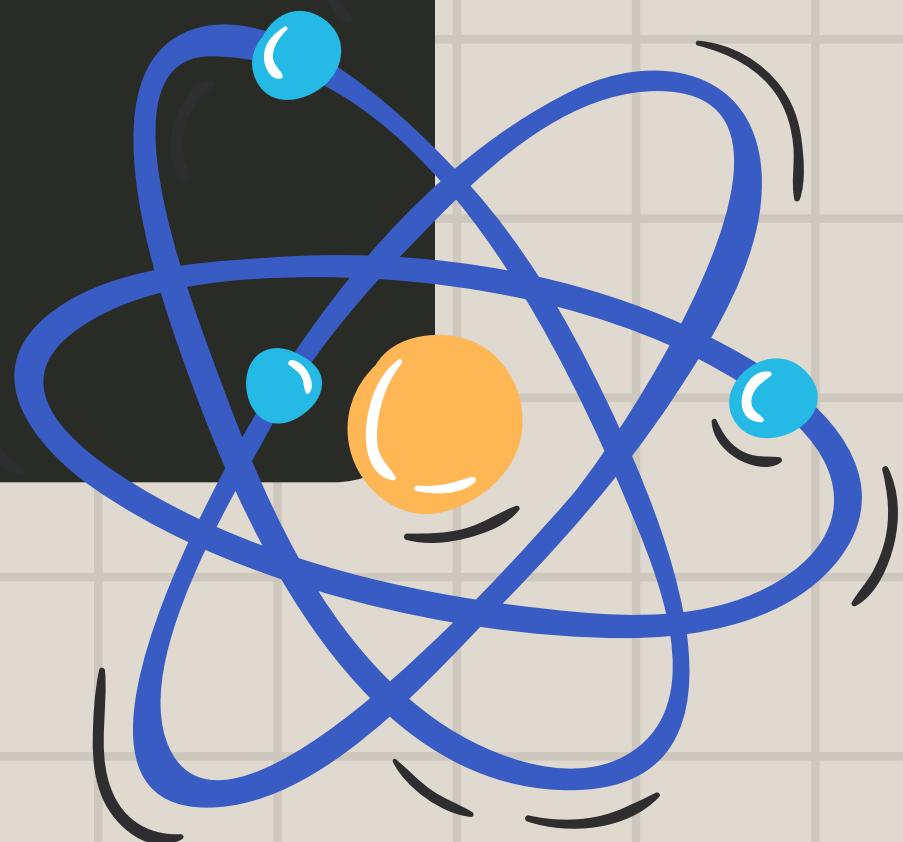


# Materials

## materials, substances and particles

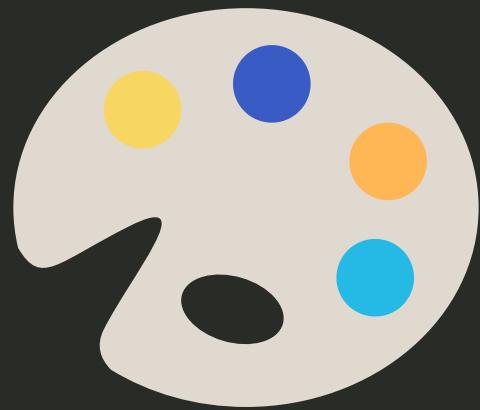


# What are Materials?

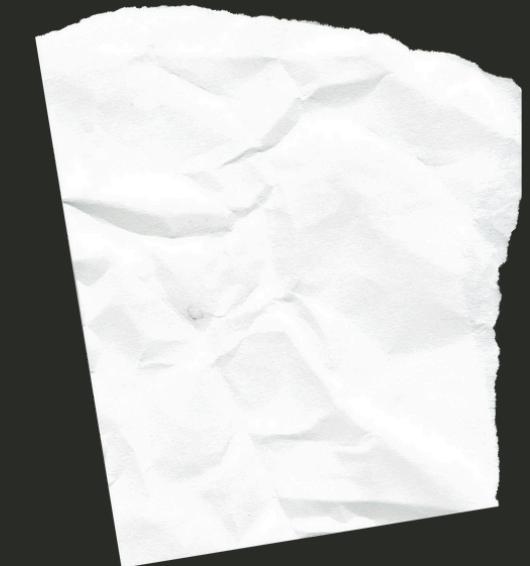
Materials are everything around us.

Examples:

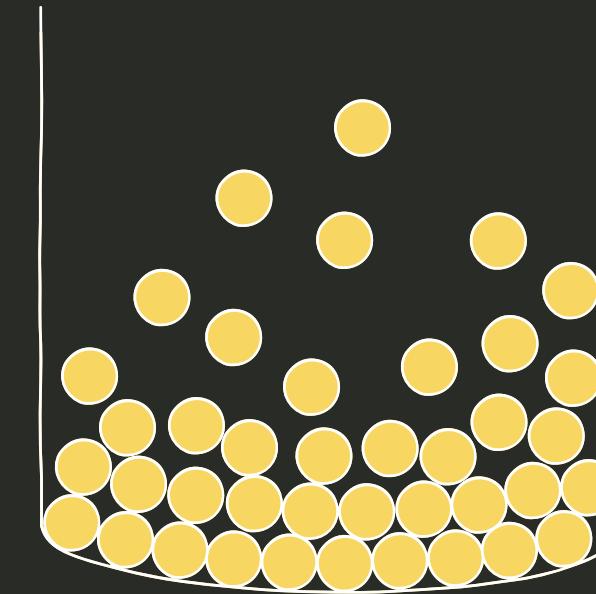
- Wood
- Glass
- Metal



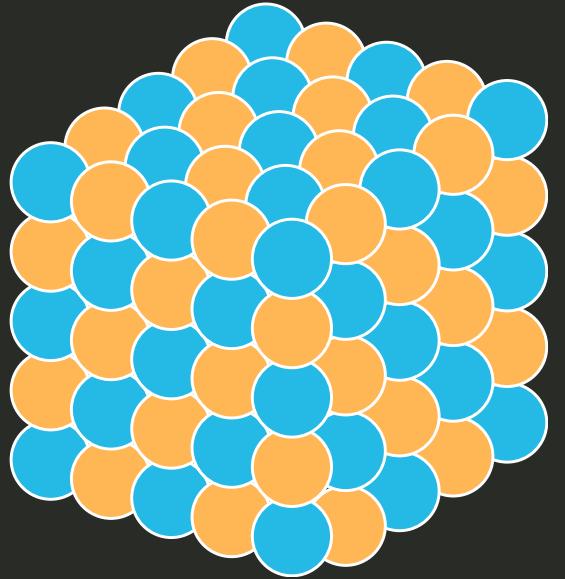
color



shape



state of  
matter



density

# Pure Substances



A pure substance has one kind of particle.

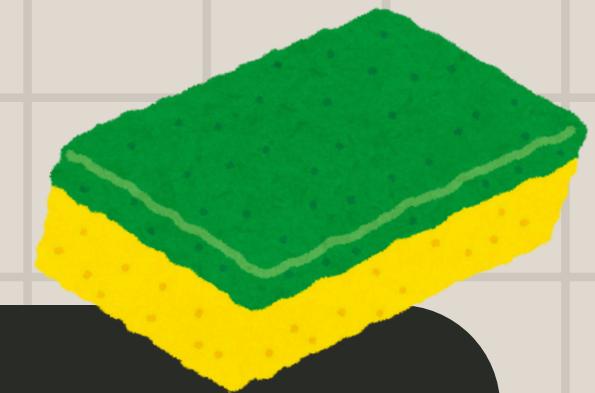
Examples:

- Water
- Sugar



# Particles

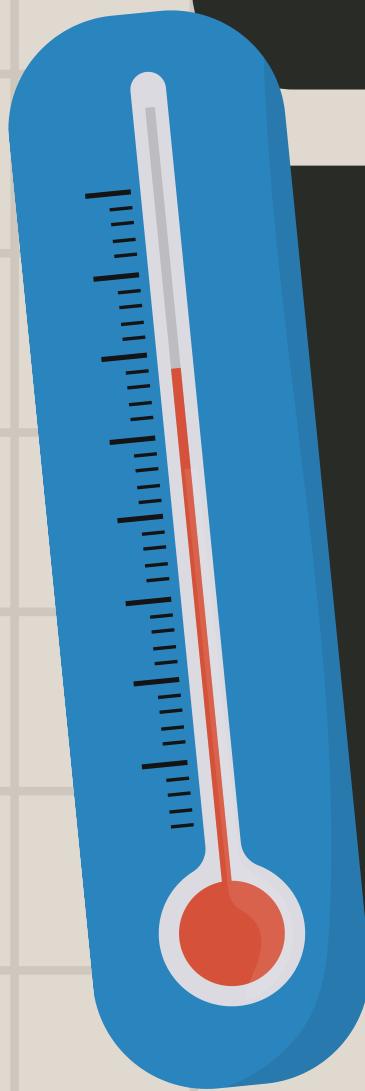
All materials are made of tiny particles.  
particles are small to see.  
particles are always moving.



# states of matter

There are three states of matter.

- .Solid
- .liquid
- .gas



# solids

solids have a fixed shape and size.  
Example:Book



# Liquids

*Liquids change shape.*

*Example:water*



Student work:  
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