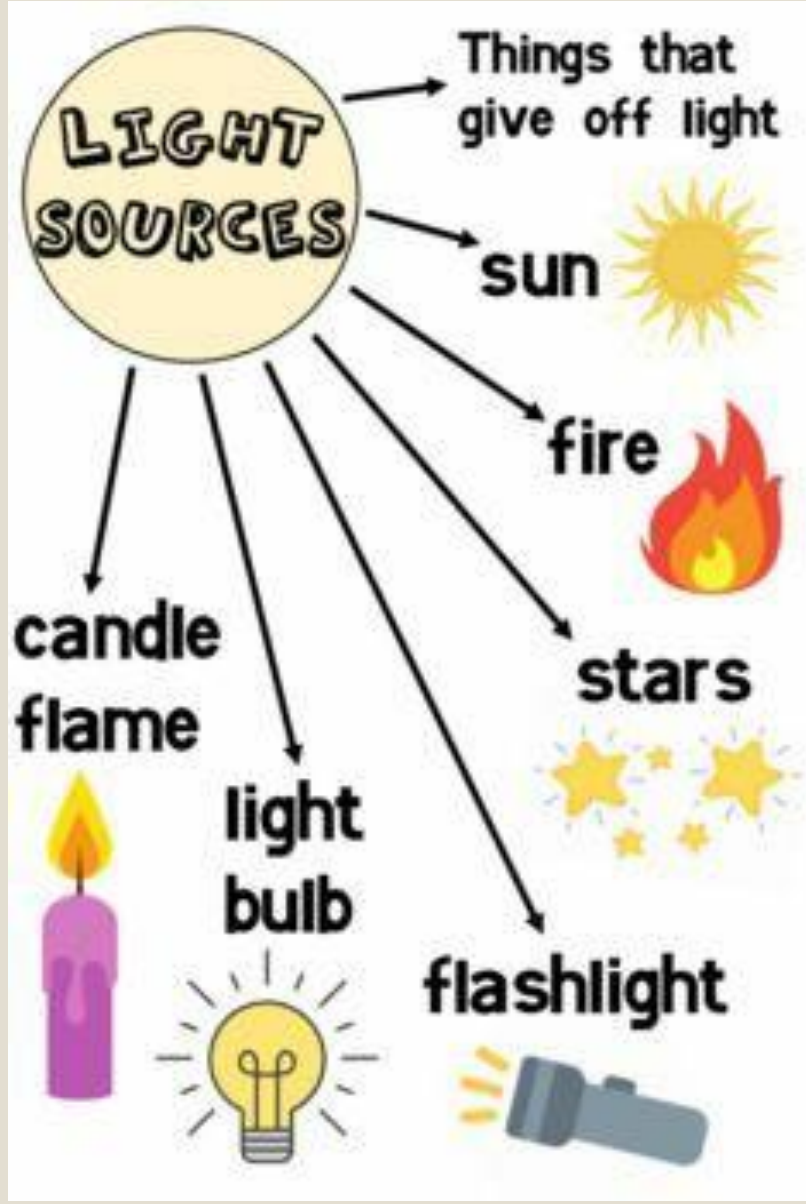


Student Inquiry

NATURAL & ARTIFICIAL LIGHT SOURCES





Solid

Gas

Liquid



Ice Cubes



Vanilla ice cream



Steam from hot tea



Steam from coffee



Breath in soup



Test tube



Books



Wooden Ruler



Jam inside a closed jar



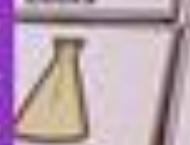
The Earth



Rain



Glue



Glass flask



Snowman



Air inside a ball



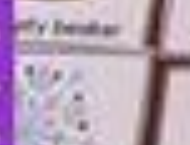
The leaves that trees produce



Lemonade



Soda



Leaves



An apple



Air inside the balloons



Soda

MATTER

Matter is anything that has mass and takes up space.

SOLID

Has its own shape



Particles are tightly packed, usually regular pattern.

LIQUID

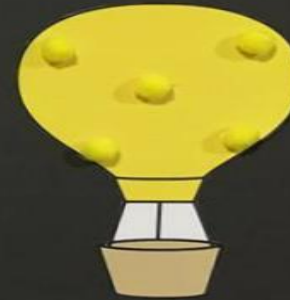
Takes the shape of its container



Particles are close together, no regular pattern.

GAS

No Shape of its own



Particles are well separated, no regular pattern.

Example:



Chair



Water in the container



Air in the balloon

What's

the

MATTER

?!?!

Solid

A form of matter that has a volume and a shape that both stay the same.



Liquid

A form of matter that has a volume that stays the same but a shape that can change.



Gas

A form of matter that has no definite shape or volume.







rainy



sunny



stormy

what is the
weather today?



snowy



cloudy



windy



very
hot

hot

warm

cool

cold

temperature