

OGUN DIGICLASS

CLASS: UPPER PRIMARY

SUBJECT: BASIC SCIENCE & TECHNOLOGY

TOPIC: STATES OF MATTER



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SOLIDS

LIQUIDS

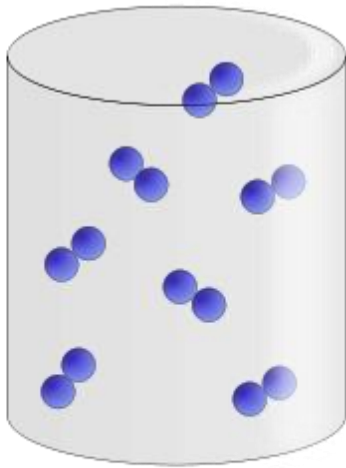
GASES

Learning Objectives

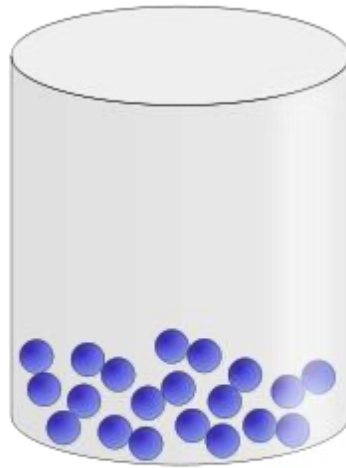
- Definition of States of Matter
- Identify and name three States of Matter
- Compare their properties

What is Matter?

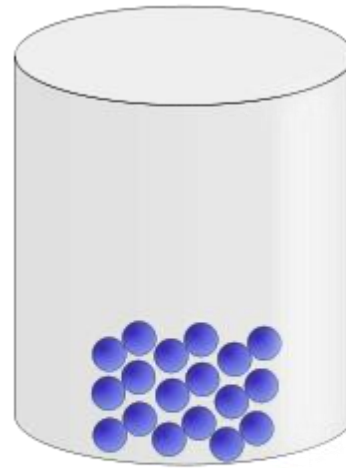
Matter is anything that has space and
can occupy a space



Gas

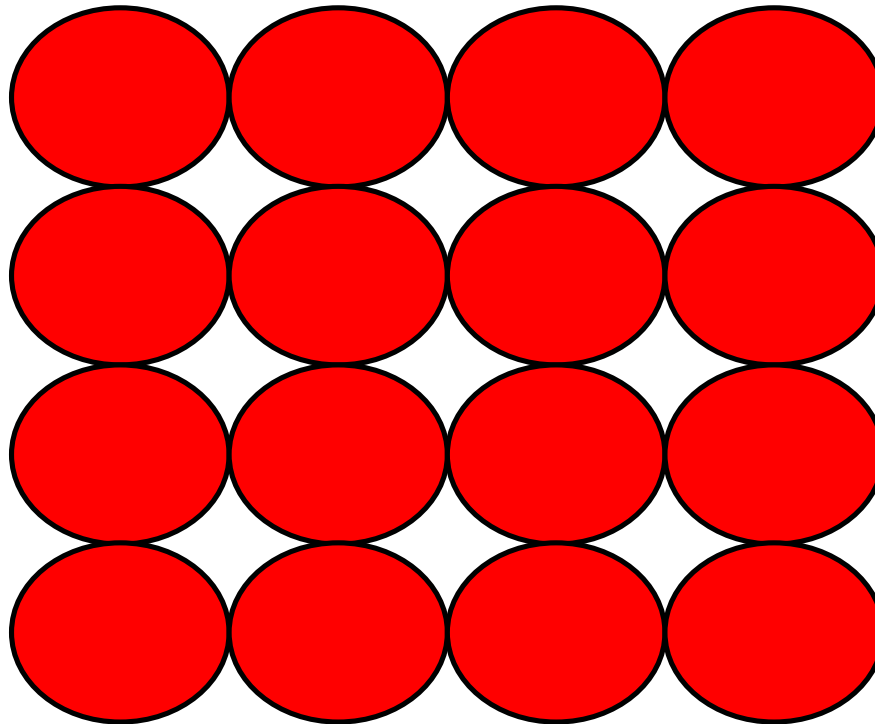


Liquid



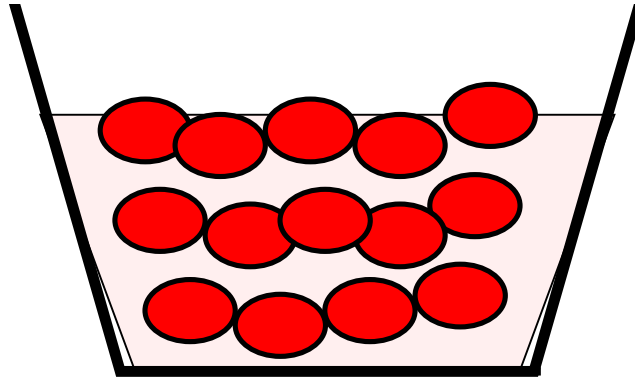
Solid

SOLIDS



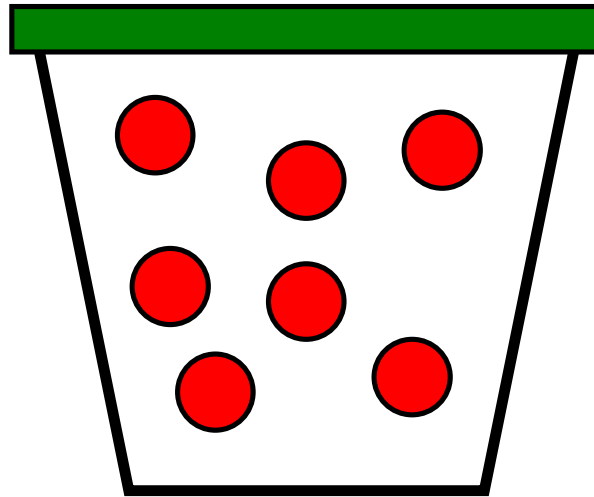
The molecules are held together with strong bonds. They don't move very easily so SOLIDS can keep their own shape and size

LIQUIDS



The molecules have weaker bonds. They can move around slightly so LIQUIDS can flow. They can't keep their shape unless they're in a container.

GASES



The molecules are free to move around. They can spread around an open space quickly and freely. GASES can't keep their shape unless they are kept in a *sealed* container.

Properties of Matter

- Shape and volume
- Compressibility
- Rigid or fluid
- Fill their containers completely



What has caused the droplets of water to appear on the side of the cold Coke can?

Assignment

Write any two examples of each state of matter.