States of Matter

**SOLIDS**

**GASES**

**LIQUIDS**

Indefinite shape

Definite Volume

Particles spaced further part

Particles slide past each other

more energy than solid

A little easier to compress than a solid

Definite shape

Definite Volume

Particles closely packed together

Particles vibrate

Low energy

Hard to compress a solid

No definite shape

No definite Volume

Particles spaced far a part

Particles move in random pattern

High energy

Easier to compress a solid

All states of matter

All move