

Nova's States of Matter Flashcards

Learning objective: To identify and describe the three states of matter: solids, liquids, and gases.

Read the front of the card. Think about Nova's science facts. Turn the card over to check the answer. Use the word bank if you get stuck.

What is a material that keeps its own shape?

A Solid

What is a material that flows and takes the shape of its container?

A Liquid

What is a material that spreads out to fill all available space?

A Gas

What happens when a solid turns into a liquid?

It melts

What happens when a liquid turns into a solid?

It freezes

What do we call the tiny bits that make up all matter?

Particles

Name a state of matter that is hard to see.

A gas (like air)

What happens when a liquid turns into a gas?

It evaporates

What happens when water vapour turns back into liquid water?

It condenses

True or False: A rock is a liquid.

False, it is a solid

True or False: Juice is a liquid.

True

Is steam a solid, liquid, or gas?

A gas