

## Yes Ma'am

Is this matter?

Is this matter?

How do you know?

How do you know?

Give me some examples.

Give me some examples.

Yes Ma'am!

Yes Ma'am!

It takes up space.

It has mass.

Solids, liquids, gases

Rocks, water, helium

Is this a solid?

Is this a solid?

How do you know?

How do you know?

Give me some examples.

Give me some examples.

Yes Ma'am!

Yes Ma'am!

It has a definite shape and volume.

The molecules fit tightly together.

Chalk and salt

Wood and shoes

Is this a liquid?

Is this a liquid?

How do you know?

How do you know?

Give me some examples.

Give me some examples.

Yes Ma'am!

Yes Ma'am!

It has volume but no shape of its own.

The molecules slide past each other.

Water and orange juice

Milk and vinegar

Is this a gas?

Is this a gas?

How do you know?

How do you know?

Give me some examples.

Give me some examples.

Yes Ma'am!

Yes Ma'am!

It has no shape or volume.

The molecules are far apart.

Nitrogen and neon

Chlorine and hydrogen

Is this an element?

Is this an element?

How do you know?

How do you know?

Give me some examples.

Give me some examples.

Yes Ma'am!

Yes Ma'am!

It's a building block of matter.

It's made up of one kind of atom.

Oxygen and mercury

Sodium and calcium

Is this an atom?

Is this an atom?

How do you know?

How do you know?

How do you know?

Give me some examples.

Yes Ma'am

Yes Ma'am

It's the smallest unit of matter

Its nucleus has protons and neutrons.

Electrons move on the electron shell.

Gold and aluminum

And are you through?

Did you tell me true?

What did you learn?

What did you learn?

Yes Ma'am!

Yes Ma'am!

Matter! Matter!

Matter! Matter!

