

# Science

Wednesday 24<sup>th</sup> February 2021

WALT: Revisit the states of matter

S2S: I can

- Name the three states of matter
- Identify the cause of a change in state
- Identify the properties of states of matter

# Science – Term 4 – week 1

---

Last term we explored States of Matter.

What are the three States of Matter?

Think of some examples of each one.

Do you know what can cause a material to change state?

# Science – Term 4 – Week 1

---

Last term we explored States of Matter.

What are the three States of Matter?

**gas**

**liquid**

**solid**

Think of some examples of each one.

**air**

**milk**

**banana**

Do you know what can cause a material to change state?

**change in temperature**

# Science

---

Sort these into the correct column...

ice

helium

wood

orange juice

oxygen

water

steam

apple

shampoo

Solid	Liquid	Gas

# Science

---

Sort these into the correct column...

~~ice~~

~~helium~~

~~wood~~

~~orange juice~~

~~oxygen~~

~~water~~

~~steam~~

~~apple~~

~~shampoo~~

Solid	Liquid	Gas
ice	water	steam
wood	shampoo	helium
apple	orange juice	oxygen

# Science

---

Watch the video on BBC Bitesize and read about the properties of solid, liquid and gas below the video. You could have a go at the sorting activity and quiz on this website too!

<https://www.bbc.co.uk/bitesize/topics/zkgg87h/articles/zsgwwxs>

Now, let's test your knowledge with this next activity...

# Science

---

Use a ruler to connect the states of matter and their properties (some properties could match more than one state).

Can change its shape and volume to fill the container it is in.

Can be squashed.

Can easily be held.

Always take up the same amount of space.

Can flow or be poured easily.

**solid**

**liquid**

**gas**

Can change its shape to fill the container it is in.

Can be cut or shaped.

Are not easy to hold.

Keep their shape.

Are often invisible.

# Science

---

Use a ruler to connect the states of matter and their properties (some properties could match more than one state).

Can change its shape and volume to fill the container it is in.

Can be squashed.

Can easily be held.

Always take up the same amount of space.

Can flow or be poured easily.

**solid**

**liquid**

**gas**

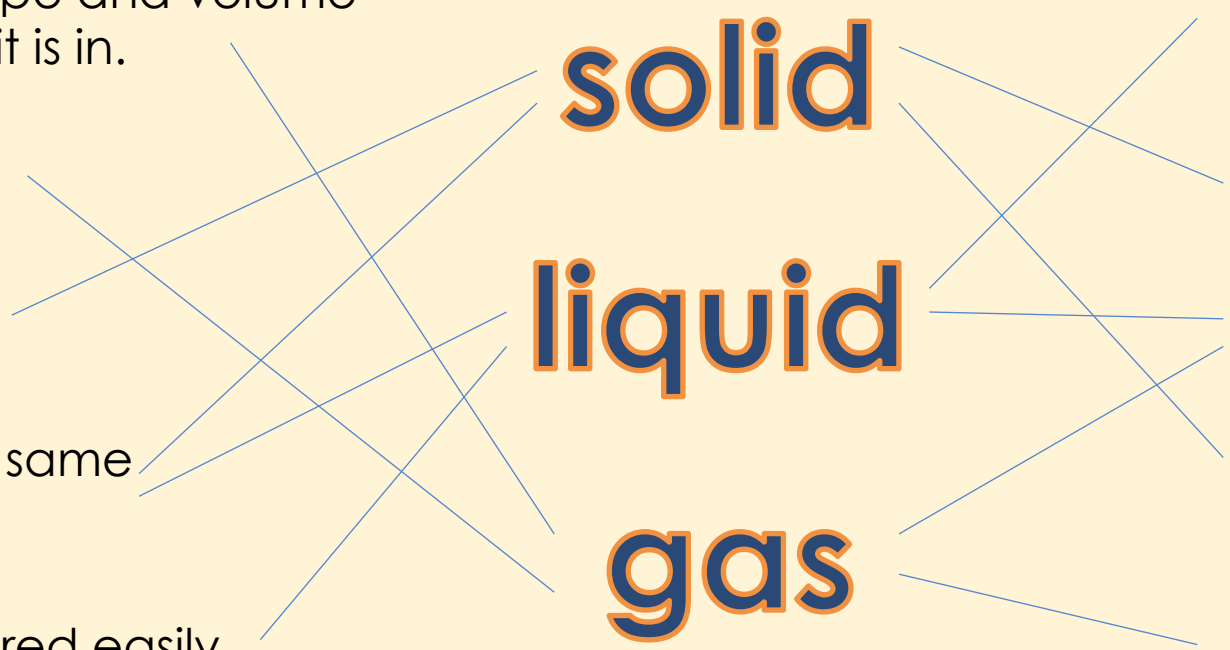
Can change its shape to fill the container it is in.

Can be cut or shaped.

Are not easy to hold.

Keep their shape.

Are often invisible.





# Science

---

**solid**

**liquid**

**gas**

Last term we also looked at materials changing from a solid to a liquid and liquid to solid. What scientific vocabulary can you use to describe this?

# Science

---

**solid**

**liquid**

**gas**

Last term we also looked at materials changing from a solid to a liquid and liquid to solid. What scientific vocabulary can you use to describe this?

**melting**

**freezing**

Let's take a moment to revisit this... watch this video on BBC Bitesize. <https://www.bbc.co.uk/bitesize/topics/zkgg87h/articles/z9ck9qt>