

Science

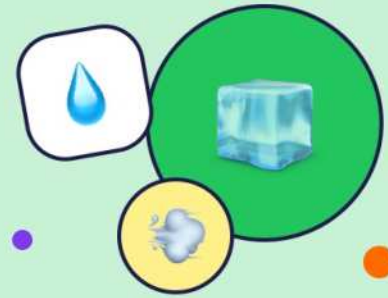
Grade 3

Solid, liquid or gas?

Explore how ice, water and steam are the same stuff in different forms.

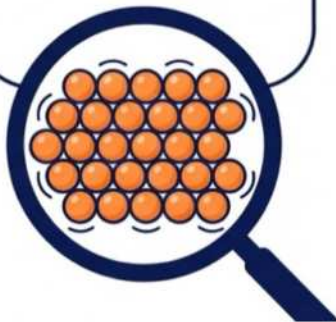


I can sort materials into solids, liquids and gases.



1 Sort the materials

Write each material in the right box.



rock

milk

steam

ice

juice

air

wood

oil

Solid**Liquid****Gas**

2 What is happening?

Match each word to what happens.

☐ Melting ●

☐ Freezing ●

☐ Evaporating ●

● A. A liquid turns into a gas.

● B. A solid turns into a liquid.

● C. A liquid turns into a solid.

3 Compare the states

Write yes or no in each box.

	Keeps its shape?	Spreads to fill any space?
Solid		
Liquid		
Gas		

4 True or false

Circle the right answer.

1. Ice is water in solid form.

True

False

2. Air is a liquid.

True

False

3. Chocolate melts when it gets warm.

True

False

4. Water freezes when it gets hot.

True

False

5



Quick quiz

Circle the right answer.

1. What happens to ice cream on a hot day?

A it melts

B it freezes

C it turns into a gas

2. Which one is a gas?

A juice

B air

C sand

3. At what temperature does water freeze?

A 0 °C

B 50 °C

C 100 °C

4. What do we call it when water turns into water vapour?

A melting

B freezing

C evaporating

6



Fill the gaps

Use the word bank to complete each sentence.

WORD BANK

solid

liquid

gas

melts

freezes

1. Ice is water in _____ form.

2. Milk is a _____, so it takes the shape of its cup.

3. The air inside a balloon is a _____.

4. Butter in a hot pan _____.

5. Water in the freezer _____.

7

**From ice to vapour**

Number the boxes to put them in the right order.

☐

The ice melts into water.

☐

An ice cube is in the freezer.

☐

The water is heated in a pan and evaporates.

☐

The ice cube is put on a warm plate.

8

**Matter word hunt**

Find the words in the grid.

E	H	V	E	D	M	E	L	T	M
C	E	P	A	I	E	A	V	N	S
G	F	G	N	M	K	N	B	U	V
V	R	I	P	G	E	B	W	O	A
J	E	O	D	V	A	I	V	S	S
H	E	S	I	T	L	S	B	A	V
W	Z	A	O	C	L	P	A	A	D
O	E	O	M	L	E	O	E	A	O
T	O	M	J	O	I	Y	J	M	M
T	L	I	Q	U	I	D	L	C	O

FIND THESE WORDS☐

Solid

☐

Liquid

☐

Gas

☐

Melt

☐

Freeze

☐

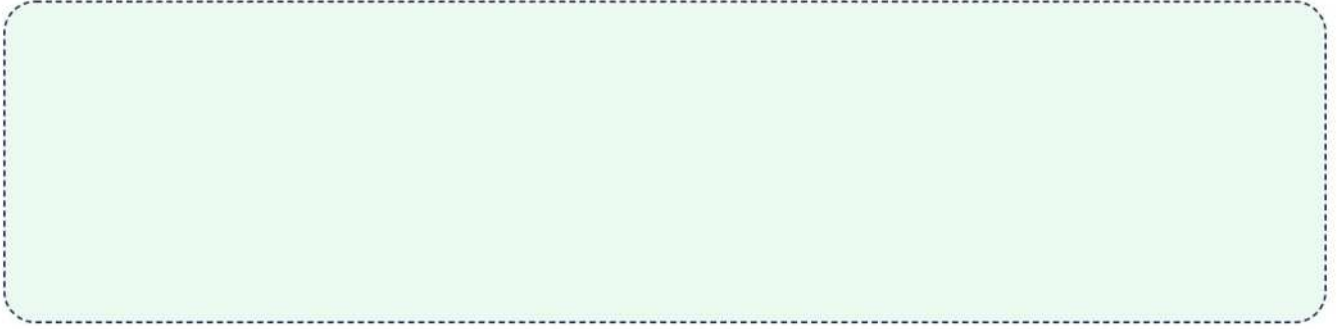
Ice

9



Look around you

Draw one solid, one liquid and one gas you can find at home.



How did it go?



Made with 

Science

Grade 3

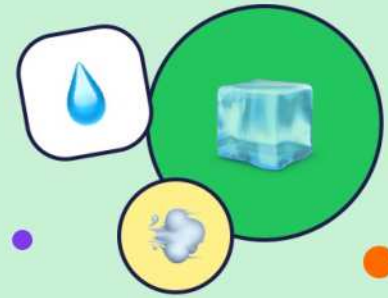
Answer key

Solid, liquid or gas?

Explore how ice, water and steam are the same stuff in different forms.

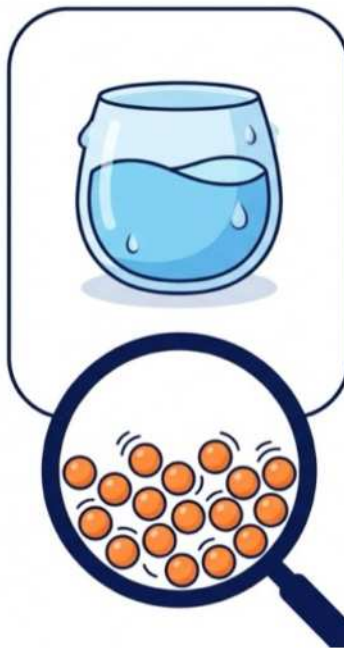


I can sort materials into solids, liquids and gases.



1 Sort the materials

Write each material in the right box.



rock

milk

steam

ice

juice

air

wood

oil

Solid

rock, ice, wood

Liquid

milk, juice, oil

Gas

steam, air

2 What is happening?

Match each word to what happens.

B Melting ●

C Freezing ●

A Evaporating ●

● **A.** A liquid turns into a gas.

● **B.** A solid turns into a liquid.

● **C.** A liquid turns into a solid.

3 Compare the states

Write yes or no in each box.

	Keeps its shape?	Spreads to fill any space?
Solid	Yes	No
Liquid	No	No
Gas	No	Yes

4 True or false

Circle the right answer.

1. Ice is water in solid form.

True

False

2. Air is a liquid.

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False

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G	F	G	N	M	K	N	B	U	V
V	R	I	P	G	E	B	W	O	A
J	E	O	D	V	A	I	V	S	S
H	E	S	I	T	L	S	B	A	V
W	Z	A	O	C	L	P	A	A	D
O	E	O	M	L	E	O	E	A	O
T	O	M	J	O	I	Y	J	M	M
T	L	I	Q	U	I	D	L	C	O

FIND THESE WORDS

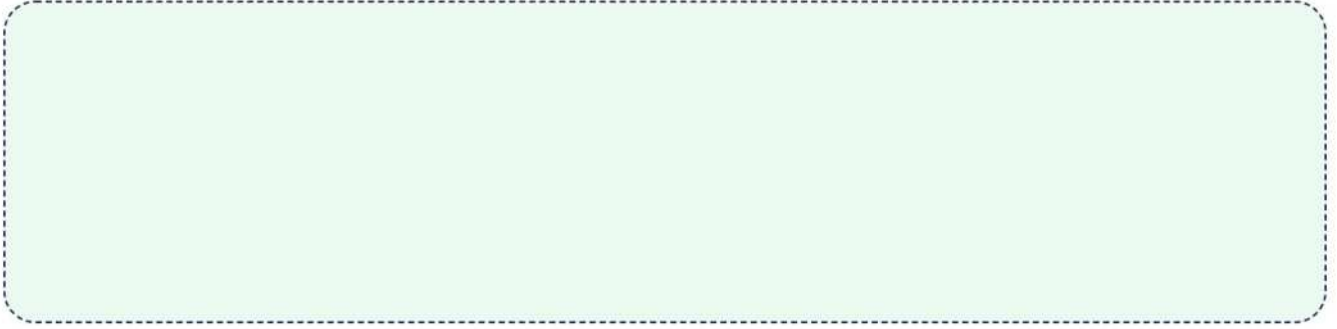
- ☐ Solid
- ☐ Liquid
- ☐ Gas
- ☐ Melt
- ☐ Freeze
- ☐ Ice

9



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How did it go?



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