

1. Listen and read along.

# What is OUR WORLD made of?

Everything in our world comes in three different states: **solid**, **liquid**, or **gas**.

## Solids

We can see and feel solids. Some solids are hard, and some solids are soft. Trees and feathers are solids. You're a solid, too!

## Liquids

A liquid is a thing that can **flow**. Some liquids are thick, and some liquids are thin. Juice and milkshakes are liquids. Can you think of other kinds of liquid?

## Gases

The air that you breathe is a gas. We can't usually see a gas, but sometimes we can feel it when it moves. On a windy day, we can feel the wind on our bodies.

Things can change from one state to another when we make them **hot** or **cold**.

When we make water very cold, it **freezes** and changes to **ice**.

When ice or snow heats up, it **melts** and changes back to water.

When we **heat** water, it boils and changes to **steam**.

Look at these three pictures of things changing from one state to another.

The snow was a solid and now it's a liquid.

**Think** What's the cause of the snow melting? What's the effect?

The water was a liquid and now it's a solid.

**Think** What's the cause of the water freezing? What's the effect?

The water was a liquid and now it's a gas.

**Think** What's the cause of the water boiling? What's the effect?

2. Read again. Put the highlighted words to the correct category.

flow	solid	liquid	Verbs	Nouns
ice	freeze	melt		
heat	gas	steam		

3. Read about Cause and Effect. Then match the causes and effects.

**Learn Cause and Effect**

**Cause** and **effect** tells how one event makes another event happen.  
 A **cause** is why something happens.  
 The **effect** is what happens after the cause.

Cause	Effect
I water the plants.	They grow.
The ice cream is in the sun.	It melts.

**Cause**

- 1 Snow melts.
- 2 We heat ice.
- 3 Water boils.
- 4 Water freezes.

**Effect**

- a It changes to steam.
- b It changes to water.
- c It changes to ice.
- d It melts.

4. Read the reading again. Then read and complete statements.

- Everything in our world comes in three different \_\_\_\_\_ : \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_
- We can see and feel this. It can be hard or soft. This is a \_\_\_\_\_ .
- This flows. It can be thick or thin. It's a \_\_\_\_\_ .
- We cannot usually see this. Sometimes we can feel it. It's a \_\_\_\_\_ .
- Things can change from one state to another when we make them \_\_\_\_\_ or \_\_\_\_\_ .
- Water \_\_\_\_\_ and changes to ice when we make it very cold.
- Ice or snow \_\_\_\_\_ and changes back to water when we heats them up.
- Water \_\_\_\_\_ and changes to \_\_\_\_\_ when we heat water.

5. Read and choose the correct answers.

- Water is a .
- We put  in drinks to make them cold.
- On a hot day, ice cream can .
- We can't hold a  in our hands.

liquid / solid

gas / ice

melt / freeze

solid / gas

## Unit 8 Reading 2

- 5 We  cold water to make it hot.
- 6 Water in a river can  over stones.
- 7 A book is a .
- 8 You can see  on very hot water.
- 9 On a very cold day water can .

**freeze / heat**

**melt / flow**

**gas / solid**

**steam / ice**

**freeze / melt**

6. Choose words from the highlighted words in the reading to write under each picture.

