WRITE
about things that can change.

MAKE
a book about mixtures.



BIG QUESTION 2

How do things change?

A Watch the video.

B Look at the picture. What do you see?

1 What is the weather like?

2 Where do you think this is?

C Think and answer the questions.

1 What things change?

2 Can you hold water in your hand?

D Fill out the **Big Question Chart**.



LIVEWORKSHEETS

UNIT 3 Get Ready

Words

A Listen and point to the words. Listen again and say the words. 1-17


flow


solid


liquid


gas


heat


steam


ice


freeze


melt

B Write the correct words to complete the sentences.

1	Water is a _____.	liquid / solid
2	We put _____ in drinks to make them cold.	gas / ice
3	On a hot day, ice cream can _____.	melt / freeze
4	We can't hold a _____ in our hands.	solid / gas
5	We _____ cold water to make it hot.	freeze / heat
6	Water in a river can _____ over stones.	melt / flow
7	A book is a _____.	gas / solid
8	You can see _____ on very hot water.	steam / ice
9	On a very cold day water can _____.	freeze / melt

LIVEWORKSHEETS

Before You Read

Think Are there any liquids in your backpack?
What solids are in your kitchen at home?

C 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.

Read the sentences. Match the causes and effects.

In the winter, it's sometimes cool and rainy. When it's very cold, it snows. When there's a lot of snow, children don't go to school. They stay home and they're happy. In winter, there's often ice on the streets, and sometimes people slip and fall.



Cause		Effect
1 It's very cold.	●	● a Sometimes people fall.
2 There's a lot of snow.	●	● b It snows.
3 Children stay home.	●	● c Children don't go to school.
4 There's often ice on the streets.	●	● d They're happy.

D Look at the pictures on pages 30 – 31.

What do you think the text is about?

PREVIEW

What is our World made of?

In this text, we learn about what things are made of.

This text is an *informational text*. Remember, informational texts tell us about our world.

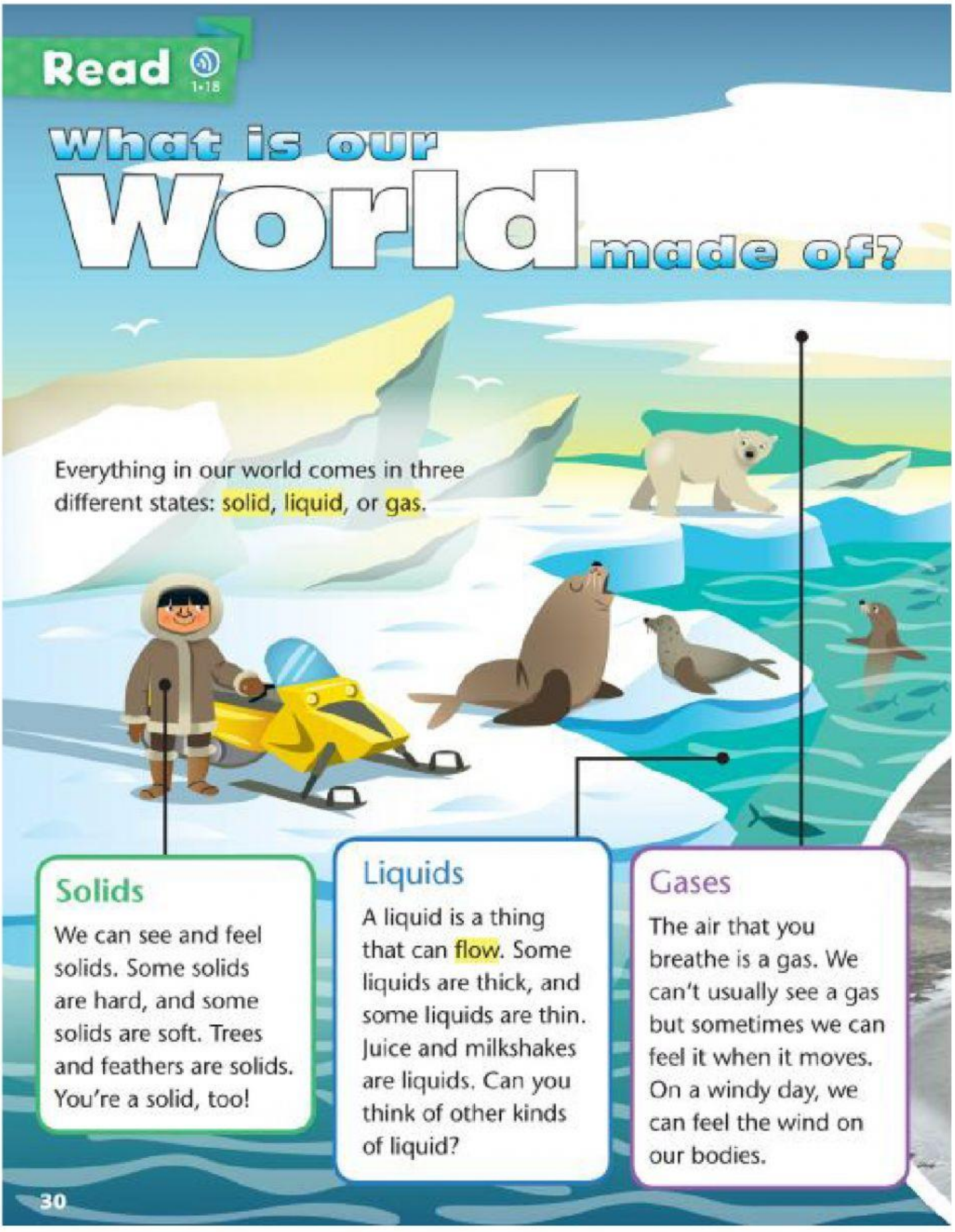
Physical Science



LIVEWORKSHEETS

Read 1-18

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.

LIVEWORKSHEETS

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?

LIVEWORKSHEETS

Understand



Comprehension

Think What do you like about the text? Check (✓). Why? Give one reason.

1 Solids	☐	☐	☐
2 Liquids	☐	☐	☐
3 Gases	☐	☐	☐

A Ask and answer the question.



What's your favorite part?

Water can change to a solid or a gas. It's interesting.



B Match the causes and effects.

Cause		Effect
1 Water freezes.	●	● a It melts.
2 We heat ice.	●	● b It changes to ice.
3 Water boils.	●	● c It changes to steam.

C Complete the statements.

1 We can see and feel this. It can be hard or soft. This is a solid.

2 This flows. It can be thick or thin. It's a _____.

3 We cannot usually see this. Sometimes we can feel it. It's a _____.

Think What do you think?

1 Why do we boil liquids?

2 Can all solids change to liquids?

LIVEWORKSHEETS

Grammar in Use

D Listen and sing along. **The Snowman** 1-19

This was my snowman.
My wonderful snowman.
But now he's melting away!
His name was Joe, my man of snow,
And now he's melting away!

Those were his black eyes,
And that was his red nose,
But now he's melting away!
He wasn't small, he was very tall,
And now he's melting away!



E **Learn Grammar** Simple Past of Verb *To Be*

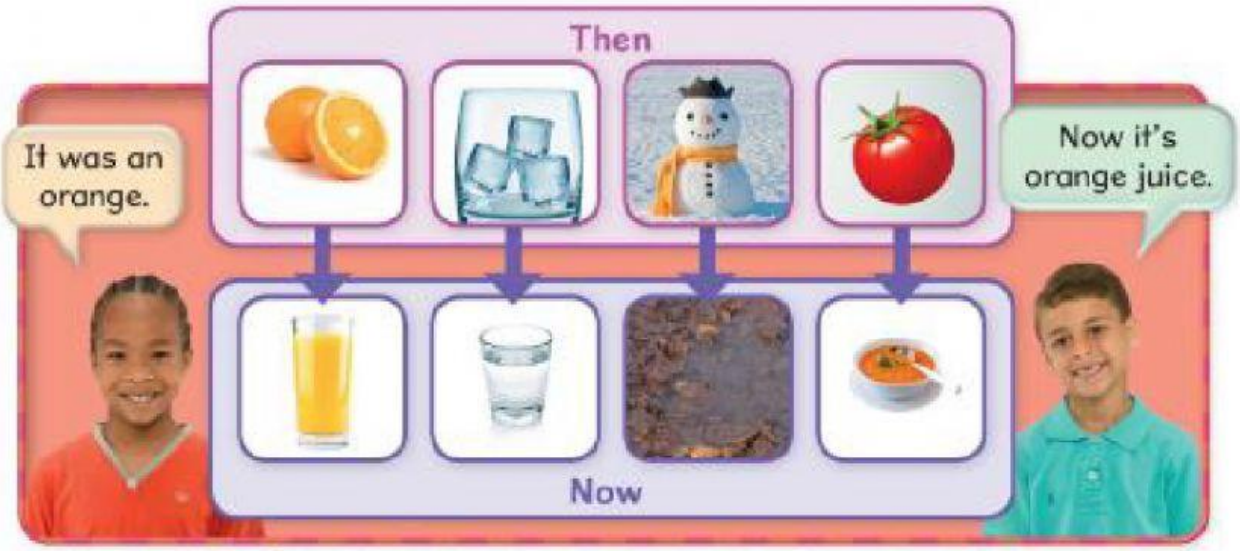
It **was** a liquid. Now it's a gas.



They **were** hard. Now they're soft.



What was it then? What is it now? Practice with your partner.



F **Look around the classroom. Find something that has changed from one thing to another. Tell your partner about it.**

LIVEWORKSHEETS

Communicate

Words

A Listen and point to the words. Listen again and say the words. 1.20


ice pop


balloon


kettle


popcorn


icicle


candle

B Read the clues. Write the word.

1 People think I'm fun to play with. If I get too big, I pop! What am I? balloon

2 I help people heat water for drinks. What am I? _____

3 I can grow on a house when it's very cold outside. What am I? _____

4 I get noisy when people make me hot. People eat me. What am I? _____

5 People use me to see in the dark. Be careful! I'm hot. What am I? _____

6 I'm very cold and people eat me on a hot summer day. What am I? _____

Listening

Think What's inside a balloon?

C Listen. What happens to popcorn? 1.21

D Listen again and number the words in the order you hear them. 1.22

a ☐ balloon	d [1] ice pop
b ☐ icicle	e ☐ kettle
c ☐ candle	f ☐ popcorn



LIVEWORKSHEETS

Speaking

E Listen and repeat. Then practice with your partner. Use the words in the box to help. 1-23



Word Study

F **Learn** Nouns and Verbs

Remember, some words can be nouns *and* verbs.

Noun: **Steam** is a gas.



Verb: She **steams** the carrots.



Read the sentence. Write the word.

1 Look! The eagle chicks can ___fly___ !

2 My friend and I _____ video games together.

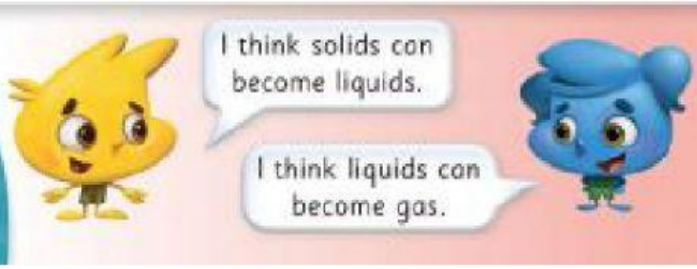
3 We _____ at the pond in the summer.



Write Tell your partner about a thing that can change state. Write about it in your **Workbook.** page 27

BIG QUESTION 2

How do things change?



LIVEWORKSHEETS