



# Look for these text and graphic features.

#### READING Comprehension Skill:

Cause and Effect

As you read, look for causes and effects. Be sure to look for clues words that help you determine cause-and-effect relationships.

#### **Phonics/Word Study:**

r-controlled o

As you read, look for words with r-controlled o, like forces. This sound in a syllable rhymes with the word or.

- Table of Contents
- Introduction
- Sidebars
- Conclusion
- Glossarv
- Index
- Information about the author
- Vocabulary words in boldfaced type

- · Captions for photos, diagrams, and illustrations
- Checkpoints. Check yourself to see that you understand what you have read. Pages 9, 19

#### **Graphic Features**

- Photographs
- Graph. Page 21
- Table. Page 22

- Science experiment. Page 11
- Pie chart. Page 17

#### SCIENCE The Big Idea:

This book describes two forms of matter: liquids and gases. It explains how both types of matter are found in everyday life.

#### Look for these special information features.

#### **Content Sidebars**

- It's a Fact. Interesting facts about liquids and gases. Pages 11, 13
- Solve This. Solve these math problems to learn more about liquids and gases. Pages 7, 17, 21
- Everyday Science. See how science is part of your daily life. Pages 7, 14
- Careers in Science. Learn about jobs for people interested in matter. Page 15

#### **Content Vocabulary**

compress expand gas lava

liquid matter melting point molecule

property solid surface tension temperature

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## by Erin Ash Sullivan

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# **Words To Think About**

#### **Characteristics**

has mass

takes up space

7

## matter

What do you think the word matter means?

#### **Forms**

solid

liquid

?

# expand

Latin:

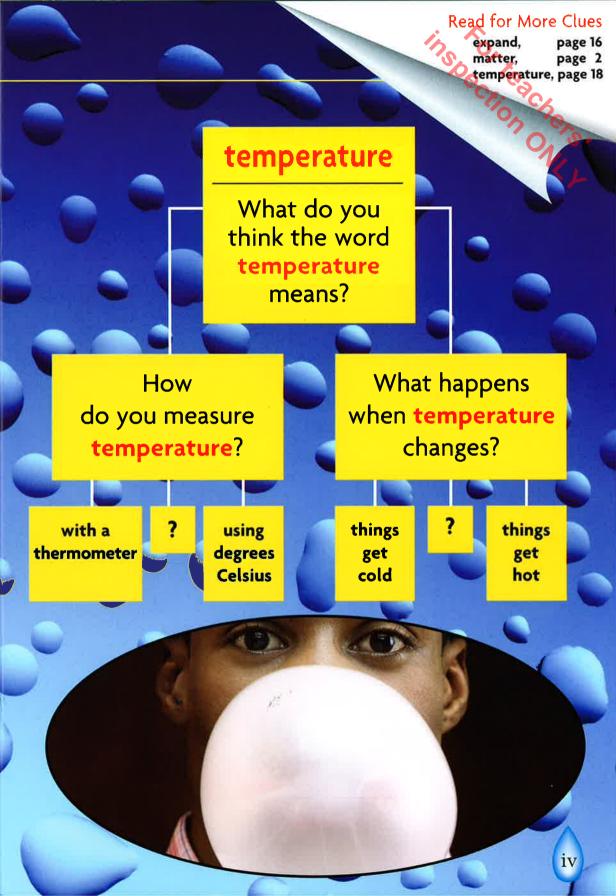
(out)

What do you think the word expand

means?

Latin: pandere

(to spread)



# ntroduction

inspection on only hat is matter (MA-ter)? Matter is anything that has mass. Matter also takes up space.



▲ Juice is made of matter. So is the glass. The child drinking the juice is made of matter, too.