

BRIDGES™

Liquids and Gases

See how liquids
and gases are
alike and not alike

READING Comprehension Skill:

Cause and Effect

As you read, look for causes and effects. Be sure to look for clue 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**.

Look for these text and graphic features.

Text Features

- Table of Contents
- Introduction
- Sidebars
- Conclusion
- Glossary
- 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	liquid	property
expand	matter	solid
gas	melting point	surface tension
lava	molecule	temperature

Liquids and Gases



For teachers
inspection ONLY

by Erin Ash Sullivan

Table of Contents

Pictures To Think About	i
Words To Think About	iii
Introduction	2
Chapter 1 Liquids	6
Chapter 2 Gases	12
Chapter 3 Matter Changes	18
Conclusion	22
Glossary	23
Index	24

Pictures To Think About

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Liquids and Gases



Words To Think About

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Characteristics

has mass

takes up
space

?

matter

What do you
think the word
matter
means?

Forms

solid

liquid

?

expand

What do you
think the word
expand
means?

Latin:
ex
(out)

Latin:
pandere
(to spread)

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temperature

What do you
think the word
temperature
means?

How
do you measure
temperature?

with a
thermometer

?

using
degrees
Celsius

What happens
when **temperature**
changes?

things
get
cold

?

things
get
hot



Introduction

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What 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.