

BRIDGES™

SOLIDS



Discover the special
properties of solids

READING

Comprehension Skill:

Identify Steps in a Process

As you read the experiments in this book, think about why steps are completed in a certain order.

Phonics/Word Study:

Closed Syllables

As you read, look for words with closed syllables, like **matter**. A closed syllable ends in a consonant and usually has a short vowel sound.

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
- Lists with bullets. Pages 6, 10, 14, 18
- Checkpoints. Check yourself to see that you understand what you have read. Pages 9, 21

Graphic Features

- Photographs
- Science experiments. Pages 6, 10–11, 14–15, 18–19
- Table. Page 13

SCIENCE

The Big Idea:

This book describes solids. This book also contains many experiments for you to do to learn about solids.

Look for these special information features.

Content Sidebars

- **It's a Fact.** Interesting facts about solids. Page 9
- **Solve This.** Solve these math problems to learn more about solids. Pages 7, 17
- **Everyday Science.** See how science is part of your daily life. Page 5
- **Careers in Science.** Learn about jobs for people interested in solids. Page 9
- **They Made a Difference.** Meet people who were important to the study of solids. Page 8

Content Vocabulary

atom	molecule	state
gas	property	temperature
liquid	solid	volume
matter		

Solids

by Nancy Leber

For teachers' inspection ONLY



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Pictures To Think About

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Solids



Words To Think About

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Characteristics

takes up
space

has different
forms

?

matter

What do you
think the word
matter
means?

Forms

solid

liquid

?

state

What do you
think the word
state means
in this book?

Meaning 1

part of a country
(noun)

Meaning 2

to say
(verb)

Meaning 3

form of matter
(noun)

atom

What do you think the word **atom** means?

What is an **atom** like?

hard to see

?

very tiny

What is made of **atoms**?

people

?

molecules



Introduction

For teachers' inspection ONLY

It is a nice day. The sun is high in the sky. You decide to have lunch outside. You eat a sandwich and sip soup. Then you start to think. What is your sandwich made of? What is your soup made of? What is the sky made of? They are all made of **matter** (MA-ter). Matter is anything that takes up space and has mass. Everything on Earth is made of matter. That means you, too.

▲ The sky is a gas.



▲ The sandwich is a solid.