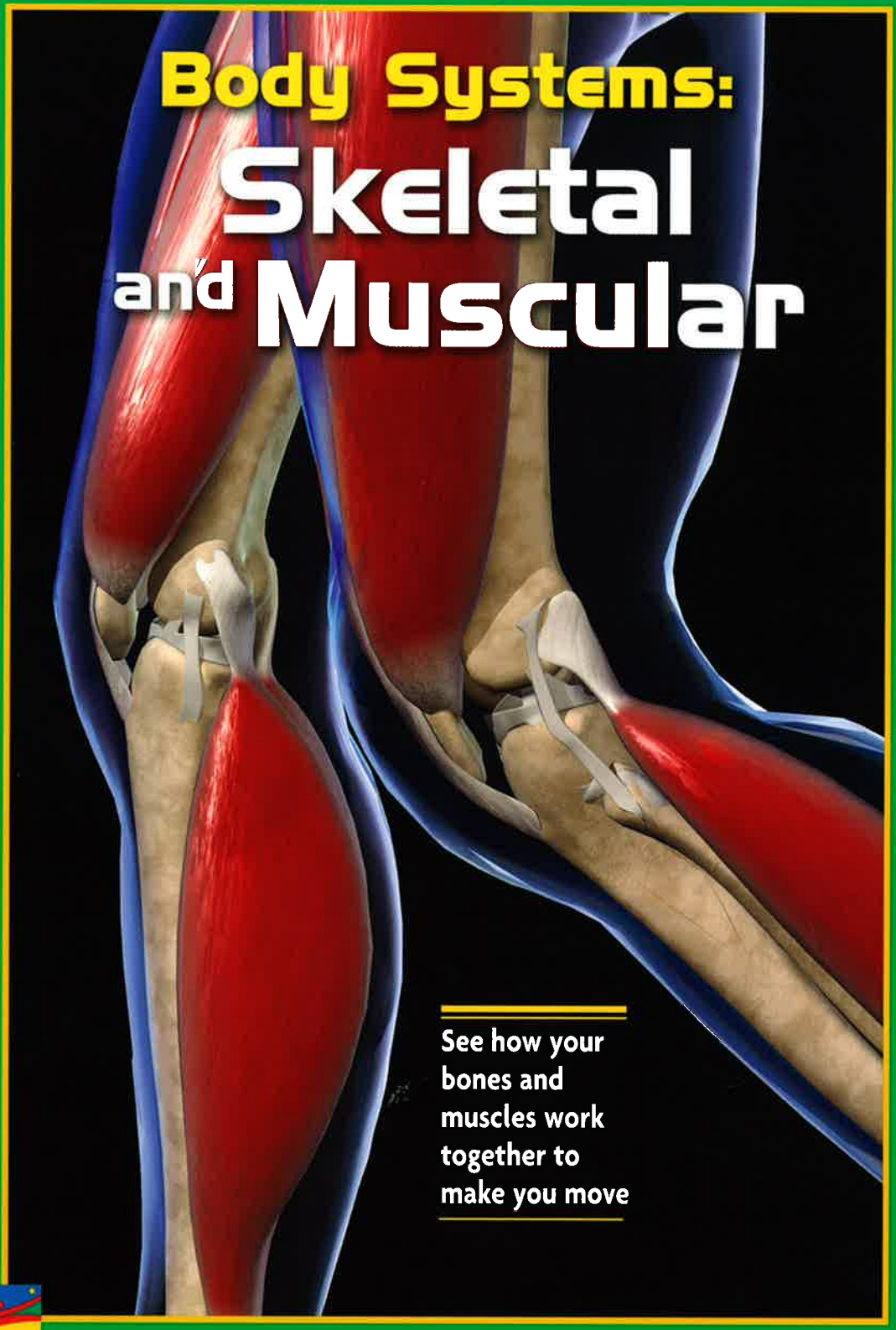
BRIDGES™

Body Systems: Skeletal and Muscular



See how your bones and muscles work together to make you move

GARY RUSHWORTH

Benchmark EDUCATION

SCIENCE
The Human Body
Level 30 N

For teachers' inspection ONLY

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.

Word Study:
Compound Words

As you read, look for compound words like **framework**. Compound words are made of two words put together with or without a hyphen.

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 21, 25

Graphic Features

- Photographs
- Labeled Diagrams. Pages 14, 15, 16, 18, 20, 22, 25
- Cross section. Pages 8, 14
- Labeled Photographs. Pages 6, 7, 17

SCIENCE

The Big Idea:

This book describes your skeletal and muscular systems. It shows what the parts of each system are, how they work, and how they are related to exercise and your health.

Look for these special information features.

Content Sidebars

- It's a Fact. Interesting facts about the skeletal and muscular systems. Pages 5, 7, 22
- Careers in Science. Learn about jobs for people interested in the skeletal and muscular systems. Pages 4, 9
- They Made a Difference. Meet people who are important to the study of the skeletal and muscular systems. Page 29

Content Vocabulary

bone
cartilage
cranium
disk
joint
ligament
marrow
muscle
skeleton
skull
spinal column
tendon
vertebrae

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BY GARY RUSHWORTH

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Pictures To Think About

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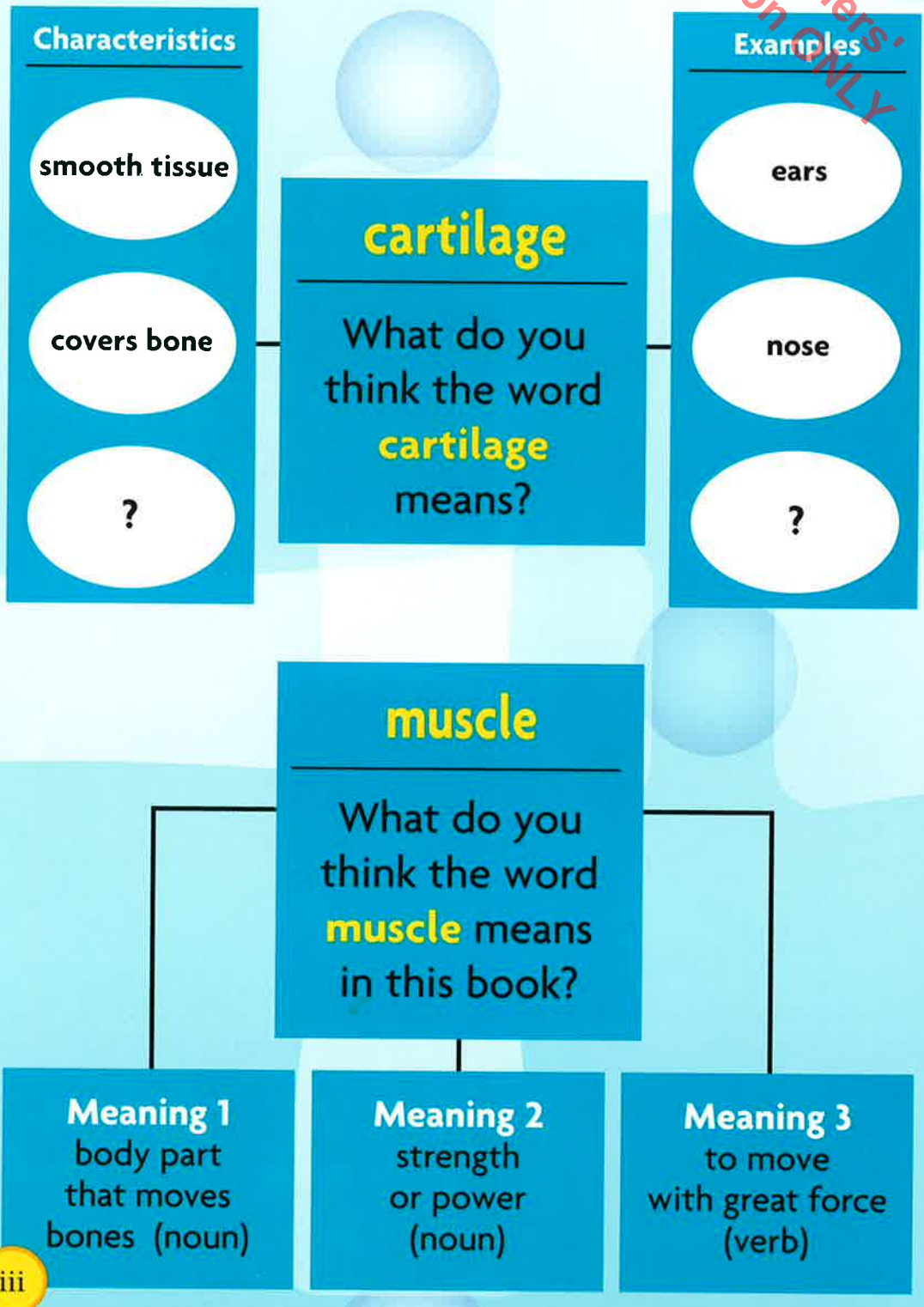






Words To Think About

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Read for More Clues
cartilage, page 14
marrow, page 8
muscle, page 2

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marrow

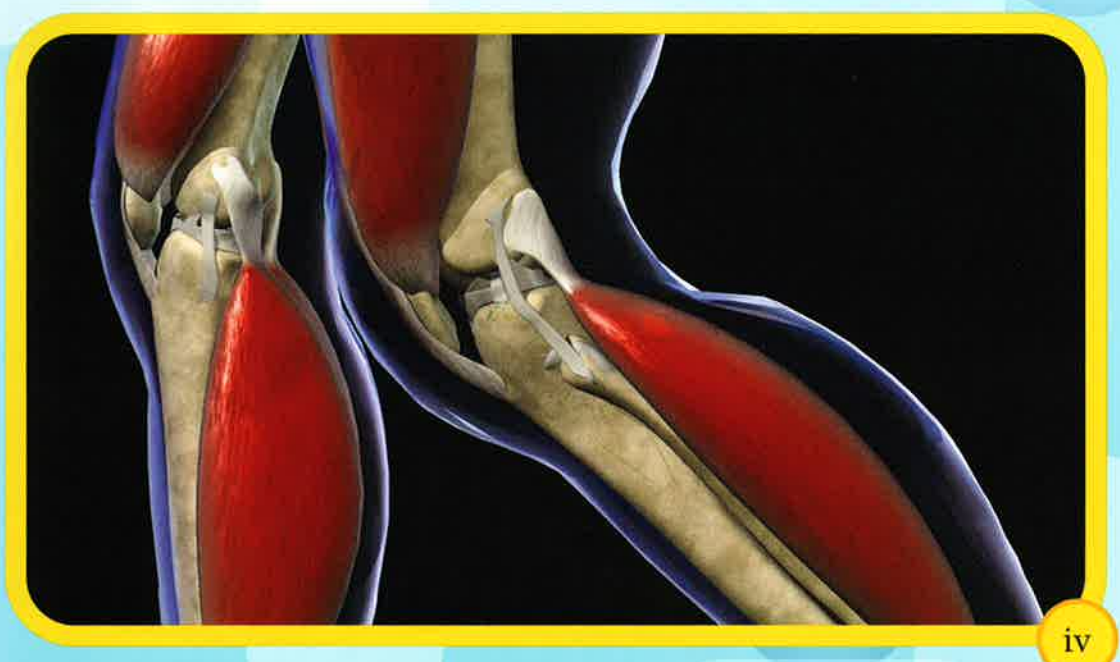
What do you think the word **marrow** means?

Why is marrow important?

- inside bones
- ?
- makes blood cells

What is marrow like?

- soft
- ?
- spongy



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Introduction

Do you know where your **skeleton** (SKEH-luh-tun) is? Your skeleton is hiding beneath your skin and **muscles** (MUH-sulz). The **bones** of the skeleton are the foundation of the body.



