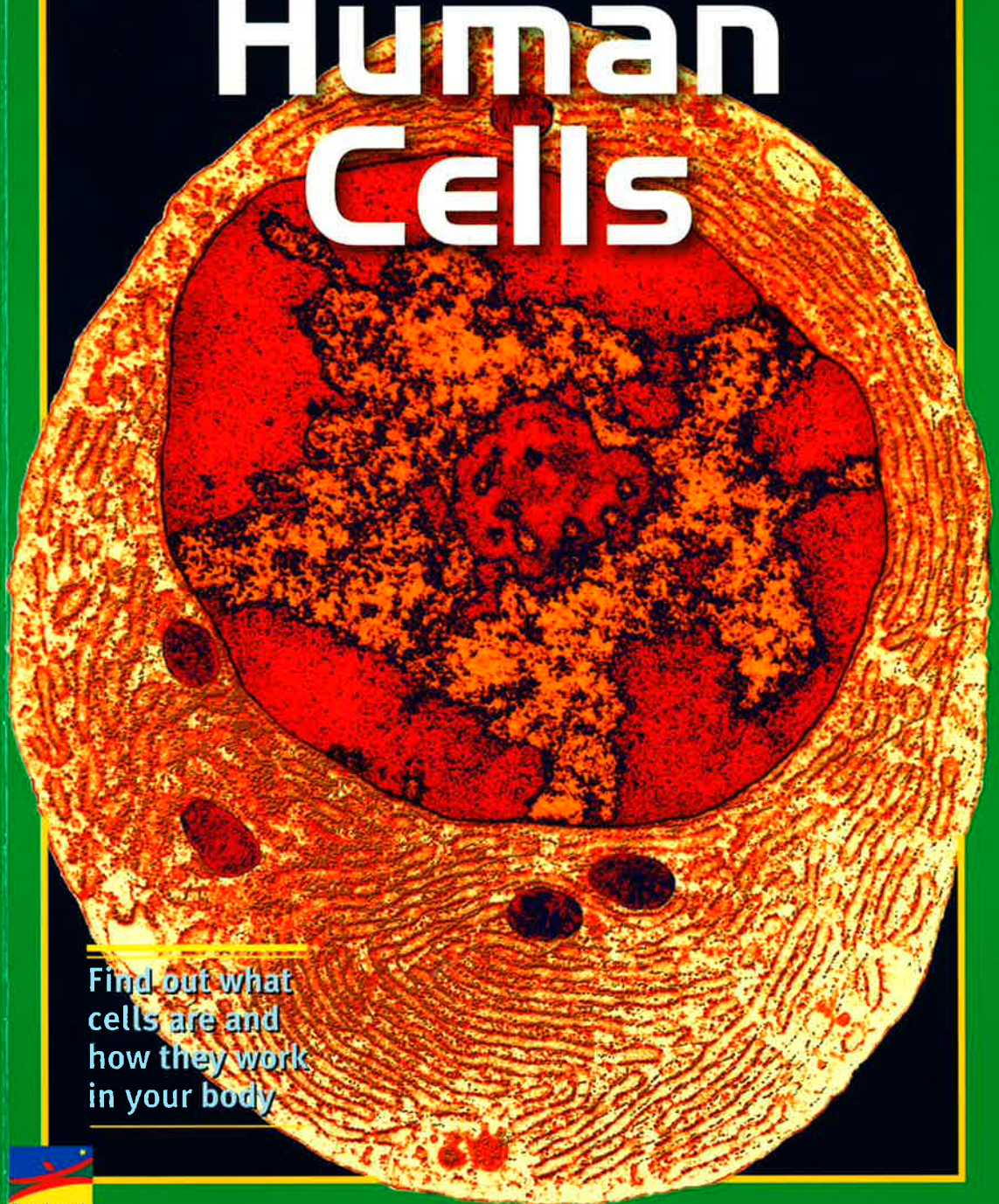
BRIDGES™

Body Systems:

Human Cells



Find out what cells are and how they work in your body

GARY RUSHWORTH

Benchmark Education

SCIENCE
The Human Body
Level 38 P

For teachers' inspection ONLY

READING

Comprehension Skill:

Summarize Information

As you read, look for big ideas that will help you summarize the chapters in two or three sentences.

Word Study:

CVCe

As you read, look for **CVCe** words like **alive**. Syllables with a **CVCe** pattern have a long vowel sound and end in a silent **e**.

Look for these text and graphic features.

Text Features

- Photographs
- 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 14, 22

Graphic Features

- Labeled Diagrams. Pages 5, 6, 7, 8, 11, 13, 14, 26–27
- Table. Page 11
- Cross section. Page 22

SCIENCE

The Big Idea:

This book explains how humans are built from cells. It describes the different types of cells, the functions of cells, and how cells cooperate with one another.

Look for these special information features.

Content Sidebars

- It's a Fact. Interesting facts about human cells. Pages 6, 9, 19, 24
- Careers in Science. Learn about jobs for people interested in human cells. Page 17
- They Made a Difference. Meet people who are important to the study of human cells. Pages 16, 17

Content Vocabulary

cell
chromosome
cytoplasm
enzyme
gene
glucose
lysosome
metabolism
mitosis
nucleus
organelle
oxygen
plasma

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BY GARY RUSHWORTH

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Pictures To Think About

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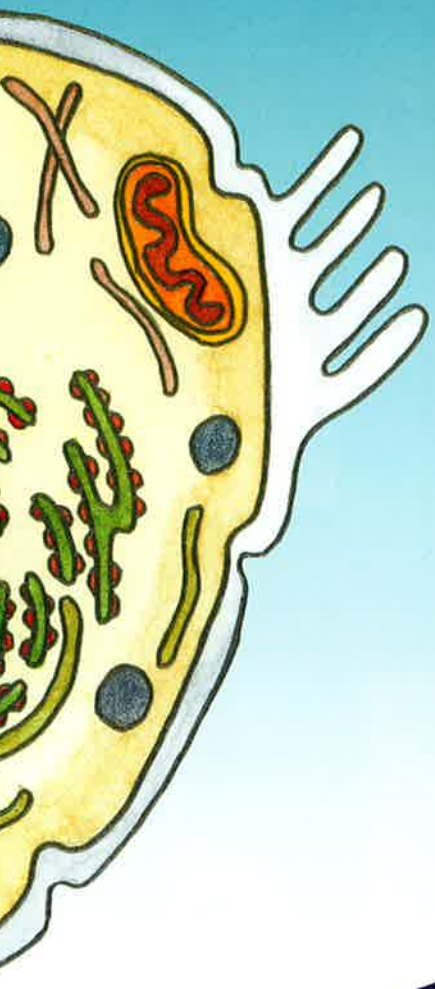








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Words To Think About

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Characteristics

- tiny building block
- has different parts
- ?

cell

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

Examples

- blood cell
- bone cell
- ?

metabolism

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

- Greek: **meta** (over)
- Greek: **-ballein** (to throw)

Read for More Clues
cell, page 2
metabolism, page 15
nucleus, page 8

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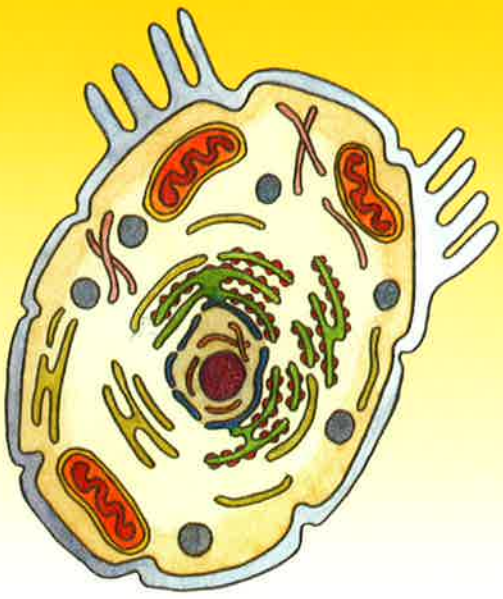
nucleus

What do you think the word **nucleus** means in this book?

Meaning 1
the body of a comet (noun)

Meaning 2
a central point (noun)

Meaning 3
the control center of a cell (noun)



Introduction

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Do you know what **cells** are? Do you know why they are important? Everything that is alive is made of cells. Cells are the building blocks of the human body and all living things. Cells help people grow and stay healthy.

