

Science 4

COMPARISON CHART

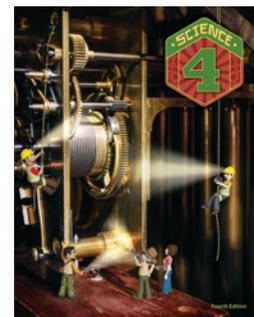
Updates

This edition reflects significant changes from the previous edition for better alignment with the Next Generation Science Standards for the fourth grade and to give educators more opportunities to introduce STEM topics and careers. Numerous topics have been added or removed to meet the product's scope and sequence. A new teaching cycle has been incorporated into the teacher edition. Course core objectives have been defined. New textbook sections regarding STEM careers and various scientific applications have been added. An expanded table of contents, vocabulary terms, and an index and glossary have been added to the student edition. Components of this edition will not be compatible with its predecessor.

NEW



5th Edition

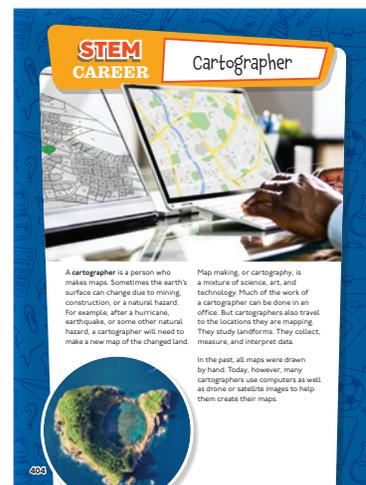


4th Edition

Content Updates

- Chapters 4, 7, 9, 11, and 15, covering vertebrates, energy, waves, sound, and natural hazards, have been added.
- Chapters 1–3 and 12–14 have been expanded.
- Chapters 1 and 3, covering living things and electricity and magnetism, have been moved to *Science 3*.
- Chapter 2, covering insects and spiders has been removed, with much of the content moved into the new Chapter 3.
- Chapter 7, covering the moon, has been moved to *Science 5*.
- Some significant changes have been made to the scope and sequence.
 - Added: topics on plants, invertebrates, vertebrates, ears, energy, speed and motion, waves, sound, water, the Earth's surface, natural hazards, and natural resources.
 - Removed: topics on water and oceans, the moon, spiders, ecosystems, electricity, and magnetism
- The course goals from the previous edition have been replaced with core objectives.
- The student edition also reflects many new sections discussing STEM careers, science and medicine, and science and technology. Looking Ahead pages in the student activities have been removed.
- A four-step teaching cycle (engage, instruct, apply, and assess) has been added to both the student and teacher editions.

Textbook Snapshot



Special Features

- Several course objectives have been established.
- Multiple STEM activities have been added to the student textbook.
- New sections on academic rigor, technology solutions, and biblical worldview have been added to the teacher edition.
- Other features added to the student textbook include an expanded table of contents, essential questions at the beginning of each lesson, and a student index and glossary.