

# SCIENCE

Strengthen language skills needed to succeed with science – year 7-10

**Earth Science**

**Life Science**

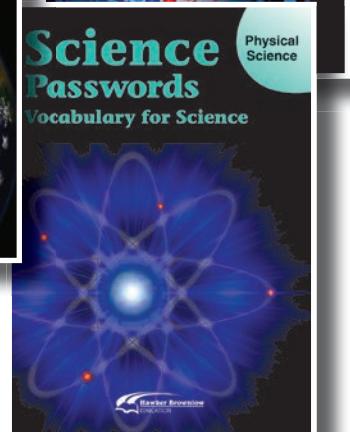
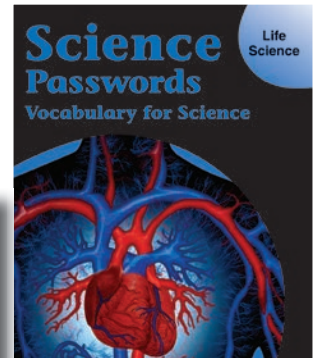
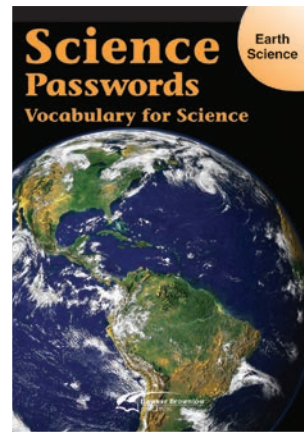
**Physical Science**

**Research-based series builds the foundation for content literacy in science:**

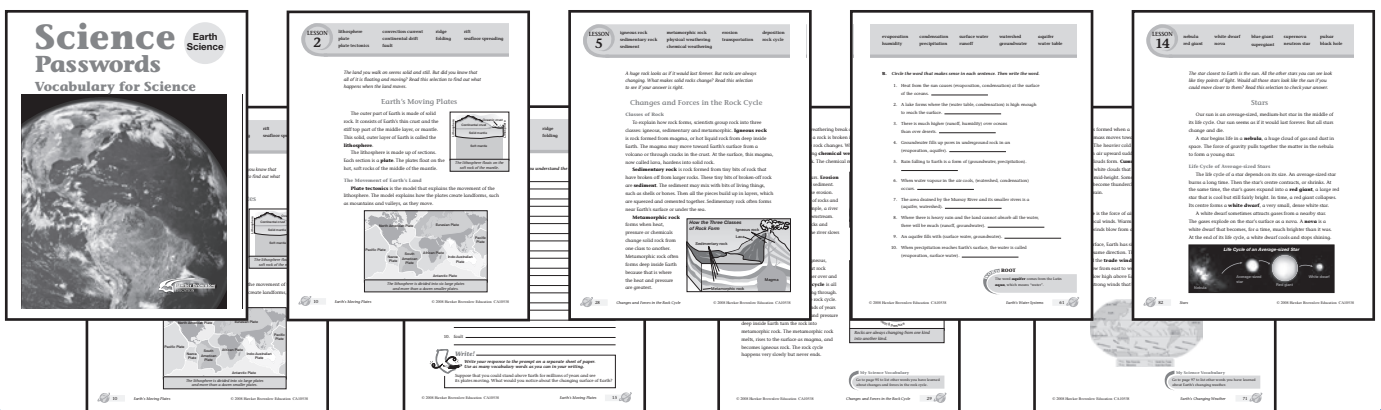
- Supplements science textbooks and prepares for testing in science
- Provides targeted vocabulary practice for struggling readers
- Promotes content literacy for intermediate level English Language Learners

**Student Books feature:**

- Reading passages for developing vocabulary words in context
- Considerate text structure to facilitate learning
- Differentiated activities related to meaning and usage
- Illustrated glossary with definitions and pronunciations
- Space to create a personal science dictionary
- Word roots, prefixes and suffixes
- Writing in every lesson, applying what has been learned



visit [www.hbe.com.au](http://www.hbe.com.au) to view sample pages



The collage displays various pages from the Science Passwords series. It includes the front cover of the Earth Science book, a lesson page (Lesson 2) on Earth's Moving Plates with a diagram of plate tectonics, a lesson page (Lesson 5) on Changes and Forces in the Rock Cycle with a diagram of the rock cycle, a lesson page (Lesson 14) on the Life Cycle of an Amalgamated Atom with a diagram of an atom, and several pages showing student activities, including writing exercises and a glossary page.

# Audio CDs



Reading passages are also available on CD, for those students who would benefit from listening to the passage multiple times, including auditory learners and ELLs.

## Teacher Guides contains:

- Guided instruction and teaching strategies
- Reproducible graphic organisers for vocabulary and writing, word and definition cards
- Multi-step lesson plans
- A research summary

## For Years 7-10

### Topics in this series:

- Earth Science
- Life Science
- Physical Science

### Online Resources

- Sample lessons
- Program research summary

**TAKE HOME 6** fossil record species survival evolution instinct extinction adaptation natural selection diversity learned behaviour

Use vocabulary words to complete the puzzle.

### Adaptations

**ACROSS**

- a behaviour taught by parents to their young
- the continuing of a species
- differences among species
- the process of a species dying out
- a survival behaviour that does not have to be taught

**DOWN**

- a group of closely related living things
- the process by which species best suited to an environment survive
- a trait that makes a species more suited to its environment
- the slow change in a species by natural selection
- the history of life based on all the fossils

Tell someone in your family what you have learned about adaptations.

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the chest, thick gel between the cell membrane and the nucleus, and the other organelles that float in it

the rod-shaped organelles that make energy for a cell

the organelles that store things, such as food and water for the cell to use and wastes for the cell to discard

the organelles in a plant cell responsible for making food

the stringy, cell cover layer of a plant cell, located outside the cell membrane

the thick, soft outside surface of a cell that protects it and holds it together

focus

retina

rod cell

cone cell

lens

optic nerve

08-175-09

Passwords: Science Vocabulary							
	Recommended Year	Student Books \$24.95	Qty	Teacher Guides \$24.95	Qty	Audio CD \$24.95	Qty
Earth Science	7-10	CA10538		CA105389		CA10550	
Life Science	7-10	CA10539		CA105399		CA10551	
Physical Science	7-10	CA10540		CA105409		CA10552	

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