

INTERNATIONAL STUDENT EDITION

www.irLanguage.com

Reading & Vocabulary Development

3

Cause & Effect

FOURTH EDITION

مرجع زبان ایرانیان
www.irLanguage.com



Patricia Ackert | Linda Lee

Contents

<i>To the Instructor</i>	<i>v</i>
<i>Acknowledgments</i>	<i>ix</i>

Unit 1 Explorers 1

Lesson 1	Burke and Wills: Across Australia	2
Lesson 2	Alexandra David-Neel: A French Woman in Tibet	10
Lesson 3	Vitus Bering: Across Siberia to North America	20
Lesson 4	Robert Scott: A Race to the South Pole	29
Lesson 5	Into the Deep: Ocean Exploration	40
Extension Activities		
	Video Highlights: CNN Video, <i>Deep Sea Exploration</i>	50
	Activity Page: Adventure Trail	52
	Dictionary Page: Understanding Definitions	53

Unit 2 World Issues 55

www.irLanguage.com

Lesson 1	World Population Growth	56
Lesson 2	Changes in the Family	68
Lesson 3	Women and Change	78
Lesson 4	Rain Forests	88
Lesson 5	The Garbage Project	98
Extension Activities		
	Video Highlights: CNN Video, <i>Lalita's Story</i>	107
	Activity Page: Crossword Puzzle	109
	Dictionary Page: Working with Word Forms	110

Unit 3 A Mishmash, or Hodgepodge 111

Lesson 1	Roadrunners	112
Lesson 2	Afraid to Fly	122
Lesson 3	Languages and Language Diversity	132
Lesson 4	Skyscrapers	143
Lesson 5	Left-Handedness	153
Extension Activities		
	Video Highlights: CNN Video, <i>The Green Skyscraper</i>	163
	Activity Page: Familiar Phrases	165
	Dictionary Page: Understanding Grammar Codes	166

 **Unit 4 Science 167**

Lesson 1	Biospheres in Space	168
Lesson 2	Earthquakes	177
Lesson 3	Snow and Hail	189
Lesson 4	Photovoltaic Cells: Energy Source of the Future	198
Lesson 5	Biological Clocks	209

Extension Activities

Video Highlights: CNN Video, <i>Ozone Depletion</i>	220
Activity Page: Chemical Crossword Puzzle	222
Dictionary Page: Doing Dictionary Research	223

 **Unit 5 Medicine and Health 225**

Lesson 1	Headaches	226
Lesson 2	Sleep and Dreams	236
Lesson 3	Health Care and Epidemics	246
Lesson 4	Medicine: From Leeches to Lasers	258
Lesson 5	Cholesterol and Heart Disease	268

Extension Activities

Video Highlights: CNN Video, <i>The Singing Doctor</i>	281
Activity Page: Who Said What?	283
Dictionary Page: Learning About Word Stress	285

<i>Vocabulary</i>	287
<i>Skills Index</i>	291

To the Instructor

Reading & Vocabulary Development 3: Cause & Effect is a best-selling beginning reading skills text designed for students of English as a second or foreign language who have a basic vocabulary in English of about 1,300 words. This text teaches about 700 more words.

Cause & Effect is one in a series of reading skills texts. The complete series has been designed to meet the needs of students from the beginning to the high intermediate levels and includes the following:

Reading & Vocabulary Development 1: Facts & Figures

Reading & Vocabulary Development 2: Thoughts & Notions

Reading & Vocabulary Development 3: Cause & Effect

Reading & Vocabulary Development 4: Concepts & Comments

In addition to the student text, an answer key, VHS, DVD, audio cassette, and audio CD are also available. *Cause & Effect* uses the following methodology:

- **Theme-based approach to reading.** Each of the five units has a theme such as world issues, science, or health.
- **Systematic presentation and recycling of vocabulary.** One of the primary tasks of students is developing a useful and personally relevant vocabulary base. In *Cause & Effect*, up to 24 words are introduced in each lesson. These words appear in boldface type. Those underlined are illustrated or glossed in the margin. All of the new vocabulary items are used several times in the lesson, and then are systematically recycled throughout the text.
- **Pedagogical design.** The central goal of *Cause & Effect* is to help students develop the critical reading skills they will need for academic, personal, and/or career purposes. By any standard, the range of exercise types in *Cause & Effect* is rich and varied. This text provides students with practice in comprehension, building vocabulary, making inferences, finding the main idea, determining cause and effect, scanning, summarizing, paraphrasing, understanding

the sequence of events, and learning to work more effectively with two-word verbs, compound words, connecting words, and noun substitutes.

Organization of *Cause & Effect*

Cause & Effect is organized into five units. Each unit contains five lessons packed with exercises and activities.

- **“Before You Read” Questions.** These pre-reading questions provide a motivation for reading the text.
- **Context Clues.** A context clue exercise at the beginning of each lesson introduces some of the vocabulary for the following lesson. This section is designed to pre-teach particularly important vocabulary items.
- **Vocabulary.** The first two exercises give practice with new words in a different context but with the same meaning.
- **Vocabulary Review.** Vocabulary items are used in subsequent texts and exercises to give additional review. They are fill-ins or matching synonyms and antonyms.
- **Comprehension.** First is a set of true/false, true/false/not enough information, or multiple choice questions. Then come comprehension questions, which include inference and discussion questions. The comprehension questions may also be given as written assignments.
- **Main Idea.** Students must choose the main idea of a paragraph from three possibilities.
- **Word Study.** A selection of word study exercises is provided at the end of each lesson. It reinforces structural points, such as verb forms, two-word verbs, and articles, that the students are learning in other classes. It also gives spelling rules for noun plurals and verb endings. Later units have charts of word forms. The exercises are not intended to be complete explanations and practice of the grammar points.
- **Writing.** Each lesson closes with a writing exercise.

- **Extension Activities.** Each unit ends with a set of high-interest, interactive tasks to help students practice the new vocabulary and the skills they have learned in more open-ended contexts.

CNN Video Highlights—The highlight of each set of extension activities is a short video-based lesson centered on a stimulating, authentic clip from the CNN video archives. Each video lesson follows the same sequence of activities:

Before You Watch encourages students to recall background knowledge based on their own experiences or from information presented in the readings.

As You Watch asks students to watch for general information such as the topic of the clip.

After You Watch gets the students to expand on the main points of the video by establishing further connections to the reading passages, their own experiences, and their ideas and opinions.

Activity Page—Games found on this page encourage students to practice the vocabulary and structures found in that unit's lessons in a relaxed, open-ended way.

Dictionary Page—Exercises on this page offer students practice with dictionary skills based on entries from *The Newbury House Dictionary of American English*.

- **Skills Index.** This index provides teachers and students with a handy reference for all of the reading and writing skills introduced in *Cause & Effect*, as well as all of the grammatical structures found in the text.

New to This Edition

The best-selling reading series just got better! The fourth edition of *Cause & Effect* contains new readings, new pedagogy, and new ancillaries.

- Four fresh new readings engage students in fascinating new topics. The new readings for this edition are as follows:

Unit 1, Lesson 5: Into the Deep: Ocean Exploration

Unit 2, Lesson 5: The Garbage Project

Unit 3, Lesson 3: Languages and Language Diversity

Unit 5, Lesson 4: Medicine: From Leeches to Lasers

- Thoroughly updated and checked for factual accuracy, each reading has been revised to include level-appropriate structures and vocabulary.

- New pedagogical design, photos, and illustrations aid student comprehension and ease navigation through the text.

- *ExamView® Pro* test-generating software allows instructors to create custom tests and quizzes.

- A new website (found at <http://elt.thomson.com/readingandvocabulary>) features vocabulary flashcards, cross-word puzzles, quizzes, and more to help students review for tests.

Acknowledgments

The authors and publisher would like to thank the following individuals who offered helpful feedback and suggestions for the revision of the *Reading & Vocabulary Development* series:

Brian Altano—Bergen Community College, Paramus, NJ

Benjamin Deleon—Delano High School, Delano, CA

Elaine Dow—Quinsigamond Community College,
Worcester, MA

Julia Karet—Chaffey College, Rancho Cucamonga, CA

Jane Sitko—Edmonds Community College, Lynnwood, WA