## **CONTENTS**

Scope & Sequence v

Preface viii Introduction Acknowledgm	xi ents xvi		
	ucation in Today's orld	2	
CHAPTER 1	Work and College: You can do both! <b>4</b> A Different Kind of College Student <b>15</b>		
CHAPTER 2  UNIT 2 Fai	A New Way to Apply to Coll The Right College for You mily Life	ege <b>28</b>	20
CHAPTER 4	How alike are identical twins? <b>34</b> Diary of a Father of Triplets A Healthy Diet for You and	45	
<b>UNIT 3</b> Ma	Your Family <b>52</b> Why do I eat when I'm not he king a Difference	nungry 70	v? <b>63</b>
CHAPTER 5	Volunteer Vacations 72		

Who volunteers? 82

Therapy 88

CHAPTER 6

Improving Lives with Pet

A New Way to Relieve Student Stress 99

## **UNIT 4** Technology Today and Tomorrow 104

CHAPTER **7** Robots: The Face of the Future **106** 

An Unusual Teacher 117

CHAPTER **8** A blind man sees again! **122** A Bionic Hug **131** 



## **UNIT 5** International Scientists

136

CHAPTER **9** Alfred Nobel: A Man of Peace **138**Choosing Nobel Prize

Winners 148

CHAPTER 10 Marie Curie: Nobel Prize

Winner **154** 

Irène Curie: Following in Her Mother's

Footsteps **165** 



## **UNIT 6** Earth's Resources and Dangers 170

CHAPTER **11** Oil as an Important World Resource **172** 

Fresh Water for the World 183

CHAPTER **12** Earthquakes: Powerful and Deadly **190** 

A Survivor's Story 200



Index of Key Words and Phrases 208
Skills Index 210
Credits 212
Notes 213

SCOPE & SEQUENCE					
Unit & Theme	Chapter	Reading Skills	Vocabulary Skills	Critical Thinking Skills	
UNIT 1 Education in Today's World Page 2	CHAPTER 1  Work and College: You can do both! Page 4  A Different Kind of College Student 15	Previewing a reading Recalling information Scanning for information Skimming for main idea Reading Skill Focus: Using headings to create an outline	Understanding meaning from context  Word Forms:  Identifying parts of speech: nouns and verbs  Understanding word connections	Creating a list Identifying reasons Developing ideas for the future Preparing a schedule Comparing schedules	
	CHAPTER 2  A New Way to Apply to College Page 20  The Right College for You 28	Previewing a reading Recalling information Scanning for information Reading Skill Focus: Organizing information in a chart	Understanding meaning from context  Word Forms:  Recognizing the suffixes -ion and -tion  Understanding content-specific vocabulary	Explaining opinions  Comparing colleges  Developing future plans  Designing a nontraditional college  Creating a video	
UNIT 2 Family Life Page 32	CHAPTER 3  How alike are identical twins? Page 34  Diary of a Father of Triplets 45	Previewing a reading Recalling information Scanning for information Skimming for main idea Reading Skill Focus: Understanding a bar graph	Understanding meaning from context  Word Forms:  Recognizing the suffix -ness  Understanding antonyms	Categorizing information Describing personality traits Explaining opinions Assessing advantages and disadvantages Preparing interview questions Discussing questions related to the chapter topic	
	CHAPTER 4  A Healthy Diet for You and Your Family Page 52  Why do I eat when I'm not hungry? 63	Previewing a reading Using a chart to answer questions Activating prior knowledge Scanning for information Skimming for main idea Reading Skill Focus: Creating a flowchart	Understanding meaning from context  Word Forms:  Recognizing the suffix -ment  Understanding synonyms	Discussing reasons Creating and comparing lists Writing about personal experiences Planning a healthy diet Comparing diets Evaluating a menu Reporting on a restaurant meal	

SCOPE & SEQUENCE						
Unit & Theme	Chapter	Reading Skills	Vocabulary Skills	Critical Thinking Skills		
UNIT 3 Making a Difference Page 70	CHAPTER 5  Volunteer Vacations Page 72  Who volunteers? 82	Previewing a reading Using a diagram to answer questions Scanning for information Recalling information Reading Skill Focus: Organizing information	Understanding meaning from context  Word Forms:  Recognizing the suffix -tion  Recognizing word connections	Evaluating volunteer organizations Explaining reasons Recording experiences Creating a list Preparing interview questions		
	CHAPTER 6	in a chart  Previewing a reading	Understanding	Discussing questions related to the chapter topic  Describing pets		
	Improving Lives with Pet Therapy Page 88 A New Way to Relieve Student Stress 99	Scanning for information Recalling information Reading Skill Focus: Understanding a pie chart	meaning from context  Word Forms:  Recognizing the suffix -ful  Prepositions that follow verbs	Writing about relaxation techniques Choosing pets for people Writing about past experiences Analyzing information Assessing needs and costs		
UNIT 4 Technology Today and Tomorrow Page 104	CHAPTER 7  Robots: The Face of the Future Page 106  An Unusual Teacher 117	Previewing a reading Making a list to answer questions Predicting content Skimming for main idea Reading Skill Focus: Understanding a pie chart	Understanding meaning from context  Word Forms:  Recognizing the suffix -ment  Recognizing connecting words	Predicting outcomes  Considering advantages and disadvantages  Illustrating a fictional robot  Explaining opinions  Designing an advertisement  Creating and comparing lists		
	CHAPTER 8  A blind man sees again! Page 122  A Bionic Hug 131	Previewing a reading Scanning for information Understanding types of questions Recalling information Reading Skill Focus: Understanding a graphic	Understanding meaning from context  Word Forms:  Recognizing the suffix -ness  Understanding antonyms	Identifying types of technology Explaining opinions Writing about experiences Researching medical technology Creating and comparing lists		

SCOPE & SEQUENCE					
Unit & Theme	Chapter	Reading Skills	Vocabulary Skills	Critical Thinking Skills	
UNIT 5 International Scientists Page 136	CHAPTER 9  Alfred Nobel: A Man of Peace Page 138  Choosing Nobel Prize Winners 148  CHAPTER 10  Marie Curie: Nobel Prize Winner Page 154  Irène Curie: Following in	Previewing a reading Activating prior knowledge Scanning for information Reading Skill Focus: Creating a chart to summarize a reading  Previewing a reading Predicting content Scanning for information Skimming for main idea	Understanding meaning from context  Word Forms:  Recognizing the suffixes -ion and -ation  Recognizing the prefix un—  Understanding meaning from context  Word Forms:  Recognizing the suffixes -ance and -ence	Preparing instructions  Describing Nobel Prize nominees and winners  Recording an autobiography  Developing a fictional Nobel Prize category  Evaluating Nobel Prize categories  Researching past Nobel Prize winners  Examining reasons  Preparing an autobiography or biography  Describing experiences  Predicting experiences	
UNIT 6 Earth's Resources and Dangers Page 170	Her Mother's Footsteps 165  CHAPTER 11  Oil as an Important World Resource Page 172  Fresh Water for the World 183	Reading Skill Focus: Understanding a timeline Previewing a reading Creating a list to answer questions Recording answers in a flowchart Scanning for information Skimming for main idea Reading Skill Focus: Understanding a bar graph	Understanding synonyms  Understanding meaning from context  Word Forms:  Recognizing the suffix -tion  Understanding synonyms	Researching a historical figure Assessing discoveries Considering advantages Describing scientific processes Evaluating scientific advances Inferring potential scenarios Creating and comparing lists Evaluating a process Researching energy types	
	CHAPTER 12  Earthquakes: Powerful and Deadly Page 190  A Survivor's Story 200	Previewing a reading Scanning for information Recalling information Reading Skill Focus: Using an illustration and text to create a flowchart	Understanding meaning from context  Word Forms:  Recognizing the suffix -ment  Understanding antonyms	Interviewing people Writing about experiences Developing a plan of action Describing an earthquake Labeling a map Analyzing statistics in a chart Creating a plan of action Researching natural disasters	