REVISED SECOND SECOND EDITION

# Geography

People and Places in a Changing World

Paul Ward English



# People and Places in a Changing World

Revised Second Edition



# Paul Ward English

Professor, Department of Geography and Middle Eastern Studies University of Texas at Austin

with the assistance of
Brian Robinson
Elgin Independent School District



Acknowledgments begin on page 733, which is to be considered an extension of this copyright page.

Student Edition: 0-314-20146-7

Published by National Textbook Company, a division of NTC/Contemporary Publishing Group, Inc., 4255 West Touhy Avenue, Lincolnwood (Chicago), Illinois 60712-1975 USA

© 1997 NTC/Contemporary Publishing Group, Inc.

All rights reserved. No part of this book may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without prior permission of the publisher.

Printed in Canada.

01 00 87

## Acknowledgments

In my professional life, I have known several people who have dedicated their lives to education and to the production of good books. This book has benefitted from the contributions of such people.

The work of my colleagues and co-authors on the first edition of this text, Ed Lindop and Alice Schule, continues to focus and strengthen this new edition. Alice is remembered fondly, and this work is a credit to her commitment to excellence.

The new and expanded map program was refined through the efforts of Richard W. Wilkie, Ph.D. and Ute Dymon, Ph.D. (with the assistance of Mbobi E. Kiloson).

The comments and suggestions of Sarah Bednarz on the final draft of this manuscript deserve special thanks. Her expertise extends beyond geography to the unique demands of a textbook. Other individuals who made special contributions are Lois Helvey, Gerri Benigsen, and Sherry Henderson.

In addition to creating the new summaries, Quinton Priest developed the material in the teacher's wraparound edition, an extraordinary task. Carolyn McGovern did a meticulous editing job. Gary Hespenheide of Hespenheide Design is responsible for the beautiful design of this book, and for the extraordinary production work.

Many people at West Publishing Company have made invaluable contributions, but I would especially like to thank Carole Grumney and Lynn Bruton for their dedication, unfailing support, and endless hours of work.

—Paul Ward English

### Reviewers/Consultants

The author and the publisher would like to thank the following reviewers/consultants for their valuable comments and suggestions throughout the development of this textbook:

Sarah W. Bednarz, Ph.D. Texas A & M University

Debra Bickford

Hillside Junior High School

California

John Bickford

Sequoia Junior High School

California

Ute Dymon, Ph.D. Kent State University

Ohio

**Jeff Hackman** 

Western Mennonite High School

Oregon

Redginald R. Heth Healdsburg High School

California Lois Helvey

St. Bonaventure High School

California

Sherry Henderson

Northbrook High School

Texas

Evelyn R. Hill

Shadowlawn Middle School

Tennessee

Carol Laramore

Marianna High School

Florida

Barbara MacDonald

Glen Oaks High School

Louisiana

Joe Margraff

Incarnate Word Academy

Missouri

Dale W. Martens

Fairmont High School

Minnesota

Michael Martin

Maumee High School

Ohio

LTC Frank S. Meredith, Jr. Missouri Military Academy

Missouri

Mary Jo Morton

Marianna High School

Florida

Quinton Priest, Ph.D.

Green Fields Country Day School

Arizona

Thomas L. Pumphrey

Marianna High School

Florida

John P. Reager

Samuel E. Shull School

New Jersey

Richard W. Wilkie, Ph.D.

University of Massachusetts (Amherst)

# To the Student-Geographer

The second edition of *Geography: People and Places* in a Changing World is a clearly written, carefully organized geography of the world. It tells the story of where we are now, and of where we seem to be heading. It outlines the two great challenges we face—providing for people and preserving our planet.

Geography: People and Places in a Changing World, Second Edition, is designed to interest you, to be easy to use, and to enlarge and enrich your appreciation of the world, a world you share with more than five billion other people. This opening statement explains how the book has been organized to make it up-to-date, relevant, helpful, and exciting.

### How this Book is Organized

Geography: People and Places in a Changing World, Second Edition, is divided into twelve units. Unit 1 introduces geography and describes the environments of our planet.

Units 2 through 6 discuss the wealthiest and most powerful of the world culture regions: Western Europe, the Commonwealth of Independent States and Eastern Europe, the United States and Canada, Japan and the two Koreas, and the Pacific World.

These are five world regions in which science and technology have enabled a number of peoples with different backgrounds and environments to achieve and enjoy a level of well-being rarely known before on this planet. Most (the CIS and Eastern Europe excepted) have diversified economies, abundant access to resources, high levels of urbanization, slow-growing populations, and rising incomes.

Units 7 through 12 discuss the remaining six world culture regions: Latin America, Africa south of

the Sahara, the Middle East and North Africa, China, South Asia, and Southeast Asia.

These six world regions have not fully achieved the high living standards that science and technology can provide, although great differences among countries and regions exist. Most have economies based on farming, poorly developed resources, slow rates of industrialization, rapidly growing populations, and stable or slow-growing incomes. These people are struggling to gain the levels of well-being enjoyed by their wealthier neighbors.

The characteristics of many regions are influenced by two contradictory forces: (1) fusion, the merging together into multinational units and (2) fission, the breaking apart of national units divided by race, religion, language, or economic disparities. Recent examples of *fusion* are the growth of the European Community (EC), the union of Canada, Mexico, and the United States in passing NAFTA (the North American Free Trade Agreement), and the spread of multinational corporations around the globe. Fission is seen in dramatic form in the collapse of the Soviet Union, civil war and disorder in Africa south of the Sahara, and religious and ethnic riots in India. Fusion directly aims at facing environmental and human challenges; fission makes progress more difficult to achieve.

### How Units Are Organized

After Unit 1, each unit in *Geography: People and Places in a Changing World, Second Edition,* is devoted to one world culture region that is discussed in two or three chapters. The first chapter in each unit discusses the physical and human geographies of the

region being studied. Detailed, accurate regional descriptions make up the bulk of these chapters. These chapters explain, for example, how the Industrial Revolution transformed Western Europe; how population pressure on the land plagues China; how India's unique environment creates problems of food production; and how Japan succeeds despite few natural resources.

The second chapter in each unit discusses the contemporary geography of the region being studied, including many geographical problems of current concern. These chapters explain, for example, why the U.S.S.R. collapsed; the retreat of Communism; Latin America's effort to cope with growing city populations; how the United States is changing from an industrial to a postindustrial society; and how environmental damage throughout the tropics threatens economic development and the global environment.

### **Unit and Chapter Features**

All units are organized simply, directly and in a consistent manner for ease of use. At the beginning of each unit you will find six special elements. A Unit Introduction and a list of Unit Objectives provide a preview of what the unit covers and what goals you can achieve. Skills Highlighted lists the skills that will be emphasized throughout the unit. A wide variety of skills are treated, with special emphasis on map skills. The heart of the extensive map program in Geography: People and Places in a Changing World, Second Edition, is the Miniatlas at the beginning of each unit. The Miniatlas contains full-color physical, political and population maps of the region treated in the unit. This makes study and reference especially easy. Within each unit, detailed regional maps provide up-close information at a more detailed level, and additional special-purpose maps help enrich and clarify the study of geography. At a Glance contains basic statistics for all countries in the region under study in an easy to read table. Keys to Knowing is a brief sketch of the most essential information presented in the unit.

Each chapter contains three additional special features—Close-Up, Discovering, and It's a Fact. Close-Up articles are an in-depth look at an aspect of the region being studied. Discovering sections contain interesting information about geography from a human perspective. Each of these is linked to one of

the themes of geography—location, place, peopleenvironment relations, movement, and region. It's a Fact, found in boxes throughout the chapters, contain very short, memorable bits of information that will enliven your study of the region.

A multitude of sources have been examined to provide a current, accurate picture of the world. Most place names are consistent with those used in the National Geographic Atlas of the World, Revised Sixth Edition. Population and per capita income figures are based on the Population Reference Bureau's World Population Data Sheet. City populations are taken from many census and other sources; here estimates vary widely. Every effort has been made to use these sources to provide a clear presentation of the many changes in progress around the globe.

Testing and review methods that enable you to understand and remember geography have a high priority in this book. At the end of each unit there is a Unit Review containing exercises on human geography and physical geography, plus a writing activity to assist you in your studying and mastering of the unit material. The chapters are broken into easy-to-manage sections. Each section concludes with Review Questions and Thought Questions. At the end of each chapter, Exercises and Skills will help you apply chapter information and build your geography skills. Photo captions are informative and include thoughtprovoking questions that enrich the chapter content.

A very special feature of this text is the exclusive availability of the CNN Geography Update. This video update is produced by Turner Educational Services, using the resources of CNN, the world's first 24-hour, all-news network. West Educational Publishing is proud to be the exclusive educational partner of CNN for textbook/video integration in high school geography. With the CNN Geography Update you can enjoy the power of CNN, the network known for providing in-depth, live coverage and analysis of breaking news events, in your geography class. The CNN Geography Update is available exclusively with this text.

All the features included in this text will help you to understand the world. They will also prepare you to evaluate and analyze information as you master essential geography skills and concepts. They will prepare you to understand the challenges of today providing for people and preserving the planet.



Unit 1 World Geography	2	Unit 7 Latin America	386
Chapter 1 Learning the Geography		Chapter 16 Latin America:	
of Our Planet	13	Two Cultures Collide	397
Chapter 2 Earth Environments	39	Chapter 17 The Lands and	
Chapter 3 People Change the World	79	Peoples of Middle America	421
		Chapter 18 The Many Lands	
Unit 2 Western Europe	104	of South America	443
Chapter 4 The Varied Landscapes			
and Peoples of Western Europe	111	Unit 8 Africa South of the Sahara	464
Chapter 5 The Renewal of Western Europe	139	Chapter 19 African Economies and Societies	473
		Chapter 20 Tradition and Change in Africa	491
Unit 3 The Commonwealth			
of Independent States	1.00	<b>Unit 9 The Middle East</b>	
and Eastern Europe	166	and North Africa	520
Chapter 6 The Lands and Peoples of the	N Santa	Chapter 21 The Lands and Peoples	
Commonwealth of Independent States	173	of the Middle East and North Africa	527
Chapter 7 The Commonwealth	101	Chapter 22 Conflict at the Crossroads	549
of Independent States in Transition	191 221	1	
Chapter 8 Eastern Europe	221	Unit 10 China	566
<b>Unit 4 The United States</b>		Chapter 23 Environments and	000
and Canada	236	Peoples of China	573
Chapter 9 Environments and		Chapter 24 China, Asia's Awakening Giant	591
Economies of the United States	243	compete 21 comments of the com	
Chapter 10 The United States in Change	271	Unit 11 South Asia	608
Chapter 11 Canada	295		
		Chapter 25 Land and People in South Asia	615
Unit 5 Japan and the Two Koreas	310	Chapter 26 Development, Disunity, and Change in South Asia	629
Chapter 12 Japan Enters the Modern World	317	Change in South Asia	029
Chapter 13 Japan and the		Heit 12 Conthocat Acia	(50
Two Koreas Today	329	Unit 12 Southeast Asia	650
		Chapter 27 Environments, Peoples,	
Unit 6 The Pacific World	350	and Economies	657
Chapter 14 Australia and		Chapter 28 Culture and Economic	(71
New Zealand in the Pacific World	357	Change in Southeast Asia	671
Chapter 15 The Pacific World in Transition	373		

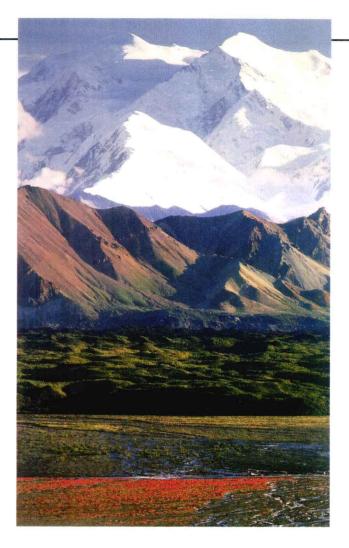


Maps and Figures xxv End-of-Chapter Skills xxviii To the Student-Geographer xxxi  Unit 1  World Geography 2  Miniatlas 4  Keys to Knowing the Earth 12  Chapter 1  Learning the Geography of Our Planet 14  DISCOVERING Location: Where You Are: Working with Longitude and Latitude 22  Review Questions 18  Thought Questions 28  Review Questions 34  Chapter 1 Exercises 35  Find the Correct Term 35  Complete the Sentences 35  Past or Present? 36  Chapter 1 Skills 36  Reading Diagrams 36  Comparing Diagrams 37		
End-of-Chapter Skills To the Student-Geographer  World Geography  Miniatlas Keys to Knowing the Earth  Chapter 1 Learning the Geography of Our Planet  13  1. Planet Earth DISCOVERING Location: Where You Are: Working with Longitude and Latitude Review Questions Thought Questions 28  2. Learning Geography: Five Themes Review Questions Thought Questions Thought Questions Chapter Summary  Chapter 1 Exercises Find the Correct Term Complete the Sentences Past or Present? Inquiry The Five Themes of Geography Chapter 1 Skills Reading Diagrams Comparing Diagrams Comp	Maps and Figures	XXV
Unit 1 World Geography  Miniatlas  Keys to Knowing the Earth  Chapter 1 Learning the Geography of Our Planet  13  1. Planet Earth  DISCOVERING Location: Where You Are: Working with Longitude and Latitude  Review Questions Thought Questions 28  2. Learning Geography: Five Themes Review Questions Thought Questions 34 Thought Questions 34 Chapter Summary  Chapter 1 Exercises Find the Correct Term Complete the Sentences Past or Present? Inquiry The Five Themes of Geography  Chapter 1 Skills Reading Diagrams Comparing Diagrams  Comparing Diagrams  Comparing Diagrams  Comparing Diagrams  Comparing Diagrams  36  Comparing Diagrams  37		xxviii
World Geography  Miniatlas  Keys to Knowing the Earth  Chapter 1  Learning the Geography of Our Planet  13  1. Planet Earth  DISCOVERING Location:  Where You Are: Working with  Longitude and Latitude  Review Questions  Thought Questions  28  2. Learning Geography: Five Themes  Review Questions  Thought Questions  34  Thought Questions  34  Chapter Summary  Chapter 1 Exercises Find the Correct Term  Complete the Sentences  Past or Present? Inquiry The Five Themes of Geography  Chapter 1 Skills  Reading Diagrams  Comparing Diagrams  Comparing Diagrams  Comparing Diagrams  36  Comparing Diagrams  37	To the Student-Geographer	xxxi
World Geography  Miniatlas  Keys to Knowing the Earth  Chapter 1  Learning the Geography of Our Planet  13  1. Planet Earth  DISCOVERING Location:  Where You Are: Working with  Longitude and Latitude  Review Questions  Thought Questions  28  2. Learning Geography: Five Themes  Review Questions  Thought Questions  34  Thought Questions  34  Chapter Summary  Chapter 1 Exercises Find the Correct Term  Complete the Sentences  Past or Present? Inquiry The Five Themes of Geography  Chapter 1 Skills  Reading Diagrams  Comparing Diagrams  Comparing Diagrams  Comparing Diagrams  36  Comparing Diagrams  37		
Miniatlas Keys to Knowing the Earth  Chapter 1 Learning the Geography of Our Planet  13  1. Planet Earth DISCOVERING Location: Where You Are: Working with Longitude and Latitude Review Questions Thought Questions 28  2. Learning Geography: Five Themes Review Questions Thought Questions Thought Questions Thought Questions Thought Plexercises Find the Correct Term Complete the Sentences Past or Present? Inquiry The Five Themes of Geography Chapter 1 Skills Reading Diagrams Comparing Di	Unit 1	
Miniatlas Keys to Knowing the Earth  Chapter 1 Learning the Geography of Our Planet  13  1. Planet Earth DISCOVERING Location: Where You Are: Working with Longitude and Latitude Review Questions Thought Questions 28  2. Learning Geography: Five Themes Review Questions Thought Questions Thought Questions Thought Questions Thought Plexercises Find the Correct Term Complete the Sentences Past or Present? Inquiry The Five Themes of Geography Chapter 1 Skills Reading Diagrams Comparing Di	World Geography	2
Chapter 1 Learning the Geography of Our Planet  1. Planet Earth  DISCOVERING Location: Where You Are: Working with Longitude and Latitude  Review Questions Thought Questions  Review Questions  Review Questions Thought Questions  34 Thought Questions 34 Chapter Summary  Chapter 1 Exercises Find the Correct Term Complete the Sentences Past or Present? Inquiry The Five Themes of Geography  Chapter 1 Skills Reading Diagrams Comparing Diagrams  Comparing Diagrams  Comparing Diagrams  Comparing Diagrams  Comparing Diagrams  Comparing Diagrams  Comparing Diagrams  36  Comparing Diagrams  37		4
Chapter 1 Learning the Geography of Our Planet 13  1. Planet Earth 14  DISCOVERING ■ Location: Where You Are: Working with Longitude and Latitude 22  Review Questions 28  Thought Questions 28  2. Learning Geography: Five Themes 28  Review Questions 34  Thought Questions 34  Chapter Summary 34  Chapter 1 Exercises 35  Find the Correct Term 35  Complete the Sentences 35  Past or Present? 35  Inquiry 36  Chapter 1 Skills 36  Reading Diagrams 36  Comparing Diagrams 36  Comparing Diagrams 37		12
Learning the Geography of Our Planet  1. Planet Earth  DISCOVERING ■ Location: Where You Are: Working with Longitude and Latitude  Review Questions Thought Questions  28  28  2. Learning Geography: Five Themes  Review Questions Thought Questions Thought Questions Thought Questions Chapter Summary  34  Chapter 1 Exercises Find the Correct Term Complete the Sentences Past or Present? Inquiry The Five Themes of Geography  Chapter 1 Skills Reading Diagrams Comparing Diagrams  36  Comparing Diagrams 37	G G	
Learning the Geography of Our Planet  1. Planet Earth  DISCOVERING ■ Location: Where You Are: Working with Longitude and Latitude  Review Questions Thought Questions  28  28  2. Learning Geography: Five Themes  Review Questions Thought Questions Thought Questions Thought Questions Chapter Summary  34  Chapter 1 Exercises Find the Correct Term Complete the Sentences Past or Present? Inquiry The Five Themes of Geography  Chapter 1 Skills Reading Diagrams Comparing Diagrams  36  Comparing Diagrams 37	Chapter 1	
Of Our Planet1. Planet Earth14DISCOVERING ■ Location: Where You Are: Working with Longitude and Latitude22Review Questions28Thought Questions282. Learning Geography: Five Themes28Review Questions34Thought Questions34Chapter Summary34Chapter I Exercises35Find the Correct Term35Complete the Sentences35Past or Present?35Inquiry36The Five Themes of Geography36Chapter 1 Skills36Reading Diagrams36Comparing Diagrams36	Learning the Geography	
1. Planet Earth  DISCOVERING Location: Where You Are: Working with Longitude and Latitude  Review Questions Thought Questions  28  2. Learning Geography: Five Themes Review Questions Thought Questions Thought Questions Thought Questions Chapter Summary  34  Chapter 1 Exercises Find the Correct Term Complete the Sentences Past or Present? Inquiry The Five Themes of Geography  Chapter 1 Skills Reading Diagrams Comparing Diagrams  36  Comparing Diagrams 37	of Our Planet	12
DISCOVERING Location: Where You Are: Working with Longitude and Latitude  Review Questions Thought Questions  28  Review Questions Thought Questions 34  Thought Questions Thought Questions Thought Questions Chapter Summary  34  Chapter 1 Exercises Find the Correct Term Complete the Sentences Past or Present? Inquiry The Five Themes of Geography  Chapter 1 Skills Reading Diagrams Comparing Diagrams  36  Comparing Diagrams 37	of our Franci	13
Where You Are: Working with Longitude and Latitude 22  Review Questions 28 Thought Questions 28  2. Learning Geography: Five Themes 28 Review Questions 34 Thought Questions 34 Chapter Summary 34  Chapter 1 Exercises 35 Find the Correct Term 35 Complete the Sentences 35 Past or Present? 35 Inquiry 36 The Five Themes of Geography 36  Chapter 1 Skills 36 Reading Diagrams 36 Comparing Diagrams 37	1. Planet Earth	14
Longitude and Latitude22Review Questions28Thought Questions28Learning Geography: Five Themes28Review Questions34Thought Questions34Chapter Summary34Chapter I Exercises35Find the Correct Term35Complete the Sentences35Past or Present?35Inquiry36The Five Themes of Geography36Chapter 1 Skills36Reading Diagrams36Comparing Diagrams36	DISCOVERING Location:	
Review Questions Thought Questions  28  28  29  2. Learning Geography: Five Themes Review Questions Thought Questions Thought Questions Chapter Summary  34  Chapter 1 Exercises Find the Correct Term Complete the Sentences Past or Present? Inquiry The Five Themes of Geography  Chapter 1 Skills Reading Diagrams Comparing Diagrams 36  Comparing Diagrams 37	Where You Are: Working with	
Thought Questions  28  2. Learning Geography: Five Themes  Review Questions Thought Questions Chapter Summary  34  Chapter I Exercises Find the Correct Term Complete the Sentences Past or Present? Inquiry The Five Themes of Geography  Chapter 1 Skills Reading Diagrams Comparing Diagrams 36  Comparing Diagrams 37	Longitude and Latitude	22
Thought Questions 28  2. Learning Geography: Five Themes 28  Review Questions 34  Thought Questions 34  Chapter Summary 34  Chapter 1 Exercises 35  Find the Correct Term 35  Complete the Sentences 35  Past or Present? 35  Inquiry 36  Inquiry 36  Chapter 1 Skills 36  Reading Diagrams 36  Comparing Diagrams 37	Review Ouestions	28
2. Learning Geography: Five Themes  Review Questions Thought Questions Chapter Summary  34  Chapter 1 Exercises Find the Correct Term Complete the Sentences Past or Present? Inquiry The Five Themes of Geography  Chapter 1 Skills Reading Diagrams Comparing Diagrams 36  Comparing Diagrams 37		28
Review Questions34Thought Questions34Chapter Summary34Chapter I Exercises35Find the Correct Term35Complete the Sentences35Past or Present?35Inquiry36The Five Themes of Geography36Chapter 1 Skills36Reading Diagrams36Comparing Diagrams36		
Thought Questions Chapter Summary  Chapter 1 Exercises Find the Correct Term Complete the Sentences Past or Present? Inquiry The Five Themes of Geography  Chapter 1 Skills Reading Diagrams Comparing Diagrams 34 34 35 36 36 36 36 37	2. Learning Geography: Five Themes	28
Chapter Summary  Chapter 1 Exercises  Find the Correct Term  Complete the Sentences  Past or Present?  Inquiry  The Five Themes of Geography  Chapter 1 Skills  Reading Diagrams  Comparing Diagrams  34  35  36  36  36  37	Review Questions	34
Chapter 1 Exercises Find the Correct Term 35 Complete the Sentences Past or Present? 35 Inquiry 36 The Five Themes of Geography 36 Chapter 1 Skills Reading Diagrams 36 Comparing Diagrams 37	Thought Questions	0 1
Find the Correct Term 35 Complete the Sentences 35 Past or Present? 35 Inquiry 36 The Five Themes of Geography 36 Chapter 1 Skills 36 Reading Diagrams 36 Comparing Diagrams 37	Chapter Summary	34
Find the Correct Term  Complete the Sentences  Past or Present?  Inquiry  The Five Themes of Geography  Chapter 1 Skills  Reading Diagrams  Comparing Diagrams  35  36  37	Chapter 1 Exercises	35
Past or Present? 35 Inquiry 36 The Five Themes of Geography 36  Chapter 1 Skills 36 Reading Diagrams 36 Comparing Diagrams 37	•	35
Past or Present?  Inquiry 36 The Five Themes of Geography 36  Chapter 1 Skills Reading Diagrams 36  Comparing Diagrams 37		35
The Five Themes of Geography  36  Chapter 1 Skills  Reading Diagrams  Comparing Diagrams  37		
Chapter 1 Skills36Reading Diagrams36Comparing Diagrams37		36
Reading Diagrams 36 Comparing Diagrams 37	The Five Themes of Geography	36
Reading Diagrams 36 Comparing Diagrams 37	Chapter 1 Skills	36
Comparing Diagrams 37		36
Vocabulary Skills 37	Vocabulary Skills	37

viii

Earth Environments	39
1. The Surface of the Earth	40
DISCOVERING ■ <b>Region:</b> Volcanoes, the "Ring of Fire,"  and Plate Tectonics	12
CLOSE-UP: Surtsey, One of the Newest Places on Earth	46
DISCOVERING Location:  Topographic Maps	50
Thought Questions	51 51 52
2. Elements and Global Distribution of Climates	53
	61
3	61 62
3. Climates, Vegetation, and Soils	63
DISCOVERING ■ People-Environment: Biosphere 2, Spaceship Earth	66
The view Questions	69
1110110111	69 69





4. Changing Environments: An Altered Planet	70
Review Questions Thought Questions Section 4 Vocabulary Skills Chapter Summary	75 75 75 75
Chapter 2 Exercises Complete the Sentences Matching Inquiry	76 76 76 76
Chapter 2 Skills Using a Table Exploring the Unit Miniatlas Using Physical Features Map Using a Climate Map	77 77 77 77 78
Reading a Diagram of Vegetation and Soils	78

<b>Chapter 3 People Change the World</b>	79
1. Earth Environments and People—This Human World Review Questions Thought Questions	80 82 82
2. The Environmental Transformation	82
DISCOVERING ■ <b>Region:</b> <i>The Fertile Crescent of the Middle East</i>	83
Review Questions Thought Questions	85 85
3. The Scientific Transformation	86
DISCOVERING <b>■ People-Environment:</b> <i>Major Inventions of the 1700s and 1800s</i>	89
Review Questions Thought Questions	91 91
4. Our Human World Today	91
DISCOVERING <b>■ Region:</b> What Is a Region?	94
Review Questions Thought Questions Chapter Summary	99 99 99
Chapter 3 Exercises One Wrong Word Find the Correct Ending Inquiry	100 100 100 100
Chapter 3 Skills Reading Graphs That Show World Population Using a Population Map of the World's Young People	101 101 101
Vocabulary Skills	102
Unit 1 Review Which Ending? Beginnings and Endings Writing Skills Activities	103 103 103 103

Unit 2		2.
Western Europe	104	
Keys to Knowing Western Europe	106	
Miniatlas	107	
At a Glance	110	
Chapter 4 The Varied Landscapes and Peoples of Western Europe	111	
1. Regions and Countries	111	3.
of Western Europe	112	3.
Review Questions	113	
Thought Questions	114	
DISCOVERING Location:		
The Land Hemisphere	114	4.
		4.
		Cŀ

2. The British Isles and Northern Europe	115
CLOSE-UP: The Seven Microstates of Western Europe	116
DISCOVERING Location: Site and Situation, a Tale of Two Cities	119
DISCOVERING <b>People-Environment:</b> Striking Oil in the North Sea	123
Review Questions Thought Questions	124 124
3. Continental Europe	124
DISCOVERING ■ <b>People-Environment:</b> <i>Super Dike: The Dutch Battle the Sea</i>	128
Review Questions Thought Questions	131 131
4. Mediterranean Europe  Review Questions Thought Questions Chapter Summary	132 136 136 136
Chapter 4 Exercises Missing Terms True or False? Inquiry	137 137 137 137
<b>Chapter 4 Skills</b> Finding the Right Map or Globe Learning More About Hemispheres Vocabulary Skills	137 137 138 138
Chapter 5 The Renewal of Western Europe	120
1. The Industrialization	139
of Western Europe  DISCOVERING   Place:	140
Frankenstein's Monster	140
and the Industrial Age	142

DISCOVERING Movement:		Unit 3	
Railroads, Coal, and Iron in Industrial Europe	144	The Commonwealth of	
•			
Review Questions	145	<b>Independent States and</b>	
Thought Questions	145	Eastern Europe	166
2. A New International Economy	145	Keys to Knowing the Commonwealth of	
Review Questions	146	Independent States and Eastern Europe	168
Thought Questions	146	Miniatlas At a Glance	169 172
3. The European Scene		CI	
Before World War I	147	Chapter 6	
Review Questions	148	The Lands and Peoples	
Thought Questions	148	of the Commonwealth of	
4. The Decline of Europe	148	<b>Independent States</b>	173
Review Questions	151	1. Environmental Regions	174
Thought Questions	151	Review Questions	179
		Thought Questions	179
5. Building a New Economy	150	Thought Queenone	1,,,
in Western Europe	152	2. The Creation of a Russian Empire	179
Review Questions	160	DISCOVERING Place:	
Thought Questions	160	St. Petersburg, Russia's Window	
6. Problems Caused by Urban		on the West	181
Industrial Concentrations	160	Daview Overticus	102
Review Questions	162	Review Questions Thought Questions	183 183
Thought Questions	162	Thought Questions	103
Chapter Summary	162	3. The Communists Take Control	
Chapter 5 Exercises	163	of Russia	184
Two Correct Sentences	163	Review Questions	187
Name the Missing Country	163	Thought Questions	187
Inquiry	163	Chapter Summary	187
Chapter 5 Skills	164	Chapter 6 Exercises	188
Understanding Chronology	164	Which Came First?	188
Vocabulary Skills	164	True or False?	188
Unit 2 Review	165	Inquiry	188
Human Geography	165	Chapter 6 Skills	189
Physical Geography	165	Using Historical Maps	189
Writing Skills Activities	165	Locating the CIS's Neighbors	189
, and the second		Learning About Distances	189
		Using Physical Maps	189
		Vocabulary Skills	190

Chapter 7 The Commonwealth of Independent States in		Chapter 7 Exercises Choose the Correct Ending Missing Terms Inquiry	218 218 218 218
Transition	191	Chapter 7 Skills	219
a mile of the sector Fronts	100	Understanding International Time Zones	219
1. The Collapse of the Soviet Empire	192	How Many Time Zones?	220
Review Questions	197	Noon in Greenwich	220
Thought Questions	197	Crossing the International Date Line	220
2. The Commonwealth of Independent States	198	Vocabulary Skills	220
		Chapter 8	
DISCOVERING People-Environment:		Eastern Europe	221
Death by Ecology: The Poisoning of the Soviet Empire	204	Editor	221
		1. The Regions of Eastern Europe	222
Review Questions	207	Review Questions	224
Thought Questions	207	Thought Questions	224
CLOSE-UP: Will Russia Fall Apart?			
Will Russia Fall Apart?	208	2. A Mixture of Peoples	225
2 The Francisco Transition	212	Review Questions	228
3. The Economy in Transition	212	Thought Questions	228
Review Questions	217		
Thought Questions Chapter Summary	217 217	3. Peoples and Resources	220
Chapter Summary	217	in Eastern Europe	228
		DISCOVERING <b>Place:</b>	
		War and Peace in Bosnia	230
		Review Questions	232
		Thought Questions	232
		Chapter Summary	232
		Chapter 8 Exercises	233
		Cause and Effect	233
		Inquiry	233
		Chapter 8 Skills	233
		Using Maps to Compare Eastern Europe at	
		Two Different Times	233
		Making an Outline	233
TO AVAILABLE AND		Using an Outline	234
		Vocabulary Skills	234
The same of		Unit 3 Review	235
		Human Geography	235
		Physical Geography	235
		Writing Skills Activities	235
And the state of t			

Unit 4			
The United States			
and Canada	226		
	236	The second secon	
Keys to Knowing the United States and Canada	220		
and Canada Miniatlas	238 239		9
At a Glance	242		
The distinct	212	The second second	
Chapter 9			
<b>Environments and Economies</b>	S	The second second second	
of the United States	243		
1. Many Regions in a Large Land	244		
Review Questions Thought Questions	245 245	CONTRACTOR OF THE STATE OF THE	W.
Thought Questions	243		
2. The Industrial North	247		
Review Questions	251		7
Thought Questions	251		
2 The Court	252	Review Questions	268
3. The South	252	Thought Questions	268
DISCOVERING Region:		Chapter Summary	268
High Technology and Higher Education	25.4	Chapter 9 Exercises	269
in North Carolina and New England	254	Find the Right Word	269
Review Questions	256	Cities in the United States	269
Thought Questions	256	Inquiry	269
4. The Central Plains	256	Chapter 9 Skills	270
	230	Using a Subregion Map Vocabulary Skills	270 270
DISCOVERING Place:	250	vocabolary Skills	270
Do You Know Your States?	258		
DISCOVERING Region:	. 260	Chapter 10	
Where Our Water Supply Is Running Out	t 260	The United States in Change	271
Review Questions	261	1. The Geography of Settlement	272
Thought Questions	261	0 I /	_, _
5. The West	261	DISCOVERING <b>Movement:</b> Tying the United States Together	274
	2000 E		
DISCOVERING ■ Location:  The Island State of Hawaii	266	Review Questions	277
The Island State of Hawan	200	Thought Questions	277

2. The Development of an Industrial, Urban Region	278
CLOSE-UP: The Destruction and Revival of Native Americans	280
Review Questions Thought Questions	283 283
3. The Changing Economy of the United States	283
DISCOVERING ■ Movement: Our Energy Dependence	286
DISCOVERING <b>Movement:</b> Our Dependence on Imported Minerals and Metals	287
Review Questions Thought Questions	288 288
4. Americans on the Move	288
DISCOVERING ■ <b>People-Environment:</b> Three Changes in American Farming, 1950–1990	289
DISCOVERING <b>Movement:</b> We Are All Children of Immigrants	291
Review Questions Thought Questions Chapter Summary	292 292 292
Chapter 10 Exercises Select the Ending Inquiry	293 293 293
Chapter 10 Skills Using a Transportation Map Reading Bar Graphs Making a Graph Vocabulary Skills	293 293 294 294 294

Chapter 11 Canada	295
1. The Building of Canada Review Questions Though Questions	296 297 297
2. The Regions of Canada Review Questions Thought Questions	297 303 303
3. Canada's Future  DISCOVERING ■ People-Environment:  Acid Rain	304
Review Questions Thought Questions Chapter Summary	306 306 306
Chapter 11 Exercises Two Are Correct Finish the Sentences Inquiry	307 307 307 307
Chapter 11 Skills Using a Political-Physical Map Reviewing Latitude and Longitude Vocabulary Skills	307 307 308 308
Unit 4 Review Human Geography Physical Geography Writing Skills Activities	309 309 309 309



Unit 5:		Chapter 13	
Japan and the		Japan and the Two	
Two Koreas	310	Koreas Today	329
Keys to Knowing Japan and the Two Koreas Miniatlas	312 313	<ol> <li>Japan Becomes an Industrial, Urban Giant</li> </ol>	330
At a Glance	316	Review Questions Thought Questions	333 333
Chapter 12		2. Farming in Japan	334
Japan Enters the		Review Questions	335
Modern World	317	Thought Questions	335
1. The Regions of Japan	318	3. Problems of a Technological Society	335
Review Questions	321	CLOSE-UP:	
Thought Questions	321	The Japanese Rice Cycle	336
2. The Modernization of Japan	321	Review Questions	339
DISCOVERING Location:		Thought Questions	339
Japan's Location and the Mission of Commodore Perry	322	DISCOVERING <b>Movement:</b> Foreign Trade and Japan's  High-Tech Vision	340
Review Questions	323		0.10
Thought Questions	323	4. The Two Koreas: Communism and Capitalism Share a Peninsula	341
3. Expansion, Empire, and Defeat	324	Review Questions	345
DISCOVERING ■ People-Environment:		Thought Questions	345
Japan's Samurai Code	325	Chapter Summary	345
Review Questions	326	Chapter 13 Exercises	346
Thought Questions	326	Cause and Effect	346
Chapter Summary	326	True and False Inquiry	346 346
Chapter 12 Exercises	327	Chapter 13 Skills	347
Find the Correct Ending Two Correct Sentences	327 327	Using a Line Graph	347
Before or After?	327	Using the Map of the Japanese Megalopolis	347
Inquiry	327	Vocabulary Skills	348
Chapter 12 Skills	327	Unit 5 Review	349
Using the Library's Catalog	327	Human Geography	349
Which Book?	328	Physical Geography	349
Vocabulary Skills	328	Writing Skills Activities	349

<b>Unit 6 The Pacific World</b>	350		
Keys to Knowing the Pacific World Miniatlas At a Glance	352 353 356		
Chapter 14 Australia and New Zealand in the Pacific World	357		
1. The Subregions of Australia Review Questions Thought Questions	358 360 360	Chapter 15 The Pacific World in Transition	373
DISCOVERING Location:  In Australia, Everything Is Upside Down  DISCOVERING Region:	361	1. Islands of the Pacific World  Review Questions  Thoughts Questions	374 375 375
The Great Barrier Reef, Australia's Eighth Wonder of the World	362	2. The Three Subregions of the Pacific DISCOVERING ■ Place:	375
2. Australia's Changing Economy	363	How Coral Atolls Form	376
CLOSE-UP: Antarctica, the Ice Continent	364	Review Questions Thought Questions	379 379
Review Questions Thought Questions	368 368	3. Australia, New Zealand, and the Pacific Peoples	379
3. New Zealand's Climate and Resources  Review Questions	368 370	Review Questions Thought Questions Chapter Summary	382 382 382
Thought Questions Chapter Summary Chapter 14 Exercises	370 370 371	Chapter 15 Exercises Select the Correct Ending Which Occurred Later?	383 383 383
Missing Terms Inquiry	371 371 371	Inquiry Chapter 15 Skills	383 384
Chapter 14 Skills Using a Rainfall Map	371 371	Using Encyclopedias Vocabulary Skills	384 384
Locating Australia's Mineral and Energy Wealth Vocabulary Skills	372 372	Unit 6 Review Human Geography Physical Geography Writing Skills Activities	385 385 385 385