培文书系・心理学系列



EDUCATIONAL PSYCHOLOGY

THEORY & PRACTICE

教育心理学

理论与实践





〔美〕Robert E. Slavin 著



培文书系・心理学系列

EDUCATIONAL PSYCHOLOGY

THEORY & PRACTICE

教育心理学

理论与实践

第7版

〔美〕Robert E. Slavin 著



北京市版权局著作权合同登记图字:01-2004-2649 号

图书在版编目(CIP)数据

教育心理学:理论与实践(第 7 版)/(美)斯莱文(Slavin, R. E.)著. 一影印本. 一北京:北京大学出版社,2004.7 (心理学系列)

ISBN 7-301-07369-0

I. 教… II. 斯… III. 教育心理学一高等学校一教材一英文 IV. G44

中国版本图书馆 CIP 数据核字(2004)第 033875 号

English reprint edition copyright © 2004 by PEARSON EDUCATION ASIA LIMITED and PEKING UNIVERSITY PRESS. Original English language title from Proprietor's edition of the Work.

Original English language title: Educational Psychology: Theory and Practice, Robert E. Slavin, Copyright © 2003 ISBN:0205351433

All Rights Reserved.

Published by arrangement with the original publisher, Pearson Education, Inc., publishing as Allyn & Bacon, Inc.

This edition is authorized for sale and distribution only in the People's Republic of China (excluding Hong Kong, Macao SARs and Taiwan).

For sale and distribution in the People's Republic of China exclusively (except Hong Kong SAR, Macao SAR and Taiwan). 仅限于中华人民共和国境内(不包括中国香港、澳门特别行政区和中国台湾地区)销售发行。

书 名:教育心理学:理论与实践(第7版)

著作责任者: [美] Robert E. Slavin 著

责任编辑: 苑海波 张慧欣

标准书号: ISBN 7-301-07369-0/C·0269

出 版 者:北京大学出版社

地 址:北京市海淀区中关村北京大学校内 100871

网 址: http://cbs.pku.edu.cn 电子信箱:pw@pup.pku.edu.cn

电 话: 邮购部 62752015 发行部 62750672 编辑部 58874097 58874098

印 刷 者:山东新华印刷厂临沂厂

发 行 者: 北京大学出版社

经 销 者: 新华书店

850毫米×1168 毫米 16 开 40.5 印张 686 千字 2004 年 7 月第 1 版 2004 年 7 月第 1 次印刷

定 价: 65.00 元

版权所有,翻印必究

本书封面贴有 Pearson Education (培生教育出版集团)激光防伪标签,无标签者不得销售。

出版说明

培文书系心理学英文影印系列旨在面向心理学领域的师生和广大心理科学的从业者和爱好者,推介国外心理学领域的英文原版专著和教材,使我国读者能够接触到原汁原味的第一手资料。

需要重申的是,作者本人的有些观点和结论尚需商榷,有些甚至是不可取的,为此提请读者加以甄别。书中的观点均不代表出版社观点。

北京大学出版社 2004年7月

Preface

When I first set out to write Educational Psychology: Theory and Practice, I had a very clear purpose in mind. I wanted to give tomorrow's teachers the intellectual grounding and practical strategies they will need to be effective instructors. Most of the textbooks published then, I felt, fell into one of two categories: stuffy or lightweight. The stuffy books were full of research but were ponderously written, losing the flavor of the classroom and containing few guides to practice. The lightweight texts were breezy and easy to read but lacked the dilemmas and intellectual issues brought out by research. They contained suggestions for practice of the "Try this!" variety, without considering evidence about the effectiveness of those strategies.

My objective was to write a text that

- presents information that is as complete and up to date as the most researchfocused texts but is also readable, practical, and filled with examples and illustrations of key ideas.
- includes suggestions for practice based directly on classroom research (tempered by common sense) so that I can have confidence that when you try what I suggest, it will be likely to work.
- helps you transfer what you learn in educational psychology to your own teaching by making explicit the connection between theory and practice through numerous realistic examples. Even though I have been doing educational research since the mid-1970s, I find that I never really understand theories or concepts in education until someone gives me a compelling classroom example; and I believe that most of my colleagues (and certainly teacher education students) feel the same way. As a result, the words for example appear hundreds of times in this text.
- appeals to readers; therefore, I have tried to write in such a way that you will almost hear students' voices and smell the lunch cooking in the school cafeteria as you read.

These have been my objectives in the seventh edition as well as in earlier editions. In addition, I have made changes throughout the text, adding new examples, refining language, and deleting dated or unessential material. I am fanatical about keeping the text up to date, so this edition has more than 2,000 reference citations, about half of which are from 1995 or later. Although most readers may not care much about citations, I want you and your professors to know what research supports the statements I've made and where to find additional information.

The field of educational psychology and the practice of education have changed a great deal in recent years, and I have tried to reflect these changes in this edition. Only a few years ago, direct instruction and related teacher effectiveness research were dominant in educational psychology. Then discovery learning, portfolio and performance assessments, and other humanistic strategies returned. Now, emphasis on "back to the basics" is returning, which requires teachers more than ever to plan outcomes and teach purposefully, qualities that I emphasize in this edition as *intentional teaching*. In the first and second editions of this text, I said that we shouldn't entirely discard discovery learning and humanistic methods despite the popularity, then, of direct instruction. In the next editions, I made just the opposite plea: that we shouldn't completely discard direct instruction despite the popularity of active, student-centered teaching and constructivist methods of instruction. With this edition, I continue to advocate a balanced approach to instruction. No matter what their philosophical orientations, experienced teachers know that they must be proficient in a wide range of methods and must use them with intentionality.

The seventh edition presents new research and practical applications of these and many other topics. Throughout, this edition reflects the "cognitive revolution" that is transforming educational psychology and teaching. The accompanying figure presents a concept map of the book's organization.

No one can deny that teachers matter or that teachers' behaviors have a profound impact on student achievement. To make that impact positive, teachers must have both a deep understanding of the powerful principles of psychology as they apply to education and a clear sense of how these principles can be applied. The intentional teacher is one who constantly reflects on his or her practices and makes instructional decisions based on a clear conception of how these practices affect students. Effective teaching is neither a bag of tricks nor a set of abstract principles; rather, it is intelligent application of well-understood principles to address practical needs. I hope this edition will help give you the intellectual and practical skills you need to do the most important job in the world—teaching.

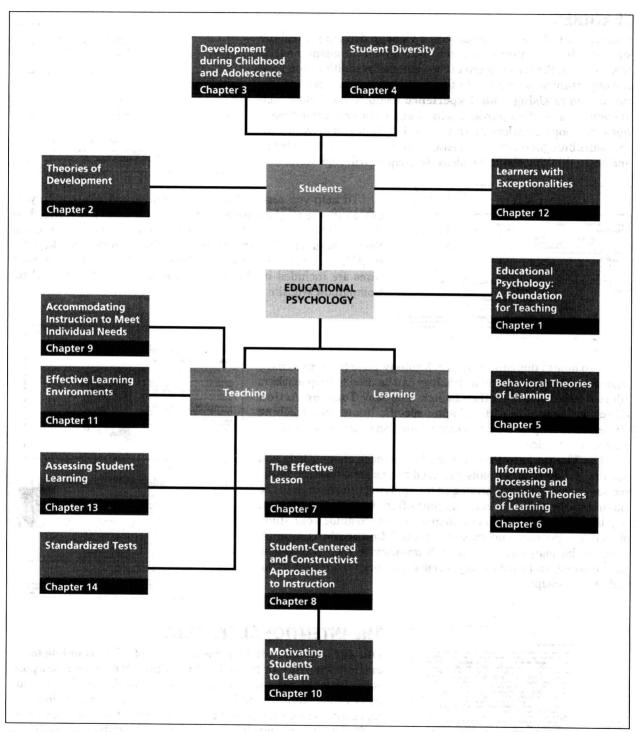
HOW THIS BOOK IS ORGANIZED

The chapters in this book address three principal themes: students, teaching, and learning (see the Concept Map). Each chapter discusses important theories and includes many examples of how these theories apply to classroom teaching.

This book emphasizes the intelligent use of theory and research to improve instruction. The chapters on teaching occupy about one-third of the total pages in the book, and the other chapters all relate to the meaning of theories and research practice. Whenever possible, the guides in this book present specific programs and strategies that have been evaluated and found to be effective, not just suggestions for things to try.

NEW AND EXPANDED COVERAGE

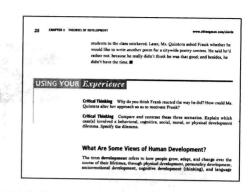
Among the many topics that receive new or greater coverage in this edition are action research (Chapter 1), research on the brain (Chapter 6), transfer of learning (Chapter 7), problem solving (Chapter 8), technology applications (Chapter 9), comprehensive school reform (Chapter 9), intrinsic and extrinsic motivation (Chapter 10), preventing serious behavior problems (Chapter 11), inclusion and IDEA '97 (Chapter 12), accountability (Chapter 14), and professional portfolio development (Appendix).

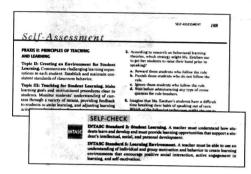


Concept Map: Text Organization in Relation to the Concept of Educational Psychology

FEATURES

Each chapter of the text opens with a vignette depicting a real-life situation that educators encounter. Throughout the chapter narrative, I refer to the issues raised in the vignette. In addition, you have the opportunity to respond to the vignette in several related features, such as **Using Your Experience** sections that follow each vignette. This section provides critical and creative thinking questions and cooperative learning activities that allow you to work with the issues brought up in the vignette, activate your prior knowledge, and begin thinking about the ideas the chapter will explore.

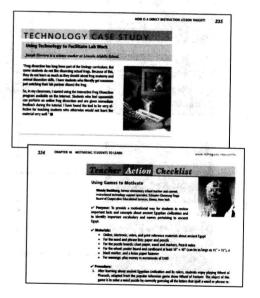




To help you assess your own learning and relate it to your entry into the teaching profession, new **Self-Check** features show the INTASC teaching standards addressed in each section, and **Self-Assessment** features at the end of each chapter are keyed to PRAXIS II assessments and standards. The answers to these features are included in the Instructor's Resource Manual and the Companion Website.

Also new to this edition are **Technology Case Studies** in most chapters, which show how technology can be used to help teachers address issues raised in the chapter. The new **Teacher Action Checklist** feature provides chapter-specific intentional teaching strategies to help you make connections between theory and its classroom practice.

The **Theory into Practice** sections in each chapter help you acquire and develop the tools you need to be a good teacher. These sections present specific strategies for applying information to the classroom. In addition, each chapter offers features to help you regulate your own learning: a chapter outline to guide your study objectives; glossary and cross-referenced **Connections** annotations in the margins; a **Chapter Summary** to help you review your reading; and a list of **Key Terms** with page references at the end of each chapter.



Expured Manuscics Once of the most extensively studied methods of using imagery and manuscular forms of the control of the co

THE INTENTIONAL TEACHER

One attribute seems to be a characteristic of all outstanding teachers: intentionality, or the ability to do things for a reason, purposefully. Intentional teachers constantly think about the outcomes they want for their students and how each decision they make moves students toward those outcomes. A key new feature in each chapter, substantially revised for this edition, **The Intentional Teacher** is designed to help you develop and apply a set of strategies to carry out your intentionality. It will help you internalize a set of questions that can aid you in planning, teaching, and

revising your practice in intentional ways. In each chapter, you will consider answers to the following questions from a new vantage point grounded in chapter content, and you will find new examples at all grade levels and in all subject areas to illustrate those answers. The Intentional Teacher focuses your attention on these questions:

- 1. What do I expect my students to know and be able to do at the end of this lesson? How does this contribute to course objectives and to students' needs to become capable individuals?
- 2. What knowledge, skills, needs, and interests do my students have that must be taken into account in my lesson?
- 3. What do I know about the content, child development, learning, motivation, and effective teaching strategies that I can use to accomplish my objectives?
- 4. What instructional materials, technology, assistance, and other resources are available to help me accomplish my objectives?
- 5. How will I plan to assess students' progress toward my objectives?
- **6.** How will I respond if individual children or the class as a whole are not on track toward success? What is my backup plan?

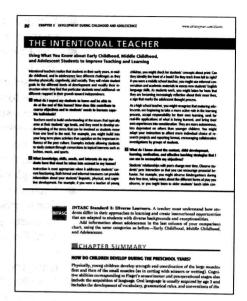
The Intentional Teacher will help you combine your increasing knowledge of principles of educational psychology, your growing experience with learners, and your creativity to make intentional instructional decisions that will help students become enthusiastic, effective learners.

STUDENT SUPPLEMENTS

- A new **GradeAid** study guide includes exercises, self-check quizzes, practice tests, concept maps, and other activities to help you master the textbook material.
- A new **Praxis Guide** provides information about the Praxis I and II tests, which many states require for teacher certification. It also correlates the material in the textbook to the Praxis II tests and provides practice tests and other study tools.
- The Companion Website (www.ablongman.com/slavin) contains many exciting and useful features, such as additional practice tests and answers to the textbook Self-Check and Self-Assessment features. The website also illustrates NCATE and INTASC standards and correlates them to content in the text. Additional features include online cases with study questions, video clips, and flashcards for practice of key terms.
- A new iSearch: Education guide is designed to help you select and evaluate research from the Internet to help you find the best and most credible information. It includes a practical discussion of search engines, detailed information on evaluating online sources, citation guidelines for web resources, web activities, and web links. The iSearch guide also contains a Quick Guide to ContentSelect.

INSTRUCTOR SUPPLEMENTS

- The Instructor's Resource Manual contains chapter overviews, annotated lecture outlines, suggested readings and media, answers to the textbook Self-Check and Self-Assessment features, and handout masters.
- The Intentional Teacher Video offers vignettes tied to chapter content that showcase intentional teachers and situations that educators encounter.



① Mar 图 Mar 1997 等 特殊化 1883 。

- The printed Assessment Package and the Computerized Test Bank provide a variety of assessment items for each chapter.
- The PowerPoint™ Presentation consists of outline slides for use in the class-room.
- CourseCompass[™], Allyn and Bacon's online course management system, helps instructors manage all aspects of teaching the course and comes preloaded with features such as fully revised test bank questions.
- The **Digital Media Archive CD-ROM for Education** provides an array of media products to help liven up your classroom presentations. It electronically provides charts, graphs, tables, figures, video and audio clips, and electronic images on one cross-platform CD-ROM. Visit www.ablongman.com/dma for more information.
- Exclusive for students and faculty using Pearson Education textbooks, the ContentSelect Research Database gives students instant access to thousands of academic journals and periodicals from any computer with an Internet connection! Starting the research process has never been easier. To begin using the database, order this text with iSearch: Education (ISBN 0-205-37643-6) and register using the Access Code in the iSearch guide.
- New for 2003, **VideoWorkshop** for Educational Psychology features 50 minutes of video footage on an easy-to-navigate CD-ROM. VideoWorkshop is free for students and includes a Student Learning Guide with observation questions, application questions, a connecting to the web feature, and textbook-specific correlation grids. An Instructor's Teaching Guide is also available, containing learning objectives, video summaries, and an answer key for the Student Learning Guide.

ACKNOWLEDGMENTS

I thank Andrea Guillaume, Melissa Dark, Judy Lewandowski, Mary Jane Caffey, Elizabeth Sterling, Millie Harris, Chuck Greiner, and Johanna Keirns, who contributed material for text features. I also thank the writers of the supplements: Patricia L. Rogers (GradeAid study guide), Barbara Rogers Bridges (Praxis Guide), Margo McMahon (Assessment Package and Companion Website Practice Tests), Carole Grove (Instructor's Resource Manual), and Daniel Rodriguez (PowerPoint™ Presentation and Answers to Self-Checks and Self-Assessments). Catherine McCartney, who revised the text's Self-Check features and Self-Assessments, also receives my special thanks.

I also wish to thank my many colleagues who served as reviewers and contributors for this edition. Reviewers' comments provided invaluable information that helped me revise and augment the text. Contributors' work has made the features and supplements to this text first-rate.

Steve Cockerham
Jerome B. Dusek
Dale Goldhaber
William Huitt
Gretchen Jefferson
Anastasia Kitsantas
Lin-Miao Lin
James McMillan
Merlyn M. Mondol
Peggy G. Perkins
Robin R. Rumph
Theresa A. Thorkildsen

East Tennessee University
Syracuse University
University of Vermont
Valdosta State University
Eastern Washington University
Florida State University
University of Southern Mississippi
Virginia Commonwealth University
Saginaw Valley State University
University of Nevada-Las Vegas
Stephen F. Austin State University
University of Illinois at Chicago

I am also grateful to contributors to previous editions, such as Kathryn Wentzel, Curtis Bonk, Gordon Greenwood, Stacie Goffin, William Zangwill, Thomas Andre, and Sandra Damico. At Allyn and Bacon, my thanks go to Nancy Forsyth, President; Paul A. Smith, Editor in Chief, Education; Arnis Burvikovs, Acquisitions Editor; Linda Bieze, Senior Development Editor for the sixth and seventh editions; and Matt Forster, who helped me complete the seventh edition. I am also grateful to others on the Education Team at Allyn and Bacon and the freelancers who helped bring this edition to fruition: Annette Joseph, Editorial-Production Administrator; Robert Howerton, Production Coordinator; Tara Masih, Copyeditor; Tara Whorf, Marketing Manager; Linda Knowles, Cover Administrator; Omegatype Typography, Inc., editorial production and permissions research; and Kate Cook, Photo Editor. In addition, I am grateful to Susan Davis of the Success for All Foundation for work on all aspects of the book, including typing, references, proofreading, and general good sense.

Finally, it is customary to acknowledge the long-suffering patience of one's spouse and children. In my case, this acknowledgment is especially appropriate. My wife, Nancy Madden, kept our classroom research going while I was in the throes of writing. Our children contributed to this work by providing examples for sections of Chapter 3. They also provided me with a sense of purpose for writing; I had to keep thinking about the kind of school experience I want for them as a way of making concrete my concern for the school experiences of all children.

This book was written while I was supported in part by grants from the Office of Educational Research and Improvement, U.S. Department of Education (No. OERI-R-117-D40005). However, any opinions expressed are mine alone and do not represent OERI positions or policy.

R. E. S.

About the Author

Robert Slavin is co-Director of the Center for Research on the Education of Students Placed at Risk, Johns Hopkins University, and Chairman of the Success for All Foundation. He received his Ph.D. in Social Relations from Johns Hopkins in 1975, and since that time he has authored more than 200 articles and book chapters on such topics as cooperative learning, ability grouping, school and classroom organization, desegregation, mainstreaming, and research review. Dr. Slavin is the author or coauthor of 15 books, including Cooperative Learning, School and Classroom Organization, Effective Programs for Students at Risk, Preventing Early School Failure, and Every Child, Every School: Success for All. In 1985 Dr. Slavin received the Raymond Cattell Early Career Award for Programmatic Research from the American Educational Research Association. In 1988 he received the Palmer O. Johnson Award for the best article in an AERA journal. In 1994 he received the Charles A. Dana Award, in 1998 he received the James Bryant Conant Award from the Education Commission of the States, and in 2000 he received the Distinguished Service Award from the Council of Chief State School Offices. Dr. Slavin is pictured here with his daughter Becca.



简明目录

特色栏目	XV		
前 言	XVII		
关于作者	XXV		
第 1 章	教育心理学:教学的基础 1		
第2章	发展的理论 27		
第3章	儿童期与青春期的发展		
第4章	学生的多样性 101		
第5章	学习的行为主义理论 137		
第6章	学习的信息加工过程和认知理论171		
第7章	有效的课程 219		
第8章	以学生为中心及教学的结构主义方法 255		
第9章	满足个别学生的需要 291		
第 10 章	激发学生学习的积极性 327		
第 11 章			
第 12 章	特殊学生 407		
第 13 章	对学生的学习进行评估457		
第 14 章	标准测试 515		
附录:设计你自己的文件夹 549			
参考书目	553		
人名索引	594		
子 晒 赤 2	1 (04		

Brief Contents

1.	Educational Psychology: A Foundation for Teaching 1	
2.	Theories of Development 27	
3.	Development during Childhood and Adolescence	55
4.	Student Diversity 101	
5 .	Behavioral Theories of Learning 137	
6.	Information Processing and Cognitive Theories of Learning 171	
7.	The Effective Lesson 219	
8.	Student-Centered and Constructivist Approaches to Instruction 255	
9.	Accommodating Instruction to Meet Individual Needs 291	
0.	Motivating Students to Learn 327	
11.	Effective Learning Environments 365	
12.	Learners with Exceptionalities 407	
13.	Assessing Student Learning 457	
14.	Standardized Tests 515	

Contents

xv

Features

About the Author xxv	THEORIES OF DEVELOPMENT 27
Chapter 1	WHAT ARE SOME VIEWS OF HUMAN DEVELOPMENT? 28 Aspects of Development 28 Issues of Development 29
EDUCATIONAL PSYCHOLOGY: A FOUNDATION FOR TEACHING 1	HOW DID PIAGET VIEW COGNITIVE DEVELOPMENT? How Development Occurs 30 Piaget's Stages of Development 32
WHAT MAKES A GOOD TEACHER? 3 Knowing the Subject Matters (but So Does Teaching Skill) 3 Mastering the Teaching Skills 4 Can Good Teaching Be Taught? 5 The Intentional Teacher 7	HOW IS PIAGET'S WORK VIEWED TODAY? 40 Criticisms and Revisions of Piaget's Theory 40 THEORY INTO PRACTICE: Educational Implications of Piaget's Theory 41 Neo-Piagetian and Information-Processing Views
TEACHER ACTION CHECKLIST: Helping Students Write Creatively about Setting 10	of Development 42 HOW DID VYGOTSKY VIEW COGNITIVE DEVELOPMENT? 43
WHAT IS THE ROLE OF RESEARCH IN EDUCATIONAL PSYCHOLOGY? 10 The Goal of Research in Educational Psychology 11 The Value of Research in Educational Psychology to the Teacher 11 Teaching As Decision Making 12	How Development Occurs 44 TEACHER ACTION CHECKLIST: Using Scaffolding to Help Students Use the Web for Research 45 Applications of Vygotskian Theory in Teaching 46 THEORY INTO PRACTICE: Classroom Applications of Vygotsky's Theory 47
THEORY INTO PRACTICE: Teaching as Decision Making 14 Research + Common Sense = Effective Teaching 14 Research on Effective Programs 15	HOW DID ERIKSON VIEW PERSONAL AND SOCIAL DEVELOPMENT? 48 Stages of Psychosocial Development 49 Implications and Criticisms of Erikson's Theory 52
Impact of Research on Educational Practice 15 THEORY INTO PRACTICE: How to Be an Intelligent Consumer of Educational Psychology Research 16	WHAT ARE SOME THEORIES OF MORAL DEVELOPMENT? 52 Piaget's Theory of Moral Development 53 Kohlberg's Stages of Moral Reasoning 54
WHAT RESEARCH METHODS ARE USED IN EDUCATIONAL PSYCHOLOGY? 17 Experiments 18 Correlational Studies 20 Descriptive Research 22 Action Research 22	THEORY INTO PRACTICE: Fostering Moral Development in the Classroom 57 Criticisms of Kohlberg's Theory 58 THE INTENTIONAL TEACHER: Using What You Know about Human Development to Improve Teaching and Learning 60
CHAPTER SUMMARY 23 KEY TERMS 24 SELF-ASSESSMENT 24	CHAPTER SUMMARY 61 KEY TERMS 62 SELF-ASSESSMENT 63

Chapter 2

Social Relationships

Emotional Development

Problems of Adolescence

93

93

Chapter 3	THEORY INTO PRACTICE: Providing Developmental Assets for Adolescents 95
DEVELOPMENT DURING CHILDHOOD AND ADOLESCENCE 65	THE INTENTIONAL TEACHER: Using What You Know about Early Childhood, Middle Childhood, and Adolescent Students to Improve Teaching and Learning 96
HOW DO CHILDREN DEVELOP DURING	CHAPTER SUMMARY 96
THE PRESCHOOL YEARS? 66	KEY TERMS 98
Physical Development in Early Childhood 68 Language Acquisition 68 Bilingual Education 71	SELF-ASSESSMENT 99
TECHNOLOGY CASE STUDY: Using Technology in Preschool 72	Chapter 4
THEORY INTO PRACTICE: Promoting Literacy Development in Young Children 72	STUDENT DIVERSITY 101
Socioemotional Development 73 WHAT KINDS OF EARLY CHILDHOOD EDUCATION	WHAT IS THE IMPACT OF CULTURE ON TEACHING AND LEARNING? 102
PROGRAMS EXIST? 76 Day-Care Programs 76	HOW DOES SOCIOECONOMIC STATUS AFFECT
Preschools 76	STUDENT ACHIEVEMENT? 104
Compensatory Preschool Programs 77	The Role of Child-Rearing Practices 104 The Link between Income and Summer Learning 105
Early Intervention 77	The Role of Schools as Middle-Class Institutions 106
Kindergarten Programs 78	School and Community Factors 106
Developmentally Appropriate Practice 78	TECHNOLOGY CASE STUDY: Accommodating Different
HOW DO CHILDREN DEVELOP DURING	Learning Styles 107
THE ELEMENTARY YEARS? 79	Is the Low Achievement of Children from Low-Income
TEACHER ACTION CHECKLIST: Cross-Age Literacy Tutoring	Groups Inevitable? 107 Implications for Teachers 108
for English-Language Learners 80 Physical Development during Middle Childhood 81	HOW DO ETHNICITY AND RACE AFFECT STUDENTS'
Cognitive Abilities 81	SCHOOL EXPERIENCES? 108
Socioemotional Development in Middle	Racial and Ethnic Composition of the United
Childhood 81	States 109
THEORY INTO PRACTICE: Promoting the Development	Academic Achievement of Students
of Self-Esteem 83	from Under-Represented Groups 109 Why Have Students from Under-Represented
THEORY INTO PRACTICE: Helping Children Develop	Groups Lagged in Achievement? 110
Social Skills 85	Effects of School Desegregation 111
HOW DO CHILDREN DEVELOP DURING THE MIDDLE SCHOOL AND HIGH SCHOOL YEARS? 86	THEORY INTO PRACTICE: Teaching in a Culturally Diverse School 113
Physical Development during Adolescence 86	HOW DO LANGUAGE DIFFERENCES AND BILINGUAL
Cognitive Development 87 Characteristics of Hypothetical-Deductive	PROGRAMS AFFECT STUDENT ACHIEVEMENT? 114
Reasoning 88	Bilingual Education 115
Implications for Educational Practice 88	Effectiveness of Bilingual Programs 116
Socioemotional Development in Adolescence 90	WHAT IS MULTICULTURAL EDUCATION? 117
Identity Development 90	Dimensions of Multicultural Education 118
James Marcia's Four Identity Statuses 90	HOW DO GENDER AND GENDER BIAS AFFECT STUDENTS'
Self-Concept and Self-Esteem 91	SCHOOL EXPERIENCES? 120

TEACHER ACTION CHECKLIST: Getting to Know

for Middle School/High School

the Classroom Community: A Sharing Activity

Do Males and Females Think and Learn Differently? 121 Sex-Role Stereotyping and Gender Bias 123	Meichenbaum's Model of Self-Regulated Learning Strengths and Limitations of Behavioral Learning Theories 163
THEORY INTO PRACTICE: Avoiding Gender Bias in Teaching 123	TEACHER ACTION CHECKLIST: Dealing with Resistant or Uncooperative Student Behavior Using Patrick Schloss's 10R Technique 164
HOW DO STUDENTS DIFFER IN INTELLIGENCE	
AND LEARNING STYLES? 125	CHAPTER SUMMARY 165
Definitions of Intelligence 125	THE INTENTIONAL TEACHER: Using What You Know
THEORY INTO PRACTICE: Multiple Intelligences 127	about Behavioral and Social Learning Theory
Origins of Intelligence 128	to Improve Teaching and Learning 166
Theories of Learning Styles 130	KEY TERMS 168
Aptitude-Treatment Interactions 130	SELF-ASSESSMENT 169
CHAPTER SUMMARY 131	
THE INTENTIONAL TEACHER: Using What You Know about Student Diversity to Improve Teaching and Learning 132	Chapter 6
KEY TERMS 134	Information Processing and Cognitive
	THEORIES OF LEARNING 171
SELF-ASSESSMENT 134	
19F	WHAT IS AN INFORMATION-PROCESSING MODEL? 173
Chapter 5	Sensory Register 173
chapter 5	Short-Term or Working Memory 175
BEHAVIORAL THEORIES OF LEARNING 137	Long-Term Memory 178
DEHAVIORAE THEORIES OF ELARISING	Factors That Enhance Long-Term Memory 181
WHAT IS LEARNING? 138	Other Information-Processing Models 182
WHAT BEHAVIORAL LEARNING THEORIES	Research on the Brain 184
HAVE EVOLVED? 139	WHAT CAUSES PEOPLE TO REMEMBER OR FORGET? 188
Pavlov: Classical Conditioning 140	Forgetting and Remembering 188
Thorndike: The Law of Effect 140	THEORY INTO PRACTICE: Reducing Retroactive
Skinner: Operant Conditioning 142	Inhibition 189
WHAT ARE SOME PRINCIPLES OF BEHAVIORAL	Practice 192
LEARNING? 143	TEACHER ACTION CHECKLIST: Teaching Memory Cues
The Role of Consequences 144	for Spelling 193
Reinforcers 144	HOW CAN MEMORY STRATEGIES BE TAUGHT? 194
	Verbal Learning 195
THEORY INTO PRACTICE: Classroom Uses	Paired-Associate Learning 195
of Reinforcement 146	The second secon
Intrinsic and Extrinsic Reinforcers 147	THEORY INTO PRACTICE: Keyword Mnemonics 196
THEORY INTO PRACTICE: Practical Reinforcers 147	Serial and Free-Recall Learning 197
Punishers 148	WHAT MAKES INFORMATION MEANINGFUL? 198
Immediacy of Consequences 149	Rote versus Meaningful Learning 199
Shaping 151	Schema Theory 200
Extinction 151	TECHNOLOGY CASE STUDY: Using Technology to Make
Schedules of Reinforcement 153	Graphic Organizers 201
Maintenance 155	HOW DO METACOGNITIVE SKILLS HELP
The Role of Antecedents 156	STUDENTS LEARN? 203
HOW HAS SOCIAL LEARNING THEORY CONTRIBUTED	WHAT STUDY STRATEGIES HELP STUDENTS LEARN? 204
TO OUR UNDERSTANDING OF HUMAN LEARNING? 159	Note-Taking 204
Bandura: Modeling and Observational Learning 159	Underlining 204
THEORY INTO PRACTICE: Observational Learnina 160	Summarizing 205
IDELINI INTELEMENTE CONTRACTOR PROPERTY AND A PARTICULAR PROPERTY AND	