• Contents •

Preface to the Second Edition: What's New in EDI	хi
Acknowledgments	xiii
About the Authors	χv
Chapter 1 • Students Say, "I Can Do It!"	1
The Day I Saw the Breakthrough in Classroom Instruction	1
Where Our Research Began: Student Achievement	2
Where Our Research Led: Classroom Instruction	3
Chapter 2 • Are Some Approaches Better Than Others? What Is Effective Instruction?	9
Why Are Children Sent to School? Talent Discovery Versus Talent Development	9
The Teaching/Learning Dilemma: Speed Up or Slow Down	10
Criteria for an Instructional Approach	10
Two Philosophies About Education	10
High-Stakes Testing	11
What to Do?	11
EDI Is Not Lecturing	11
EDI Is Not Scripted	12
Research Supports Direct Instruction	12
When to Use Group Work	13
Chapter 3 • Good Instruction Is Always Good Instruction: An Explicit Direct Instruction Overview	15
What Is Explicit Direct Instruction?	16
Explicit Direct Instruction Lesson Design	16
Explicit Direct Instruction Lesson Delivery	17
How to Use EDI in Your Classroom	19
Chapter 4 • Creating Engaged Students: Use Engagement Norms!	21
Student Engagement Is <i>Created</i> When You Ask	01
Your Students to Do Something	21 21
History of Student Engagement Norms Student Engagement Norm 1: Pronounce With Me	21
Student Engagement Norm 1: Frontounce with Me	23
Student Engagement Norm 2: Hack With Me Student Engagement Norm 3: Read With Me	23
Student Engagement Norm 4: Gesture With Me	29
Student Engagement Norm 5: Pair-Share	31
Student Engagement Norm 6: Attention Signal	33

Student Engagement Norm 7: Whiteboards Student Engagement Norm 8: Use Complete Sentences	34
(Public Voice, Academic Vocabulary)	37
Training Students in the Engagement Norms	39
Summary	40
Chapter 5 • Is Everyone Learning? Checking for Understanding	41
What Is Checking for Understanding?	42
TAPPLE—Checking for Understanding the EDI Way!	45
Teach First	45
Ask a Specific Question Pair-Share	47 48
Pick a Non-Volunteer	53
Listen Carefully to the Response	56
Effective Feedback	56
Summary	57
Chapter 6 • Everyone Learns: Corrective Feedback and Whiteboards	59
Listen Carefully to the Response	59
Effective Feedback	59
Whiteboards, the Best Way to CFU!	64
Summary	70
Chapter 7 • Establishing What Is Going to Be Taught: Learning Objective	73
Part I: Well-Designed Learning Objectives	74
Part II: Writing Standards-Based Learning Objectives	79
Part III: The Learning Objective Must Be Presented to the Students	85
Summary	88
Chapter 8 • Connecting to What Students Already Know:	
Activating Prior Knowledge	89
Part I: What Does It Mean to Activate Prior Knowledge?	90
Part II: How to Activate Prior Knowledge	94 103
Summary	
Chapter 9 • These Are the Big Ideas: Concept Development	105
Part II. Concept Development Design	105 121
Part II: Concept Development Delivery Summary	121
Chapter 10 • I'll Work a Problem First: Rule of Two—	
Skill Development and Guided Practice	131
Skill Development (Teacher)	132
Guided Practice (Students)	132
How to Design Skill Development and Guided Practice	134
How to Teach Skill Development/Guided Practice	141
Summary	152

Chapter 11 • This Is Important to Learn: Relevance	153
Relevance	154
When Do You Teach Lesson Relevance?	154
How Do You Provide Lesson Relevance?	154
How to Design Lesson Relevance	155
How to Teach Lesson Relevance	158
Summary	161
Chapter 12 • Making One Final Check: Closing the Lesson	163
Closing the Lesson	164
How to Provide Lesson Closure	165
When Closure Is Complete, Initiate Independent Practice	170
Chapter 13 • Planning for Success: Differentiation and Scaffolding	171
Differentiating and Scaffolding to Increase Student Success	172
In-Class Interventions and Out-of-Class Interventions	175
Response to Intervention (RTI) and EDI	176
Summary	176
Chapter 14 • Having Students Work by Themselves:	
Independent Practice and Periodic Review	177
Starting With the End in Mind: The Independent	450
Practice Must Match the Lesson	178
Periodic Review	180
Summary	181
Chapter 15 • Creating Well-Crafted Lessons: Putting It All Together	183
Creating EDI Lessons From a Textbook	184
Creating Your Own EDI Lessons	188
DataWORKS Enters the Classroom to Teach	191
Chapter 16 • Looking at All the Components:	
Analyzing a Sample Lesson	193
Use educeri.com for EDI Lessons	193
EDI Lesson Layout	193
Summary	204
Resources: What the Research Says	205
References	211
Index	217

Acknowledgments

We wish to thank all those who gave us the insight, inspiration, and knowledge to write this book. Without them, we could not have completed it.

We would like to thank DataWORKS consultant Dr. Arlene Simmonds for her detailed reports on classroom observations. Her repeated assertions that she was not seeing research-based strategies being used in multiple classroom observations alerted us to the need of focusing on classroom practices and ultimately to writing this book.

DataWORKS consultants, including Gordon Carlson, Joe Ybarra, Cynthia Kampf, and Larry Federico, have helped implement our vision of effective classroom practices while training and supporting thousands of teachers across the United States and around the world.

Many school and district administrators have helped us, too. Adolfo Melara was one of the first principals who really understood the importance of supporting implementation in the classroom. He even taught classes himself for his teachers to see Explicit Direct Instruction in action. He is the principal in the "I Can Do It" chapter and is described again in the Periodic Review observations.

We would like to thank our teams at DataWORKS. Our dynamic programming team processed literally millions of pieces data from schools across the United States. Many of our insights about lessons and instruction came from this data. Our tireless production team has provided on-time collections, organization, and mailings of materials to and from thousands of schools.

Our curriculum development team, led by super-organizer Katie Burchfield, has analyzed millions of student assignments. They have worked indefatigably to design and write thousands of powerful EDI lessons. They have written two complete English Language Arts curriculums, one for Australia and one for the United States. They have written a six-level English Language Development (ELD) curriculum used for designated ELD instruction.

Katie also led the development of our new online digital resource site for teachers called educeri.com. Kudos also to the entire innovation team, which included Alex Chavez (consultant, resident math expert, and Director of Innovation), Carlos Luna (Marketing Analyst and IT Manager), and Elias Ibarra (Art Director and Web Designer). We are also pleased to have the marketing insights and energy of Client Relations Manager Joel Soto.

Thanks also to Mike Neer, who has served as the editor not only of our books but also of all our lessons for many years; to Chris Jones, who has been the expert of lesson analysis in multiple subjects and served as voice talent on some lessons; to Trish Bogdanovich, who has spearheaded our new Launch and Link to Literacy curriculums; and to Traci Banks, our longtime accounting and purchasing manager who makes sure the office continues to run smoothly.

Many other staff members, past and present, have contributed to all our efforts, and we are grateful for their help to make the DataWORKS school vision—*All Students Successfully Taught Grade-Level Work Every Day*—a reality.

A final note for administrators reading this book: It's not a relentless focus on improving test scores that raises test scores. It's a relentless focus on optimizing the effectiveness of how students are taught before the tests are given that raises test scores. And that's what this book is all about.

Publisher's Acknowledgments

Corwin gratefully acknowledges the contributions of the following reviewers:

Julie Frederick, Kindergarten Teacher Broadview Thomson K–8 Seattle, WA

Dr. Virginia E. Kelsen, Secondary, Executive Director Chaffey Joint Union High School District Ontario, CA

Louise O'Donovan, Principal Beeliar Primary School Perth, Western Australia

About the Authors

The authors, husband-and-wife team of John Hollingsworth and Dr. Silvia Ybarra, are cofounders of DataWORKS Educational Research. The information in this book is based on their experiences in education and their 20 years of field work with DataWORKS working with teachers and students across the United States and around the world, most recently in Australia and China.

John R. Hollingsworth is president of DataWORKS Educational Research, a company focusing on optimizing effective and efficient classroom instruction that helps students learn more and learn faster the first time they are taught. In his work at Data-WORKS, John trains teachers and administrators throughout the United States and around the world. He and DataWORKS cofounder his wife, Dr. Silvia Ybarra, live on their organic vineyard in Fowler, California, along with their four rescue farm dogs Ulysses, Virgil, Athena, and Pandora.





Dr. Silvia E. Ybarra began her career in education as a physics and chemistry teacher at Roosevelt High School in Fresno, California. She next became principal of Wilson Middle School in Exeter, California, which under her leadership became a prestigious Blue Ribbon school. Silvia then was named assistant superintendent of Coalinga-Huron School District. Her focus progressed from helping one classroom, to helping one school, to helping an entire district, finally to helping teachers everywhere. Silvia cofounded Data-WORKS Educational Research to improve learning for low-income and minority children.

John Hollingsworth and Silvia Ybarra are coauthors of *Explicit Direct Instruction:* The Power of the Well-Crafted, Well-Taught Lesson (2009), Explicit Direct Instruction for English Learners (2013), and along with Joan Ardovino, Multiple Measures: Accurate Ways to Assess Student Achievement (2000).

John Hollingsworth can be reached at john@dataworks-ed.com. Silvia Ybarra can be reached at silvia@dataworks-ed.com.