

# CONTENTS

Acknowledgments		viii
Chapter 1	Introduction: Educational Psychology and Students with Special Needs ANDREW J. MARTIN, KRISTIE J. NEWTON, AND RAYNE A. SPERLING	1
Part I	STUDENTS WITH SPECIAL NEEDS AND EDUCATIONAL PSYCHOLOGY RAYNE A. SPERLING	15
Chapter 2	Specific Learning Disabilities as a Working Memory Deficit: A Model Revisited H. LEE SWANSON	19
Chapter 3	Identifying and Supporting Students with Affective Disorders in Schools: Academic Anxieties and Emotional Information Processing JERRELL C. CASSADY AND CHRISTOPHER L. THOMAS	52
Chapter 4	The Importance of Self-determination and Inclusion for Students with Intellectual Disability: What We Know and What We Still Need to Discover IVA STRNADOVÁ	75
Chapter 5	The Roles of Executive Functions in Learning and Achievement D. JAKE FOLLMER AND RAYNE A. SPERLING	95
Chapter 6	Language Impairments: Challenges and Opportunities for Meeting Children's Needs and Insights from Psycho-Educational Theory and Research JULIE E. DOCKRELL AND GEOFF LINDSAY	116

Chapter 7	Understanding the Development and Instruction of Reading for English Learners with Learning Disabilities COLBY HALL, PHILIP CAPIN, SHARON VAUGHN, AND GRACE CANNON	140
Chapter 8	Developmental Disability JEFF SIGAFOOS, VANESSA A. GREEN, MARK F. O'REILLY, AND GIULIO E. LANCIONI	173
Chapter 9	Child Maltreatment: Pathways to Educational Achievement through Self-Regulation and Self-Regulated Learning CARLOMAGNO C. PANLILIO AND CATHERINE CORR	197
Chapter 10	Behavioral Disorder: Theory, Research, and Practice MING-TAK HUE	220
Part II	<b>PERSPECTIVES FROM MAJOR EDUCATIONAL PSYCHOLOGY THEORIES</b> ANDREW J. MARTIN	239
Chapter 11	Social Cognitive Theory, Self-Efficacy, and Students with Disabilities: Implications for Students with Learning Disabilities, Reading Disabilities, and Attention-Deficit/Hyperactivity Disorder DALE H. SCHUNK AND MARIA K. DIBENEDETTO	243
Chapter 12	Self-Determination and Autonomous Motivation: Implications for Students with Intellectual, Developmental, and Specific Learning Disabilities MICHAEL L. WEHMEYER AND KARRIE A. SHOGREN	262
Chapter 13	Using Self-Regulated Learning to Support Students with Learning Disabilities in Classrooms NANCY E. PERRY, SILVIA MAZABEL, AND NIKKI YEE	292
Chapter 14	Goal Concepts for Understanding and Improving the Performance of Students with Learning Disabilities DAVID A. BERGIN AND SARA L. PREWETT	315
Chapter 15	Using Cognitive Load Theory to Improve Text Comprehension for Students with Dyslexia ANDRÉ TRICOT, GENEVIÈVE VANDENBROUCKE, AND JOHN SWELLER	339
Chapter 16	Self-worth Theory and Students with Attention-Deficit/Hyperactivity Disorder ANDREW J. MARTIN	363
Chapter 17	The Relevance of Expectancy-Value Theory to Understanding the Motivation and Achievement of Students with Cognitive and Emotional Special Needs: Focus on Depression and Anxiety ALLAN WIGFIELD AND ANNETTE PONNOCK	388

Chapter 18	Control-Value Theory and Students with Special Needs: Achievement Emotion Disorders and Their Links to Behavioral Disorders and Academic Difficulties	426
	REINHARD PEKRUN AND KRISTINA LODERER	
<b>Part III</b>	<b>SPECIAL NEEDS AND CONSTRUCTS RELEVANT TO PSYCHO-EDUCATIONAL DEVELOPMENT</b>	<b>457</b>
	KRISTIE J. NEWTON	
Chapter 19	Improving Learning in Students with Mathematics Difficulties: Contributions from the Science of Learning	461
	NANCY C. JORDAN, CHRISTINA BARBIERI, NANCY DYSON, AND BRIANNA DEVLIN	
Chapter 20	Writing and Students with Learning Disabilities	487
	STEVE GRAHAM AND KAREN R. HARRIS	
Chapter 21	Reasoning Skills in Individuals with Mathematics Difficulties	510
	KINGA MORSANYI	
Chapter 22	Interpersonal Relationships and Students with Autism Spectrum Disorder: Perspectives from Theory of Mind and Neuroscience	534
	ROBYN M. GILLIES	
Chapter 23	Student Engagement and Learning: Attention, Behavioral, and Emotional Difficulties in School	557
	KAYLEIGH C. O'DONNELL AND AMY L. RESCHLY	
Chapter 24	Examining Academic Self-Concepts and the Big-Fish-Little-Pond Effect in Relation to Inclusive and Segregated Classroom Environments for Students with Mild Intellectual Disabilities	584
	DANIELLE TRACEY, DAFNA MEROM, ALEXANDRE J. S. MORIN, AND CHRISTOPHE MAÏANO	
Chapter 25	Cultural and Sociocultural Influences and Learners with Special Needs	602
	ANGUS MACFARLANE, SONJA MACFARLANE, AND HELEN MATAITI	
Chapter 26	Technology and Its Impact on Reading for Students with Learning Disabilities	625
	CYNTHIA M. OKOLO AND RALPH P. FERRETTI	
Chapter 27	The Relevance of Neuroscience to Understanding Achievement in Special Needs Children	655
	JAMES P. BYRNES AND JENIFER TAYLOR EATON	
Chapter 28	Conclusion: Future Directions in the Application of Educational Psychology to Students with Special Needs	684
	ANDREW J. MARTIN, KRISTIE J. NEWTON, AND RAYNE A. SPERLING	
Contributors		696
Index		708