
Preface vii

PART I Overview of Learning Disabilities 1

- 1 **Background 2**
 - General Issues 4
 - Defining Learning Disabilities 6
 - Prevalence of Learning Disabilities 9
 - Classifying LD Students 11
 - A Brief History of Learning Disabilities 13
 - Comments and Discussion Points 40
 - References 41

- 2 **Medical Aspects 44**
 - Neurological Bases 46
 - Hereditary and Genetic Influences 51
 - Teratogenic Influences 52
 - Nutritional Influences 56
 - Effects of Pharmacological Treatments 61
 - Comments and Discussion Points 64
 - References 65

PART II Assessment and Services 69

- 3 **Assessment 70**
 - Reasons for Assessment 72
 - Controversial Issues 73
 - Types of Assessment 77
 - The Role of Assessment in PL 94-142 89
 - Comments and Discussion Points 92
 - References 93

- 4 **Delivery Systems and Services 96**
 - Rationale for LRE 98
 - Self-Contained Classrooms 99
 - Resource Rooms 102
 - Regular Classrooms 105
 - Regular Education Initiative 109
 - Comments and Discussion Points 118
 - References 120

■ 5	Consultation and Communication	122
	Communicating with Teachers	124
	Communicating with Parents	131
	Communicating with Other Professionals	134
	Communications Between Schools and Industry	138
	Comments and Discussion Points	139
	References	140

PART III Specific Learning Disabilities 143

■ 6	Language and Communication	144
	Components of Speech and Language	146
	Normal Language Development	147
	Language Disorders	151
	Assessment of Language Abilities	160
	Interventions	165
	The Role of Microcomputers in Language Disorders	173
	Comments and Discussion Points	176
	References	178
■ 7	Reading	182
	Developmental Framework for Reading	184
	Characteristics of Remedial Readers	194
	Characteristics of LD Readers	198
	Assessing Reading Abilities	201
	Special Remedial Approaches	205
	Comments and Discussion Points	217
	References	218
■ 8	Writing and Spelling	224
	Handwriting	226
	Spelling	241
	Expressive Writing	251
	Comments and Discussion Points	268
	References	270
■ 9	Mathematics	276
	Mathematics Instruction	278
	LD Pupils and Mathematics	287
	Assessment and Standards	294
	Techniques and Approaches	303
	Use of Calculators and Computers	313
	Comments and Discussion Points	316
	References	317
■ 10	Instructional Approaches for LD Youth	320
	Cognitive Training	322

