Contents

1 The Territory	1	3 Neurological Bases of Speech	(0
This Text and You 3		and Language	62
Speech, Language, and Communication 4 Speech 4 Language 5 Communication 10 Properties of Language 14		Central Nervous System 64 Neurons 64 Components 65 Brain Functions 67 Hemispheric Asymmetry 68	
Language Is a Social Tool 14 Language Is a Rule-Governed System 15 Language Is Generative 16 Other Properties 17		Brain Maturation 69 Language Processing 70 Language Comprehension 72 Language Production 74	
Components of Language 17 Syntax 18 Morphology 20 Phonology 21 Semantics 22 Pragmatics 24		Models of Linguistic Processing 75 Information Processing 76 Other Processing Models 80 The Role of Executive Function 82 Conclusion • Discussion • Main Points • Reflections	
Relationship of Language Components 26 Dialects 27 A Changing Demographic 27 Bilingualism 28		4 Cognitive, Perceptual, and Motor Bases of Early Language and Speech	85
Dialectal Differences 30 Related Factors 31 American English Dialects 33 Conclusion • Discussion • Main Points • Reflections		Neurological Development 87 Neuron Growth 87 Anatomical Specialization in Your Cortex 87 Turning on and Getting Organized 87	
2 Describing Language	37	Early Cognitive Development 88 Sensation 88	
Linguistic Theory 39 Nature Versus Nurture 40 Generative Approach 41 Language Learning 42 Interactionalist Approach 43		Perception 90 Motor Control 91 Cognition 92 Learning 95 Cognition and Communication Development 96	
Conclusion 46 Learning Theory 47 Behavioral Learning Theory 47 Cognitivist Learning Theory 48 Social Constructivist Learning Theory 51 Conclusion 52		Speech 96 Language 106 Role of the Caregiver 109 Conclusion • Discussion • Main Points • Reflections 5 The Social and Communicative Base	206
Language Research and Analysis 53		of Early Language and Speech	112
Goals 53 Issues in the Study of Child Language 54 Cross-Language Studies 59 Conclusion • Discussion • Main Points • Reflections		Development of Communication: A Chronology 115 The Newborn 115 Socialization and Early Communication: Birth to 6 Months 118	;

Development of Intentionality: Age 7 to 12 Months 121	8 Preschool Pragmatic and	223
Maternal Communication Behaviors 127 Infant-Elicited Social Behavior 129 Cultural Social Services and Conden Differences 124	Semantic Development Preschool Development 225	223
Cultural, Socioeconomic, and Gender Differences 134	Development Overall 225	
Interactions Between Infant and Caregiver 136 Joint Reference 136 Joint Action 139 Turn Taking 142 Protoconversations 144	Pragmatic Development 226 Semantic Development 248 Lexical Development 249 Relational Terms 253 Conclusion 256	
Situational Variations 144 Conclusion • Discussion • Main Points • Reflections	Semantic and Pragmatic Influence on Syntactic Development 257	
6 Language-Learning and Teaching Processes and Young Children 147	Semantics 257 Pragmatics 258 Conclusion 259	
Comprehension, Production, and Cognitive Growth 149	Language Development Differences and Delays 259	
Cognition and Language 149 Less Is More 152	Language Development Differences 259 Simultaneous Acquisition 260	
Child Learning Strategies 153 Toddler Language-Learning Strategies 153 Preschool Language-Learning Strategies 158 Children's Processes of Language Acquisition 162	Language Development Delays 268 Conclusion • Discussion • Main Points • Reflections	
Adult Conversational Teaching Techniques 165	9 Preschool Development	
Adult Speech to Toddlers 165 Adult Conversations with Preschoolers 173	of Language Form	272
Importance of Play 177	Syntactic and Morphologic Development 274	
Development of Play and Language 178	The Semantic-Syntactic Connection 274	
Variations on a Theme 180	Language Input 276 Patterns in Preschool	
Individual Child Differences 181	Language Development 277	
Cultural and Social Differences 181	Bound Morphemes 277	
Conclusion • Discussion • Main Points • Reflections	Progressive -ing 279 Regular Plural -s 280	
7 First Words and Word Combinations in Toddler Talk 188	Possessive -'s or -s' 281 Regular Past -ed 281 Regular Third Person Singular -s 282	
Single-Word Utterances 193	Noun and Adjective Suffixes 282 Determinants of Acquisition Order 283	
Pragmatics 195 Initial Lexicons 200 Meaning of Single-Word Utterances 206	Phrase Development 285 Noun Phrase Development 286	
Early Multiword Combinations 210 Transition: Early Word Combinations 210 Multiword Utterances 212	Verb Phrase Development 287 Prepositional Phrase Development 293 Infinitive Phrase Development 294 Gerund Phrase Development 295	
Phonological Learning 214	Sentence Development 295	
Auditory Maps 214 Articulatory Maps 216 Single-Word Utterance Patterns 217 Phonological Processes 217 Learning Units and Extension 219	Declarative-Sentence Form 297 Interrogative-Sentence Form 297 Imperative-Sentence Form 303 Negative-Sentence Form 304 Sentencia to Clause Development 205	
Individual Differences 220	Subordinate Clause Development 305 Compound Sentence Development 308	
Conclusion • Discussion • Main Points • Reflections	Summary 310	

Phonemic and Phonologic Development 312	Development of Orthographic Knowledge 383 Spelling Development 384
Speech-Sound Acquisition 312 Phonologic Processes 315	Text Generation and Executive Function 386
AAE Dialectal Differences 319	Conclusion • Discussion • Main Points • Reflections
Conclusion • Discussion • Main Points • Reflections	12 Adalasaant and Adult I anguage 200
10	12 Adolescent and Adult Language 390
10 Early School-Age	Pragmatics 392
Language Development 322	Narratives 394 Speaking Styles 394
The Early School-Age Child 325	Conversational Abilities 395
Pragmatic Development 326	Gender Differences 397
Narratives 327 Conversational Abilities 334	Semantics 400 Word Definitions 400
Summary 337 Semantic Development 337	Syntax and Morphology 401
Vocabulary Growth 338	Noun Phrases 402 Verb Phrases 402
Conceptual Change 340	Conjuncts and Disjuncts 403
Related Cognitive Processing 341	Phonology 403
Figurative Language 341	Acoustic-Perceptual Knowledge 404
Syntactic and Morphologic Development 344 Morphologic Development 346	Articulatory Knowledge 404 Social-Indexical Knowledge 405
Noun- and Verb-Phrase Development 347	Literacy 405
Sentence Types 350 Summary 355	Bilingualism 406
Phonologic Development 355	Congratulations! 407
Morphophonemic Development 356	Conclusion • Discussion • Main Points • Reflections
Speech Production 357	
Summary 357 Metalinguistic Abilities 357	Appendix A
Language Difference 358	American English Speech Sounds 409
Code Switching Development 359	Appendix B
African American English Speakers and Society 360	Major Racial and Ethnic Dialects
Conclusion • Discussion • Main Points • Reflections	of American English 413
11 School-Age	Appendix C
Literacy Development 364	Daniel - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
The Process of Reading 366	Appendix D
Phonological Awareness 367	Computing MLU 427
Bottom-Up and Top-Down Processes 368	Appendix E
Reading Fluency 370 Comprehension 371	Background Grammar 429
Reading Development 373	
Emerging Reading 373	Glossary 434
Mature Reading 378	References 439
The Process of Writing 379 Orthographic Knowledge 380	Author Index 467
Spelling 381	Subject Index 477
Writing Development 381	
Emerging Writing 382	
Mature Writing 383	