

Contents

Preface	xi
I. Concepts Underlying the Study of Reading	1
1. Introduction	3
What Is Reading?	5
Reading for Many Purposes	9
The Plan of This Book	10
2. A Theory of Perceptual Learning and Its Relevance for Understanding Reading	13
What Is Learned	14
Processes and Principles	23
Trends in Perceptual Development	36
Summary	45
3. The Development of Cognitive Strategies	46
Strategies of Organization in Intellectual Tasks	46
Transfer in Cognitive Tasks	63
Development of Concepts and Meaning	77
Summary	86
4. Linguistic Concepts Necessary to Study Reading	87
Phonology	88
Morphology	93
Syntax	95
Suprasegmental Features	104
Summary	107
5. Language Development	109
Phonological Development	110
Morphological Development	125

Vocabulary Development	129
Grammatical Development	131
The Development of Word Meanings	146
Theories of Language Development	150
Summary	154
6. Writing Systems	156
The History of Writing	156
Types of Writing Systems	158
Design Characteristics of Writing	165
The Effects of Graphic Characteristics on Reading	168
What Writing Can Do that Speech Cannot	171
Orthographic Rules of English	172
Spelling Reform	183
Summary	187
7. On the Perception of Words: An Application of Some Basic Concepts	189
Why Words?	189
Methods of Studying Word Perception	191
What Is a Word?	193
Experimental Studies of Word Perception	195
Summary	223
II. The Study of Reading	225
8. The Development of Prereading Skills	227
The Perception of Speech Sounds	227
Early Development of Graphic Discrimination and Writing	230
Intermodal Matching and Association	246

Cognitive Factors	254
Programs for Teaching Prereading Skills	255
Summary	261
9. Beginning to Read	264
Motivation for Learning to Read	265
Learning to Read Words	276
Beyond the Word	306
Early Reading Programs	313
Summary	332
10. The Transition to Skilled Reading	334
Spelling and Reading	334
Subvocalization while Reading	340
Eye Movements in Reading	351
Grammatical Structure and Meaning	359
Comprehending Text	378
Summary	389
11. Learning from Reading	392
What Is Involved in Learning from Reading	392
Selective Extraction of Information	397
Comprehension and Its Measurement	400
Factors Affecting Comprehension and Retention	413
Summary	435
12. Models of the Reading Process in the Mature Reader	438
Can There Be a Single Model for Reading?	438
Information Processing Models of Reading	439

Analysis-by-Synthesis Models	449
Reading as an Adaptive Process	454
Summary	481
III. Questions People Ask about Reading	483
What Is Dyslexia?	485
How Well Do Deaf Children Learn to Read?	501
Do Variations in Dialect Affect Learning to Read?	505
Are There Cross-National Differences in Reading Achievement?	519
Rapid Reading: Whether, When, and How?	539
How Can Parents Help Children with Reading?	550
References	559
Subject Index	613
Author Index	621