Contents

Acknowledgments xi
Preface—Irving E. Sigel xiii

Chapter 1 APPLIED CHILD STUDY: AN INTRODUCTION 1

Introduction to the Introduction 1
What is Child Study? 3
Functions of Child Study 4
Ethical Considerations in Child Study 5
What Follows? 6

Chapter 2 BEHAVIOR IN CONTEXT 9

Introduction 9
The Role of Context in the Behavioral Sciences: A Brief History 11
Kurt Lewin: Behavior in Context 14
Ecological Observation 20
Bronfenbrenner: The Ecology of Human Development 23
Conclusions 26

Chapter 3 THE SCHOOL CONTEXT 29

Introduction 29
Roots of Educational Practice: Philosophical and Psychological Origins of School Practices 29
The School Curriculum 32
Planned-Variation: Follow-Through Models 35
Conclusions 41

Chapter 4 THE USE OF TESTS 43

Introduction 43
Types of Tests 44
Conditions of Standardization 46
Criterion-Referenced Tests 47
How Should We Test Children? 53
Technical and Practical Considerations in Testing 55
Conclusions 62
Appendix 62

Chapter 5 THE EXPERIMENTAL APPROACH 70

Introduction: The Experimental Approach 70
Laboratory Experiments 75
Field Experiments 76
The Experimental Approach Evaluated: Advantages and Disadvantages 84
The Experimental Report 85
Conclusions 86

Chapter 6 NATURALISTIC APPROACHES 88

Introduction 88
General Techniques for Observing Children 89
Conclusions 105

Chapter 7 LEARNING AND COGNITION 108

Introduction 108
Learning Theory 110
Piagetian Theory 118
Vygotskian Theory 127
Social Learning Theory 134
Conclusions 136

Chapter 8 CHILDREN'S SOCIAL COMPETENCE 140

Introduction 140
Social Competence 141
Social Competence in the Family 144
Social Competence and Peers 150
Affective States and Social Competence 152
Environmental Effects 153
The Effects of Others Presence 154
Friendship 156
Methods of Measuring Social Competence 156
Conclusion 162

Chapter 9 STUDYING CHILDREN'S LANGUAGE 167

Introduction 167
What is Language? 168
Aspects of Language 169
Theories of Language 171
Language in Context 174
Second-Language Development 183
Analyzing Language in Social Contexts 184
Language in School 189
Conclusion 196

Chapter 10 **CHILDREN'S PLAY** 199

Play Defined 199
The Role of Play in Applied Settings 202
Categorizing Play 203
Analyzing Aspects of Children's Symbolic Play 211
Conclusion 215

Chapter 11 **PROGRAM EVALUATION** 217

Introduction 217
What are the Program Goals? 219
Collecting Program Description Data 220
Psychometric Approaches to Program Evaluation 224
When is a Program Effective? 228
Evaluation Hazards 231
Conclusions 232

Author Index 235
Subject Index 239