

Contents

- Preface xv • About the Author xxi • To the Student xxiii
-

PART ONE

Creating the Environment That Supports Curriculum and Connects Children

chapter 1 **Starting the Process 2**

- Objectives 2
- Overview 3
- Early Childhood Education 3
 - Learning and Developmental Theories of Early Childhood Education 4
- Developmentally Appropriate Practice 13
 - Child Development and Learning 13
 - Individual Strengths, Interests, and Needs 18
 - Social and Cultural Contexts 19
- Importance of Play 19
 - Developmental Stages of Play 20
- Tips for Teachers 22
- Process of Planning 24
 - Schedules and Routines 24
- Communication with Parents 25
- Afterview 29
- Reflective Review Questions 30
- Key Terms 30
- Explorations 30
- Additional Readings and Resources 31
- Helpful Web Connections 32
- References 32

chapter 2 **Creating Curriculum 34**

- Objectives 34
- Overview 35
- Process of Curriculum Development 36
 - Examples of Curriculum Models and Programs 37
- Multicultural/Anti-Bias Considerations 41
 - Culture Is Learned 43
 - Special Needs Considerations 45
 - Managing the Environment with Appropriate Guidance Techniques 48
 - Arrangement of the Early Childhood Learning Environment 51
 - Criteria for Equipment, Materials, and Supplies Selection 56
- Themes, Units, Projects, and Webs 59
 - Themes and Units 59
 - Basic Concepts for Developing Thematic Curriculum 60
 - Projects 60
 - Webs 62
- Lesson Plans 63
 - Activity Plans 67
- Transitions 68
 - Examples of Transition Activities 69
- Plan of Observation, Assessment, and Evaluation 69
- Afterview 73
- Reflective Review Questions 73
- Key Terms 74
- Explorations 74
- Additional Readings and Resources 75
- Helpful Web Connections 75
- References 75

PART TWO

Discovering and Expanding the Early Education Curriculum

chapter **3** **Language and Literacy 80**

Objectives	80
Overview	81
Early Language and Literacy Development	82
Language Development of Young Children	82
Literacy Development of Young Children	84
Sharing Literacy: Encouraging Family Support	87
Respecting a Child's Bilingual, Bicultural World	89
Organizing and Planning for an Integrated Language and Literacy Environment	90
Setting Up the Writing Environment	92
Observation and Assessment to Support Literacy Learning	94
Literacy and Learning with Technology	97
Tips and Activities	98
Flannelboard Activities	98
Group Time Activities	100
Afterview	106
Reflective Review Questions	106
Key Terms	106
Explorations	107
Additional Readings and Resources	107
Helpful Web Connections	108
References	108

chapter **4** **Literature 110**

Objectives	110
Overview	111
Children's Literature and Literacy Development	112
Purposes and Values of Children's Books	113
Types and Genres of Books for Children	113
Alphabet Books	114
Beginning-to-Read Books	114
Big Books	114
Board Books	115
Concept Books	115
Counting Books	115

Folk Literature	115
Informational Books	116
Interaction Books	116
Mother Goose and Nursery Rhymes	116
Multicultural Books	116
Picture Books or Picture Story Books	117
Poetry	117
Predictable Books	117
Realistic Literature	117
Reference Books	118
Series Books	118
Teacher- and Child-Made Books	118
Wordless Picture Books	118

Children's Book Awards	119
Selection of Books for Young Children	120
Recommended Books	122
Age and Developmentally Appropriate Children's Books	123
Thematic Selection of Children's Books	125
Integrating Literature into Other Curriculum Areas	126
Technology and the Literacy Curriculum	127
Activities That Encourage Children to Become Authors and Illustrators	127
Teachers as Storytellers	129
Poetry	130
Sharing Literature: Family-School Connection	131
Tips for Teachers	135
Word Walls	135
Guidance Guidelines	136
Activity Plans	136
Afterview	144
Reflective Review Questions	144
Key Terms	144
Explorations	145
Additional Readings and Resources	145
Helpful Web Connections	146
References	146

chapter **5** **Math 148**

Objectives	148
Overview	149
Concept Development in Young Children	149
Math Language of Early Childhood	151
Numbers and Operations	152
Patterns, Functions, and Algebra	154
Early Geometry and Spatial Sense	154
Measurement	156
Data Analysis and Probability	157
Problem Solving	157

Integrating Math Experiences with Other Curriculum Areas	159
Math and Outdoor Activities	159
Math and Science	159
Math and Cooking	160
Math and Art	161
Math and Language, Literacy, and Literature	161
Materials for Developing Math Concepts	162
Tips for Teachers	163
Technology in the Mathematics Program	163
Observation, Assessment, and Evaluation	164
Sharing Math: Encouraging Family Support	166
Additional Activities	166
Afterview	170
Reflective Review Questions	171
Key Terms	171
Explorations	171
Additional Readings and Resources	172
Helpful Web Connections	172
References	172

chapter **6** **Science 174**

Objectives	174
Overview	175
Basic Scientific Process Skills and Concepts for Young Children	175
Methods of Discovery	177
Creating a Scientific Environment	178
Investigate Water	179
Discover Rainbows	180
Explore Shadows	180
Focus on Nature	181
Ecology in the Early Education Environment	182
Suggested Science Materials and Equipment	184
Extended Science Activities	184
Animals in the Early Education Classroom	187
Sharing Science: Encouraging Family Support	189
Tips for Teachers	190
Developmentally Appropriate and Multicultural/Anti-Bias Activities	190
Observation, Assessment, and Evaluation	191
Afterview	196
Reflective Review Questions	196
Key Terms	196
Explorations	197

Additional Readings and Resources	197
Helpful Web Connections	198
References	198

chapter **7** **Social Studies 200**

Objectives	200
Overview	201
Developmentally Appropriate Practice and the National Council for the Social Studies Curriculum Standards	201
Goals of Early Education Social Studies	203
Activities That Support the Goals	205
Sharing Social Studies: Creating Partnerships with Families and the Community	208
Field Trips as Concrete Experiences in Early Education	210
Types of Field Trips	211
Planning for a Successful Field Trip	211
Taking the Field Trip	213
Follow-Up to and Assessment of the Field Trip	213
Suggested Field Trips	214
Tips for Teachers	215
Developmentally Appropriate and Multicultural/Anti-Bias Activities	216
Family Quilts	216
Making the Class into a Neighborhood	218
Afterview	218
Reflective Review Questions	219
Key Terms	219
Explorations	219
Additional Readings and Resources	220
Helpful Web Connections	220
References	220

chapter **8** **Art 222**

Objectives	222
Overview	223
Children's Developmental Stages in Art	224
Infants and Toddlers	224
Preschoolers, Prekindergarteners, and Kindergarteners	225
Early Primary Grade	226
Teacher as Facilitator and Observer	228

Establishing an Environment for Creative Expression and Experimentation	229
General Guidelines for Providing an Art Environment	230
Guidance Guidelines	231
Use of Food in Art Projects	232
Outdoor Environment	233
Aesthetic Environment	233
Involving Children in All Forms of Art	234
Tearing, Cutting, and Gluing	234
Painting	235
Drawing with Crayons, Markers, and Chalk	237
Three-Dimensional Materials	238
Art as a Stimulus for Other Curriculum Areas	239
Sharing a Child's Art: Encouraging Family Support	241
Special Needs	241
Tips for Displaying Children's Art	242
Technology	243
Developmentally Appropriate Multicultural and Anti-Bias Activities	243
Observation and Assessment Strategies	244
Afterview	245
Reflective Review Questions	245
Key Terms	246
Explorations	246
Additional Readings and Resources	247
Helpful Web Connections	247
References	247

chapter 9 **Sensory Centers 249**

Objectives	249
Overview	250
Water, Sand, and Mud Play	251
Purposes and Objectives	252
The Teacher's Role	253
Props and Materials	253
Blocks	254
Developmental Stages of Block Building	257
Purposes and Objectives	259
The Teacher's Role	260
Woodworking	261
Purposes and Objectives	261
The Teacher's Role	261
Equipment and Materials	263
Nutrition and Cooking Experiences in Early Education	263
Nutrition	263
Cooking	264
Purposes and Objectives	267

The Teacher's Role	267
Equipment and Supplies	269
Sensory Snacks	270
Activities Suggested in the Five Senses Curriculum Web	270
Recipe Suggested in the Curriculum Web	275
Afterview	277
Reflective Review Questions	277
Key Terms	277
Explorations	277
Additional Readings and Resources	278
Helpful Web Connections	278
References	279

chapter 10 **Music and Movement 280**

Objectives	280
Overview	281
Music and Movement Education for Young Children	282
Motor Development and Physical Fitness	283
Types of Music	285
Songs and Singing	285
Using the Voice	286
Choosing Classical Selections	286
Musical Instruments	287
Types of Instruments	287
Introducing Musical Sounds and Instruments	288
Making Musical Instruments	289
Storing and Caring for Instruments	291
Music and Movement Environments and Activities	291
"Simon Says Move Fingers, Hands, and Arms" Activity	291
Friends Go Marching Activity	292
Poem, Music, and Movement Activity	292
Obstacle Course Activity	293
Beanbag Activity	293
Move with Scarves Activity	293
Connecting Music and Movement with Other Areas of the Curriculum	294
Tips for Teachers	295
Afterview	302
Reflective Review Questions	302
Key Terms	302
Explorations	303
Additional Readings and Resources	303
Helpful Web Connections	304
References	304

chapter **11**
Puppets 305

Objectives 305
Overview 306
Historical View of Puppetry 306
Planning for Puppets in Early Education 307
 Setting Up the Environment 310
Easy-to-Make Puppets 311
 Hand Puppets 311
 Stick or Rod Puppets 313
 Marionettes 314
 Shadow Puppets 314
Materials Needed 314
Suggestions for Placement and Storage of Puppets 316
Connecting Puppets to Curriculum Areas 317
Sharing with Families: Taking Puppets Home 318
Puppets and Television 318
Tips for Teachers 324
Afterview 326
Reflective Review Questions 326
Key Terms 326
Explorations 326
Additional Readings and Resources 327
Helpful Web Connections 327
References 328

chapter **12**
Dramatic Play 329

Objectives 329
Overview 330
Dramatic Play Defined 331
Developmental Stages of Dramatic Play 332
 Understanding Fantasy and Reality in Young
 Children 332

Planning and Preparing the Environment 333
 The Teacher's Role in Children's Dramatic
 Play 333
Adaptations for Special Needs Children 334
Sharing with Families: Making Prop
 Boxes 335
 Clothes for the Dramatic Play Center 336
Integrating Dramatic Play into the
 Curriculum 336
 Dramatic Play for Infants 336
 Dramatic Play for Toddlers 337
 Dramatic Play for Preschoolers 337
 Dramatic Play for Primary-Grade Children 338
 Dramatic Play and Other Learning
 Centers 338
Tips for Teachers 339
Additional Developmentally Appropriate
 Activities 341
Afterview 345
Reflective Review Questions 345
Key Terms 345
Explorations 345
Additional Readings and Resources 346
Helpful Web Connections 346
References 347

-
- *Appendix A*
My Self: Integrated Curriculum
Theme with Activities 349
 - *Appendix B*
Resources for Teachers, with Website
Listings 361
 - *Appendix C*
Professional Organizations 367
 - *Glossary 371*
 - *Index 377*
-