Contents

Chapter 1 Purposes of the Middle School	1
Definition of the middle school Primary functions of a middle school	1 2 3 5
Description of an organizational unit for middle schools	3
Corollaries to middle school functions	5
Programmatic purposes	9
UNIT I CHARACTERISTICS OF EMERGING ADOLESCENCE	17
Chapter 2 Physical Development in Emerging Adolescence	19
Physical changes at puberty	19
Secular trends in sexual maturation	23
Implications for education	24
Chapter 3 Socio-emotional Aspects of Emerging Adolescence	33
Emotional characteristics	33
Social phenomena	40
Implications for middle school education	44
Chapter 4 Intellectual Development in Emerging Adolescence	61
Developmental cognitive growth	62
Factors in cognitive development during emerging adolescence	71
Implications for middle school education	74
UNIT II SOURCES FOR DECISIONS IN EMERGING	
ADOLESCENT EDUCATION	81
Chapter 5 Historical Survey of the Purposes of American Education	83
College preparation and intellectual base	83
Social purposes	85
Individual purposes	88
Structure of knowledge	90
Reconstructive purposes	91
Emphasis upon individual purposes	93

.

Chapter 6 Cultural Determinants for Educational Decision Making	96
Population explosion	98
Knowledge explosion	100
Human aspirations	106
Dynamism of the American society	109
Implications for education	111
Chapter 7 Behavioral Science Theories	118
Behaviorism	118
Gestalt psychology	120
Field theory	121
Cognitive theories of learning	122
Personality theory	123
Implications for middle school education	125
UNIT III CURRICULUM FOR EMERGING ADOLESCENTS	131
Chapter 8 Curriculum Balance and Sequence	133
Balance	133
Sequence	138
Chapter 9 Content Acquisition and Use	142
General education in the curriculum	143
The taxonomies of educational objectives	145
Psychomotor domain	145
Affective domain	149
Cognitive domain	154
Practices in the curriculum	159
Chapter 10 Development of Learning Skills	168
Psychomotor domain	169
Physical process development	170
Affective domain	174
Development of processes in the affective domain	176

Contents

Cognitive domain Cognitive processes	179 181
Chapter 11 Individual Enrichment Purposes Exploration areas Implications for teachers	187 187 192 206
UNIT IV INSTRUCTIONAL PROCEDURES	219
Chapter 12 Teacher as Organizer of Learning Environment Teacher as model Teacher as planner Teacher as diagnostician Teacher as manager Teacher as guide to resources	221 222 228 235 244 245
Chapter 13 Teacher as Learning Facilitator Learning purposes Implications for teachers	255 257 261
Chapter 14 Organization for Learning Nongraded organization Core programs Team teaching Modular scheduling Resource center	269 270 275 284 294 295
Appendix A Units as Learning Experiences	307
Appendix B Diagnosis and Evaluation	308
Appendix C Middle School Practices	312
Author Index	323
Subject Index	327

ix