

# CONTENTS

PREFACE	xi
ACKNOWLEDGMENTS	xvii

## PART I MASTERS

INTRODUCTION: Structures and Symbols	3
1 Jean Piaget: Psychologist, Educator, and Genetic Epistemologist	6
2 Encounter at Royaumont: The Debate Between Jean Piaget and Noam Chomsky	16
3 Claude Lévi-Strauss: Toward the Structures of Art	27
4 Ernst Cassirer and the Symbolic Approach to Cognition	40
5 <i>Philosophy in a New Key</i> Revisited: An Appreciation of Susanne Langer	48
6 Nelson Goodman: The Symbols of Art	55
7 Ernst Gombrich: Why Art Has a History	65

## PART II

### ARTISTIC DEVELOPMENT IN CHILDREN

INTRODUCTION	83
GENERAL ARTISTIC DEVELOPMENT	
8 Exploring the Mystery of Artistic Creativity	86
9 The Child as Artist	91
10 Children's Conceptions (and Misconceptions) of the Arts (WITH ELLEN WINNER)	103

## Contents

11	Max and Molly: Individual Differences in Early Artistic Symbolization (WITH DENNIE WOLF AND ANN SMITH)	110
DEVELOPMENT IN SPECIFIC ARTISTIC MEDIA		
12	The Golden Age of Drawing	128
13	In Search of the <i>Ur</i> -Song	144
14	The Child Is Father to the Metaphor (WITH ELLEN WINNER)	158
15	The Birth of Literary Imagination	168
EXCEPTIONAL CHILDREN		
16	Nadia's Challenge	184
17	The Prodigies' Progress	192

## PART III

### ON EDUCATION AND MEDIA: THE TRANSMISSION OF KNOWLEDGE

INTRODUCTION		205
18	Unfolding or Teaching: On the Optimal Training of Artistic Skills	208
19	Illuminating Comparisons: Looking at Fakes and Forgeries	218
20	Toys with Minds of Their Own	227
21	Are Television's Effects Due to Television?	234
22	Cracking the Codes of Television: The Child as Anthropologist (WITH LEONA JAGLOM)	241
23	Television's Effects on Children: Does It Stimulate or Stultify?	252
24	Dictated by Necessity, or Everyman His Own Boswell	257

## PART IV

### THE BREAKDOWN OF THE MIND

INTRODUCTION		265
25	Brain Damage: A Window on the Mind	269
26	What We Know (and Do Not Know) About the Two Halves of the Brain	278
27	The Loss of Language	286

## Contents

28	The Forgotten Lesson of Monsieur C	298
29	Missing the Point: Language and the Right Hemisphere	309
30	Artistry After Brain Damage	318
31	The Lives of Alexander Luria	336

## PART V

### THE HEIGHTS OF CREATIVITY

INTRODUCTION	351
32 Creativity in the Adult Years	352
33 The Compositions of Mozart's Mind	358
REFERENCES	369
INDEX	373