

Contents

Preface to the First Edition	v
Preface to the Second Edition	vii
Introduction	1
Biography	2
Approach to Research	5
The Organization of the Book	8
Chapter One. Intellectual Organization and Adaptation	9
Schema	10
Assimilation	14
Accommodation	16
Equilibrium	17
Chapter Two. Cognitive Development and Other Factors	20
Heredity and Cognitive Development	20
Content, Function, and Structure	21
Action and Cognitive Development	23
Motivation	27
Periods of Development	28
Period Transition Factors	31
Summary	35
Chapter Three. The Sensori-Motor Period	37
Stage 1 (0-1 Month)	39
Stage 2 (1-4 Months)	43
Stage 3 (4-8 Months)	49
Stage 4 (8-12 Months)	52
Stage 5 (12-18 Months)	57
Stage 6 (18-24 Months)	61
Summary of the Sensori-Motor Period of Development	65

Chapter Four. The Period of Preoperational Thought . . .	69
Language	69
Language and Thought	72
Socialization of Behavior	75
Obstacles to the Development of Logical Thought . . .	76
Conversation	83
Research on Conservation Learning	90
Summary of the Preoperational Period	94
Chapter Five. The Period of Concrete Operations	96
How Concrete Operational Thought Differs from Preoperational Thought	97
Logical Operations	101
Summary of the Period of Concrete Operations	107
Chapter Six. The Period of Formal Operations	109
How Formal Operations Differ from Concrete Operations	110
Characteristics of Formal Operations	111
Summary of the Period of Formal Operations	116
Chapter Seven. Cognitive Development and Adolescence	117
Egocentrism and Adolescence	119
Chapter Eight. Summary of Intellectual Growth and Its Implications for Education	124
Summary	124
Implications of Piaget's Theory for Education	133
A Word About Teaching	149
Chapter Nine. The Development of Moral Reasoning in the Child	152
Children's Concepts of Rules	154
Concepts of Accidents and Clumsiness	159

Children and Lying	163
Punishment and Justice	166
What Promotes Moral Reasoning?	175
Educational Implications	177
Bibliography	182
Index	187