## Contents

Note on the Berna	rd van Leer Foundation	xiii
A Note to the Eng	lish Edition	xv
GENERAL INTRODUCT	TON	1
Part 1 : SOCIO-CU	LTURAL HANDICAPS IN EARLY CHILDHOOD:	
•	of the research undertaken by the Service de gie genetique de l'Université Libre de BRUXELLES	3
INTRODUCTION		5
CHAPTER 1:	POPULATION AND PROCEDURE	7
	1. Sampling and data collection	7
	2. Assessment of socio-economic and socio-cultural levels	8
	3. Assessment of the child's level of development	10
	4. Assessment of parental attitudes	11
	5. The questionnaire	12
CHAPTER 2:	RESULTS	13
	<ol> <li>Socio-economic and socio-cultural level of the families and level of development of the child</li> </ol>	13
·	2. Socio-economic and socio-cultural level of the families and mothers' attitudes	15
	3. Mothers' attitudes and children's development	16
	3.1 Mothers' attitudes and developmental quotients	16
	3.2 Mothers' attitudes and indices of genetic development	19
	3.3 Mothers' attitudes and indices of harmony and coherence 3.4 Conclusions	21 24

		4.	The questionnaire	24
			4.1 Relationships between parental attitudes and socio-economic or cultural factors 4.2 Relationships between variables pertaining to the child's behaviour and socio-	25
			economic or cultural factors	27
	CHAPTER 3:	THE	INVESTIGATION - ACTION IN THE CRECHE	29
		1.	Purpose and motivation of the experiment	29
		2.	The psychologist's action	30
			2.1 Influencing the mursery nurses	30
			2.2 Influencing the staff	31
			2.3 Influencing the families	31
			2.4 Influencing the children	31
			2.5 Influencing the institution	32
		3.	Results of the action	32
		4.	Conclusions	34
	CONCLUSION			35
Part	2 : FROM COM	PENSA	ATION TO EDUCATIONAL INNOVATION	
			he research undertaken by the Laboratorium voor spsychologie van de Rijksuniversiteit GENT	39
	INTRODUCTION			41
	CHAPTER 1:	THE	COMPENSATION PROGRAMME 1970-1973	43
		1.	Objectives and content	43
			1.1 The perceptual-motor programme	43
			1.2 The language-thought programme	44
		2.	Application	45
		3.	Evaluation	46
			3.1 The Leiter	46
			3.2 AKIT	47
			3.3 Frostig	47
		4.	Conclusion	47
	CHAPTER 2:		ENVIRONMENT. ENVIRONMENTAL INVESTIGATION PRE-SCHOOL LEVEL	53
		1.	Population and variables	53
			1.1 Population	53
			1.2 Variables	54
			1.3 Variables according to social class	54

			Contents
	2,	Correlation study	55
		2.1 Methodology	55
		2.2 Conclusions of correlation study	58
	3.	Environmental variables in relation to test variables: further analysis	59
		3.1 Introduction	59
		3.1.1 The environmental data	59
		3.1.2 Factor analysis of the test results	60
		3.2 Environmental variables in relation to test variables	60
		3.2.1 Methodology	60
		3.2.2 Summary of the results	60
	4,	Conclusion	62
CHAPTER 3		NVIRONMENTAL INVESTIGATION AT PRIMARY SCHOOL	63
	1.	Population and variables	63
		1.1 Population and sampling	63
		1.2 Dependent variables	63
		1.3 The independent variables: environmental investigation	64
	2.	Environmental investigation - Form B: environmental variables in relation to test criteria	65
		2.1 Introduction	65.
		2.1.1 Social class and estimated variables	66
		2.1.2 Scales: attitude towards the child, the school and the society	66
		2.2 Environmental variables in relation to reading comprehension	66
	3.	Environmental investigation - Form A: environmental variables in relation to test criteria	67
	4.	Summary and conclusion	68
CHAPTER 4:	TR	ANSITION PHASE	71
CHAPTER 5:	TH	E PRE-SCHOOL PROJECT: PERIOD 1974-1976	77
	1.	Objectives and content of the programme	77
		1.1 Year's frame	78
		1.2 Global development of a central item	79
		1.3 Activities	80

vii

	2.	Application	81
		2.1 Educational guidance	82
		2.2 Cooperation with the parents	82
		2.3 The school social worker	83
	3.	Evaluation	83
		3.1 Pre-test with a random group	83
		3.2 Post-test	83
CHAPTER 6:		EGRATION OF THE PRE-SCHOOL PROJECT AND PENSATION PROJECT	87
	1.	The basic curriculum	87
	2.	Specific programmes	87
		2.1 Introduction	87
		2.2 Procedure adopted 1976-1977	88
		2.2.1 Content	88
		2.2.2 Evaluation	89
		2.3 Procedure adopted 1977-1978	92
		2.3.1 Contents of the programme 'Auditory Skills'	92
		2.3.2 Evaluation	93
		2.3.3 Plans for 1978-1979	93
CONCLUSIONS	OF T	HE GHENT ENRICHMENT AND STIMULATION PROJECT	95
	1.	Starting points	95
		1.1 General	95
		1.2 Phases in the screening of environmental influences	96
		1.3 Transition from pre-school to primary school	96
	2.	Strategies	96
		2.1 General	96
		2.1.1 Social action with particular ref- erence to influence on the family	97
		2.1.2 School strategies (including psycho- logical techniques for intervention)	97
		2.2 Some aspects of a stimulation strategy	97
	3.	Conclusion concerning educational innovation	98
		3.1 Approaches	<b>9</b> 8
		3.2 Institutions	99
		3.3 Structure	99
		3.4 Training the teachers	100
		3.5 Scientific research	100

Part			AL DIFFERENCES AND THE IMPROVEMENT OF EDUCATION 2 - 7 YEAR OLD CHILDREN				
	Summary Pédagogi	of t e ex	he research undertaken by the Laboratoire de périmentale, Université de l'Etat à LIEGE	101			
	INTRODUCTION: BASIC OPTIONS						
	CHAPTER 1:	DEV	ELOPMENT OF THE RESEARCH	105			
		1.	First phase (1969-1971)	105			
			1.1 Procedure	106			
			1.2 Results and Comments	106			
		2.	Second phase (1972-1975)	107			
	CHAPTER 2:		TWO-YEAR-OLD CHILD IN GROUPS: DIRECT ERVATION, ACTION AND THE STUDY OF INSTITUTIONS	111			
		1.	Observation	111			
			1.1 Objectives	111			
			1.2 Methods	111			
			1.3 Sample and experimental design	112			
			1.4 Results	112			
		2.	Study of institutions	114			
		3.	Centres receiving young children	114			
		4.	Further developments	115			
	CHAPTER 3:		PERATIVE DEVELOPMENT OF A CURRICULUM FOR NURSERY SCHOOL	117			
		1.	Differential study of cognitive development: results and comments	117			
			1.1 Samples and tests	117			
			1.2 The results	117			
			1.3 Explanatory hypotheses	118			
		2.	Action in the nursery school	119			
			2.1 Analytical phase: providing an heuristic environment (1971-1972)	119			
			2.1.1 Objectives and procedure	120			
	•		2.1.2 Results and comments	120			
			2.2 Phase of synthesis: combination of developmental and cultural aspects	121			
			(1972–1974)	121			
			2.2.1 Objectives and procedure	122			
			2.2.2 Results and comments	125			

## x Contents

				further training of nursery school teachers (as from 1975)	126
				3.1 In the nursery school	126
				3.2 In the teacher training college	126
	CHAP'	TER 4:	MAST SCHO	ERY LEARNING IN THE FIRST YEAR OF PRIMARY OL	129
			1.	Changing the school	129
				1.1 Teaching of an unequal quality	129
			2.	Meanwhile, developing a mastery learning	130
			3.	Methods of action	131
				3.1 Definition of increasingly specific objectives	131
				3.2 Application of the evaluation system	132
				3.3 Communicating findings to the teacher and discussion of methodological consequences	133
			4.	Results	133
				4.1 Internal evaluation	134
				4.2 External evaluation	134
			5.	The limitations of mastery learning	136
			6.	The advantages of mastery learning	137
			7•	Attempts at dissemination of mastery learning to other schools	137
				7.1 Dissemination in the field of mathematics	137
				7.2 Dissemination in the field of reading	139
•	CONC	LUSIONS			143
Dowt	Jı .	EDUA MT	ON AND	D SOCIAL ENVIRONMENT	
rart	4 1		-	he research undertaken by the Departement des	
		Etudes de l'Et	et de	s Recherches Psycho-pédagogiques de l'Université	147
	INTE	ODUCTIO	N		149
	CHAI	TER 1:	THE	ENVIRONMENT	1 51
			1.	Geographical and economic context	151
			2.	Cultural and educational context	151
	CHA	PTER 2:		RESEARCH PROJECT - PHASE ONE: AROUSING	153
			1.	Characteristics of the socio-economic and	100
			•	cultural environment	1 53

			Contents
		1.1 Special features of the environment	153
		1.2 Defining social status	153
	2.	Pre-school education for socially deprived children	153
	3.	An attempt to give educational help to socially deprived families	154
	4.	A child's right to education	155
		4.1 Educational pamphlets	155
		4.2 What parents think about the child's right to education	156
CHAPTER 3:	PHA	SE TWO : LEARNING TO PARTICIPATE	159
	1.	Educational practices	159
		1.1 Presentation and content	159
		1.2 Objectives	159
	2.	Relationship between aspects of the personality of the parents and the kind of educational help given	159
	3.	Approach to psycho-linguistic interaction in the family	161
	4.	Stimulation of parent-child linguistic interaction in a deprived environment	161
	5•	Comparing the evaluation of two training programmes in spatial relations	162
CHAPTER 4:	PHA	SE THREE : LEARNING TO COOPERATE	169
	The	Cooperative of Educational Activities	169
	1.	Sharing the educational role	169
	2.	Making use of the activities	169
	3.	The objectives of the cooperation	170
	4.	Training the parents	170
	5.	Personalisation of the project	171
	6.	The aims and validity of the project	171
	7.	The use of 'monitors'	171
	8.	Towards more suitable learning methods	172
CHAPTER 5:	CON	CLUSIONS AND NEW PERSPECTIVES	177
	1.	The school as an institution: the pre-school	177
		1.1 The existing system: some observations	177
		1.2 The action research: its results and limitations	177
		1.3 Future prospects	179

хi

## xii Contents

				2. The home environment	179
				2.1 The present situation: findings	179
				2.2 The action research: its results and limitations	180
				2.3 Future prospects	180
				3. The community	180
				3.1 The present situation: findings	180
				3.2 The action research: its results and limitations	181
				3.3 Future prospects	181
	CHAF	TER	6:	RECENT INNOVATIONS AND DEVELOPMENTS	183
				1. Innovations involving the school	183
				2. Innovations involving the family	184
				<ol> <li>Innovations involving local and regional organisations</li> </ol>	185
	APPE	ENDIX		LIST OF THE ANALYTICAL REPORTS RELATING TO THE DIFFERENT STAGES IN THE ACTION RESEARCH PROJECT	187
Part	5:	GEN	ERAL	CONCLUSIONS	<b>1</b> 89
		1.	Resu	ults	191
			1.1	Psychological development	191
			1.2	Institutions and individuals	192
			1.3	The measures taken	192
		2.	Poli	icy suggestions	193
			2.1	Stimulation strategies	193
			2.2	Teacher training	193
			2.3	Further research	193
			2.4	Strategies for change	194
			BLICAT INDATI	FIONS BY OR ON BEHALF OF THE BERNARD VAN LEER	100
		1.00	MANTI	TO14	197