

Table of contents

Acknowledgements iii

Preface v

1. **The first Plane of Development: Maria Montessori’s Educational Concept for Children from 0 – 6 Years 1**
by Ela Eckert

1.1 Characteristics and Developmental Needs of Children 3 – 6 Years and the Children’s House Concept 4

1.2 Summary 13

2. **The Second Plane of Development: Characteristics and Developmental Needs of Children from 6 – 12 Years. 15**
by Ela Eckert

2.1 Maria Montessori’s Concept for Children 6 – 12 Years and the Concept Cosmic Education 18

2.2 Concretizing Cosmic Education in India 20

2.3 Cornerstones of Cosmic Education 22

2.4 Summary 26

3. **The Third Plane of Development: Characteristics and Developmental Needs of Adolescents from 12 – 18 Years 29**
by Ela Eckert

3.1 Developmental Needs in Adolescence 31

3.2 Adolescence from the Perspective of Neurobiology and Developmental Psychology 40

3.3 Conclusions for Education and Learning in Adolescence 45

3.4 Summary 48

4. **Erdkinder: A Revolutionary Concept for Educating Adolescents . . 51**
by Ela Eckert

4.1 The Emergence of Erdkinder 51

4.2 Components of the Erdkinder Concept 56

4.3 Plan of Study and Work. 66

4.4	Methods of Learning in the Erdkinder Concept	74
4.5	Summary	76
5.	Education for Peace	79
	<i>by Ela Eckert</i>	
5.1	The Competence of Children and Adolescents for Peace	83
5.2.1	Education for Peace in the First Plane of Development (0 – 6)	84
5.2.2	Education for Peace in the Second Plane of Development (6 – 12)	86
5.2.3	Education for Peace in the Third Plane of Development (12 – 18)	87
6.	Erdkinder in Practice	89
6.1	On the Importance of Work and Community	90
	<i>by Sven Burger</i>	
6.2	Work & Study at the Farm Schools of Abba's Orchard	101
	<i>by Ela Eckert</i>	
6.3	The Vienna Model: A Flowing Transition from City to Countryside.	113
	<i>by Roman Klune</i>	
6.4	Erdkinder at the Montessori School Göttingen – An Urban Compromise	141
	<i>by Wiebe Möller</i>	
6.5	One School, Two Sites: Erdkinder in Berlin	162
	<i>by Annika Albrecht and Timo Nadolny</i>	
6.6	The Upper Adolescent Program and Its Foundation: The Abba's Orchard Erdkinder Experience	177
	<i>by Christopher N. Barrameda</i>	
7.	Practitioners in Conversation: Expert Interviews on the 'Erdkinder' Concept	213
7.1	Interview with Jenny Marie Höglund – Head of the Montessori Centre for Work & Study Rydet, Sweden	213
7.2	Interview with Lesley Ann Patrick – 'House Parent' at the 'Montessori Centre for Work and Study Rydet' / Sweden from 2012 – 2015	222
7.3	Interview with Angelica Paez Barrameda and Christopher N. Barrameda, Directors of the 'Abba's Orchard Montessori Schools', Philippines	228
7.4	Interview with Nico Specht and David Fischer: Students of the Montessori Farm Class Aulendiebach.	235

7.5 Interview with Lars Prignitz – Head of the Montessori Farm
Class Aulendiebach. 238

8. **The Montessori Education Program: It’s Impact on Cognitive
Achievement with Emphasis on Secondary Education – Research
Findings** 247
by Angelica Paez Barrameda

9. **A Montessori Community for Adolescents (Reprint)** 267
by Camillo Grazzini and Baiba Krumins Grazzini

10. **The Emergence and Formalization of the Psychodisciplines: A
Montessori Continuum for High School, University, and the Earth** . 291
by David Kahn and Caren Ross

Bibliography 315

Addresses 321

Photo Credits: 323