

| | |
|-------------------------|--|
| 1. Record Nr. | UNINA9910299548003321 |
| Titolo | Mathematics Education in the Early Years : Results from the POEM3 Conference, 2016 // edited by Christiane Benz, Anna S. Steinweg, Hedwig Gasteiger, Priska Schöner, Helene Vollmuth, Johanna Zöllner |
| Pubbl/distr/stampa | Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018 |
| ISBN | 3-319-78220-7 |
| Edizione | [1st ed. 2018.] |
| Descrizione fisica | 1 online resource (XIV, 309 p. 75 illus., 57 illus. in color.) |
| Disciplina | 370 |
| Soggetti | Mathematics—Study and teaching Learning Instruction Teaching Mathematics Education Learning & Instruction Teaching and Teacher Education |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di contenuto | Introduction -- Young Children's Engagement with Mathematics: Expanding Teacher Educators' Views -- Preservice Teachers Recognising and Responding to Young Children's Engagement with Mathematics -- Using Children's Patterning Tasks during Professional Development for Preschool Teachers -- Mathematics Education Competence of Professionals in Early Childhood Education: A Theory-Based Competence Model -- Stories Neglected About Children's Mathematics Learning in Play -- The Genesis of Children's Mathematical Thinking in Their Early Years -- Visual Structuring Processes of Children When Determining the Cardinality of Sets: The Contribution of Eye-Tracking -- Is Considering Numerical Competence Sufficient? The Structure of 6-Year-Old Preschool Children's Mathematical Competence -- TellMEE: Telling Mathematics in Elementary Education -- Designing Playful Inquiry Based Mathematical Learning Activities for Kindergarten -- Talking about Measuring in |

Kindergarten: Linguistic Means in Small Group Interactions -- Early Maths Via App Use: Some Insights in the EfEKt Project -- How Can A Father Be Supportive for the Mathematics Learning Process of A Child? The Relationship between Scaffolding and the Interactional Niche in the Development of Mathematical Learning in the Familial Context -- Instruction and Construction of Mathematics at Home: An Exploratory Study -- Index.

Sommario/riassunto

This book gives insight in the vivid research area on early mathematics learning. The collection of selected papers mirror the research topics presented at the third POEM conference. Thematically, the volume reflects the importance of this relatively new field of research. Structurally, the book tries to guide the reader through a variety of research aims and issues and is split into four parts. The first two parts concentrate on teacher professional development and child learning development; the third part pools research studies creating and evaluating designed learning situations; and the fourth part bridges focuses on parent-child-interaction.
