

1. Record Nr.	UNINA9910148693203321
Autore	Churchill Eileen
Titolo	Counting and Measuring : An Approach to Number Education in the Infant School // Eileen Churchill
Pubbl/distr/stampa	Toronto : , : University of Toronto Press, , [2017] ©1961
ISBN	1-4426-5470-8 1-4426-5279-9
Descrizione fisica	1 online resource (242 pages) : illustrations, tables
Collana	Heritage
Disciplina	372.7
Soggetti	Arithmetic - Study and teaching (Elementary) Number concept
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Frontmatter -- Contents -- Plates -- Figures -- Foreword -- Preface -- Chapter One. About Caroline and Others -- Chapter Two. The Beginnings of Numbering -- Chapter Three. The Growth of Number Systems -- Chapter Four. The Beginnings of Understanding -- Chapter Five. The Origins of Symbolism -- Chapter Six. From the Concrete to the Abstract -- Chapter Seven. From Comparison to Measurement -- Chapter Eight. From Counting to Calculation -- Chapter Nine. An Exploration of Space -- Chapter Ten. The Role of the Teacher -- Bibliography -- Index
Sommario/riassunto	The teaching of numbers in the primary grades is seen in this book as the foundation of the beginnings of mathematical understanding. Mathematics is taken to be a language, and the aim of its teaching is to make the pupil, so to speak, bilingual, or so to increase his understanding that he is able to translate a concrete numerical problem into the symbolic language of calculation. For a child taught along these lines, how much easier, for example, would be the transition from arithmetic to algebra!Miss Churchill is fully conversant with the works of Piaget, Cuisenaire, Cassirer and other leading thinkers in educational philosophy, psychology, and linguistics. She has synthesized their concepts with her own experience and research at

Leeds University, and, though written within the contexts of British education, her book should also have a marked influence on the teaching of young children in North America.
