

1. Record Nr.	UNINA9910827656403321
Titolo	Mathematics education in Korea : curricular and teaching and learning practices // edited by Jinho Kim ... [et al.]
Pubbl/distr/stampa	Singapore ; ; Hackensack, N.J., : World Scientific Pub., c2013
ISBN	1-283-85083-4 981-4405-86-8
Edizione	[1st ed.]
Descrizione fisica	1 online resource (319 p.)
Collana	Series on mathematics education ; ; vol. 7
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Disciplina	510.710519
Soggetti	Mathematics - Study and teaching - Korea Mathematics - Korea
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	CONTENTS; Overview; Part 1; Part 3; Chapter 1 History of Mathematics Curriculum in Korea; 1. The Quickening of Mathematics Curriculum in Korea (1885~1945); 2. The Period of a Syllabus of Lectures (1946~1954); 2.1. Elementary School; 2.2. Middle School; 3. The 1st Mathematics Curriculum (1955~1963); 3.1. Elementary School; 3.2. Middle School; 3.3. High School; 4. The 2nd Mathematics Curriculum (1964~1972); 4.1. Elementary School; 4.2. Middle School; 4.3. High School; 5. The 3rd Mathematics Curriculum (1973~1981); 5.1. Elementary School; 5.2. Middle School; 5.3. High School 6. The 4th Mathematics Curriculum (1982~1988)6.1. Elementary School; 6.2. Middle School; 6.3. High School; 7. The 5th Mathematics Curriculum (1989~1994); 7.1. Elementary School; 7.2. Middle School; 7.3. High School; 8. The 6th Mathematics Curriculum (1995~1999); 8.1. Elementary School; 8.2. Middle School; 8.3. High School; 9. The 7th Mathematics Curriculum (2000~2006); 9.1. General Features of the 7th Curriculum; 9.2. The Flow and Basic Structure of the 7th Curriculum; 9.3. Synopsis of the 7th Mathematics Curriculum; 9.3.1. Compulsory Period; 9.3.1.1. 'Number and Operation' Domain 9.3.1.2. 'Geometric Figure' Domain9.3.1.3. 'Measuring' Domain; 9.3.1.4. 'Probability and Statistics' Domain; 9.3.1.5. 'Letters and Expressions' Domain; 9.3.1.6. 'Patterns and Functions' Domain; 9.3.2. Elective Period; 9.3.2.1. Practical Mathematics; 9.3.2.2. Mathematics I;

9.3.2.3. Mathematics II; 9.3.2.4. Differentiation and Integration; 9.3.2.5. Probability and Statistics; 9.3.2.6. Discrete Mathematics; References; Chapter 2 Current National Mathematics Curriculum; 1. Mathematics Curriculum Revised in 2007; 1.1. Focus of the Reform; 1.2. Major Changes; 1.2.1. Change in Documents 1.2.2. Change in Content Areas 1.2.3. The Change of Teaching and Learning Methods and Evaluation Sections; 1.2.4. Content Change in Each Grade; 1.2.4.1. Elementary School; 1.2.4.2. 1st Grade Middle School; 1.2.4.3. 2nd Grade Middle School; 1.2.4.4. 3rd Grade Middle School; 1.2.4.5. 1st Grade High School; 2. Mathematics Curriculum Revised in 2009; 2.1. Necessity and Background; 2.2. Basic Directions of Revision; 2.2.1. 20% Reduction of the Content in Mathematics Curriculum; 2.2.2. Mathematics Curriculum that Emphasizes Mathematical Creativity; 2.2.3. Implementation of Grade Band System 2.3. Characteristics of Mathematics Curriculum Revised in 2009 2.3.1. Curriculum Composition; 2.3.2. Change in Content Areas; 2.3.3. Change in Teaching and Learning Methods and Evaluation Sections; 2.4. Achievement Standards and Main Contents; 2.4.1. Achievement Standards; 2.4.2. Main Contents; Bibliography; Chapter 3 Current Elementary Mathematics Textbooks; 1. Introduction; 2. Principles and Directions of Developing Mathematics Textbooks; 2.1. Basic Principles and Overall Directions; 2.2. Selection and Organization of Content; 3. Overview of the Structure of a Unit in the Textbook 3.1. Guiding Principles for Unit Construction

Sommario/riassunto

This book will introduce the history and practices of mathematics education in Korea. How it has been influenced from Japan, America, and other countries, and has developed into the unique Korean style of mathematics education. The editors have planned to include most of the topics researchers outside Korea want to know mathematics education in Korea.
