Record Nr. UNINA9910819945503321 Autore Orton Anthony **Titolo** Insights into teaching mathematics / / Anthony Orton and Leonard Frobisher London;; New York,: Continuum, 2005 Pubbl/distr/stampa 1-281-29449-7 **ISBN** 9786611294496 1-4411-5523-6 1-84714-448-9 Edizione [1st ed.] Descrizione fisica 1 online resource (203 p.) Collana Continuum studies in mathematics education Introduction to education Altri autori (Persone) FrobisherL. J Disciplina 510/.71 Soggetti Mathematics - Study and teaching - Great Britain Lingua di pubblicazione Inglese Materiale a stampa **Formato** Livello bibliografico Monografia Note generali Originally published: London; New York: Cassell, 1996. Nota di bibliografia Includes bibliographical references (p. 180-184) and indexes. Nota di contenuto Contents: Foreword: Preface: 1 The mathematics curriculum: 2 Learning mathematics; 3 Problems and investigations; 4 An investigative approach to learning; 5 Language and mathematics; 6 Representation and symbolism; 7 The topic approach; 8 Learning and teaching number; 9 Learning and teaching elementary algebra; 10 Learning and teaching shape and space; 11 Learning and teaching data handling; 12 Assessing mathematical attainment; Bibliography; Name index; Subject index Sommario/riassunto Providing essential guidance and background information about teaching mathematics, this book is intended particularly for teachers who do not regard themselves as specialists in mathematics. It deals with issues of learning and teaching, including the delivery of content and the place of problems and investigations. Difficulties which pupils encounter in connection with language and symbols form important sections of the overall discussion of how to enhance learning. The

curriculum is considered in brief under the headings of number, algebra, shape and space, and data handling, and special att