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Titolo	Mathematics in the classroom // Committee on How People Learn, A Targeted Report for Teachers ; M. Suzanne Donovan and John D. Bransford, editors
Pubbl/distr/stampa	Washington, D.C., : National Academies Press, c2005
ISBN	9780309548021 0309548020
Edizione	[1st ed.]
Descrizione fisica	1 online resource (272 p.)
Collana	How students learn
Altri autori (Persone)	BransfordJohn DonovanSuzanne
Disciplina	370.1523
Soggetti	Classroom management Curriculum planning Learning Mathematics - Study and teaching (Elementary) Mathematics - Study and teaching (Secondary)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Division of Behavioral and Social Sciences and Education, National Research Council of the National Academies." Includes the introduction and concluding chapter and the subset of chapters focusing on mathematics from How students learn : history, mathematics, and science in the classroom.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	""Front Matter""; ""Preface""; ""Contents""; ""1 Introduction""; ""Part II MATHEMATICS""; ""5 Mathematical Understanding: An Introduction""; ""6 Fostering the Development of Whole-Number Sense: Teaching Mathematics in the Primary Grades""; ""7 Pipes, Tubes, and Beakers: New Approaches to Teaching the Rational-Number System""; ""8 Teaching and Learning Functions""; ""A FINAL SYNTHESIS: REVISITING THE THREE LEARNING PRINCIPLES""; ""13 Pulling Threads""; ""Biographical Sketches of Committee Members and Contributors""; ""Index""
Sommario/riassunto	"How Students Learn: Mathematics in the Classroom" builds on the discoveries detailed in the best-selling "How People Learn." Now these findings are presented in a way that teachers can use immediately, to

revitalize their work in the classroom for even greater effectiveness. This book shows how to overcome the difficulties in teaching math to generate real insight and reasoning in math students. It also features illustrated suggestions for classroom activities.

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