1.	Record Nr.	UNINA9910815648803321
	Autore	Ollerton Mike
	Titolo	Getting the buggers to add up [[electronic resource] /] / Mike Ollerton and Peter Sykes
	Pubbl/distr/stampa	London ; ; New York, : Continuum International Pub. Group, c2012
	ISBN	1-280-57682-0
		9786613606532
		1-4411-1395-9
	Edizione	[3rd ed.]
	Descrizione fisica	1 online resource (268 p.)
	Collana	Getting the Buggers
	Altri autori (Persone)	SykesPeter
	Disciplina	510.71/041
		510.71041
	Soggetti	Mathematics - Study and teaching - Great Britain
		Problem solving
	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 and index.
	Nota di contenuto	Preface; Part 1; Introduction; 1; What is mathematics, why teach it and why learn it?; 2; Strategies for teaching mathematics; Part 2; 3; Mathematical surprises; 4; People-math; 5; Using practical equipment in mathematics classrooms; 6; Mental mathematics; Part 3; 7; Mathematics across the curriculum; 8; Functional mathematics; 9; Mathematics and ICT; 10; Planning a scheme of work on pedagogic foundations; 11; Teaching, learning and assessment; 12; Developing students' thinking skills; 13; Teaching mathematics without a textbook; Part 4; 14; Mathematics and ...; 15
		Doing less of the two more boring parts of teaching16; And finally ... working in all-attainment groups? where 'everything is connected'; Postscript; Bibliography; Index
	Sommario/riassunto	The third edition of this bestselling book for teachers of secondary mathematics has been brought right up to date and benefits from an extra teacher voice. Together, the authors show how active learning and introducing an element of surprise can bring mathematics alive. With a firm focus on problem solving, independent exploration, thinking skills and applying maths to real-life situations, this book contains new ideas, anecdotes and strategies including brand new

chapters on Functional Mathematics, how to make best use of assessment, and teacher and curriculum development. Brimming with usef