

1. Record Nr.	UNINA9910789904303321
Autore	Taylor-Cox Jennifer
Titolo	Math intervention : building number power with formative assessments, differentiation, and games, grades 3-5 // Jennifer Taylor-Cox
Pubbl/distr/stampa	New York : , : Routledge, , 2013
ISBN	1-315-85504-6 1-317-92651-X 1-283-52458-9 9786613837035 1-61442-078-5
Descrizione fisica	1 online resource (194 p.)
Disciplina	372.7
Soggetti	Mathematics - Study and teaching (Elementary) Mathematical readiness Group guidance in education
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	First published 2009 by Eye On Education.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Cover; Title Page; Copyright Page; Acknowledgements; About the Author; Free Downloads; Table of Contents; Introduction; What is Math Intervention?; Focus on Number Sense and Computation; What Makes Math Intervention Successful?; How to Use Formative Assessment; Monitor Progress; Reteach; How to Use this Book; Chapter One: Addition and Subtraction Concepts; Total and Parts; Counting On and Counting Back; Joining Sets; Number Line Proficiency; Take Away Subtraction; Missing Part Subtraction; Comparison Subtraction; Adding and Subtracting Tens; Adding Doubles and Near Doubles Fact Families-Addition and Subtraction Partial Sums; Partial Differences; Near Tens for Addition and Subtraction; Equal Differences; Chapter Two: Multiplication and Division Concepts; Repeated Addition Multiplication; Repeated Subtraction Division; Fair Shares Division; Rectangular Arrays for Multiplication and Division; Multiplying and Dividing by Ten; Perfect Squares and Near Squares; Near Tens for Multiplication; Fact Families-Multiplication and Division; Partial Products; Partial Quotients; Equal Products; Chapter Three: Multifaceted

Number Concepts; Expanded Form; Thousands and Millions  
Commutative and Associative Properties Prime and Composite Numbers;  
Finding Common Multiples; Finding Common Factors; Adding and  
Subtracting Fractions; Rename Fractions as Decimals; Compare and  
Order Fractions and Mixed Numbers; References

---

Sommario/riassunto

Useful for small groups or one-on-one instruction, this book offers successful math interventions and RTI connections. Teachers will learn to target math instruction to struggling students by diagnosing weaknesses; providing specific, differentiated instruction; using formative assessments; offering corrective feedback; and motivating students by using games. Taylor-Cox emphasizes four main goals for math instructors. They must help students achieve: accuracy, efficiency, flexibility, and fluency in solving math problems. Integral to each of these goals is ensuring that students understand m

---