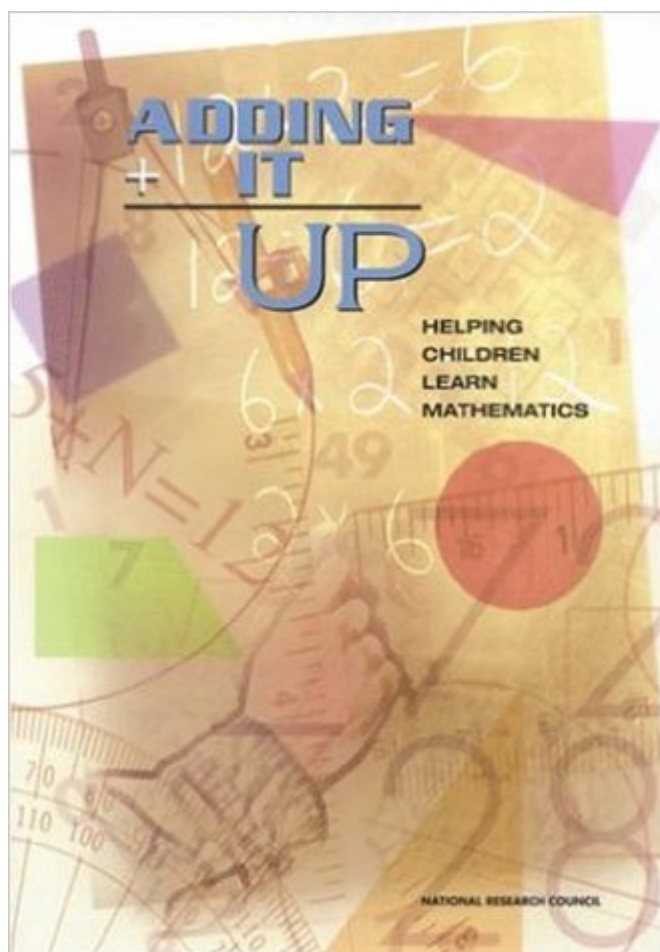


The book was found

Adding It Up: Helping Children Learn Mathematics



Synopsis

Adding It Up explores how students in pre-K through 8th grade learn mathematics and recommends how teaching, curricula, and teacher education should change to improve mathematics learning during these critical years. The committee identifies five interdependent components of mathematical proficiency and describes how students develop this proficiency. With examples and illustrations, the book presents a portrait of mathematics learning: Research findings on what children know about numbers by the time they arrive in pre-K and the implications for mathematics instruction. Details on the processes by which students acquire mathematical proficiency with whole numbers, rational numbers, and integers, as well as beginning algebra, geometry, measurement, and probability and statistics. The committee discusses what is known from research about teaching for mathematics proficiency, focusing on the interactions between teachers and students around educational materials and how teachers develop proficiency in teaching mathematics.

Book Information

Hardcover: 480 pages

Publisher: National Academies Press; 1 edition (November 13, 2001)

Language: English

ISBN-10: 0309069955

ISBN-13: 978-0309069953

Product Dimensions: 10.3 x 7.4 x 1.4 inches

Shipping Weight: 2.6 pounds

Average Customer Review: 4.5 out of 5 starsÂ Â See all reviewsÂ (4 customer reviews)

Best Sellers Rank: #355,779 in Books (See Top 100 in Books) #18 inÂ Books > Science & Math > Mathematics > Research #423 inÂ Books > Education & Teaching > Schools & Teaching > Instruction Methods > Science & Technology #885 inÂ Books > Education & Teaching > Schools & Teaching > Instruction Methods > Mathematics

Customer Reviews

I bought this book used for a good price. The cover is red hardback and doesn't look like what was in the add. However, the book is in excellent condition and reads the same :-)

Great

It's my first time to purchase books from abroad with . I was really amazed by its high efficacy since

I just bought four hardback books on the other side of the world and got them in hand in a professional packing a week after.

This has a great bibliography to a number of books and studies that I am interested in as resources for identifying curriculum options for math.

[Download to continue reading...](#)

Adding It Up: Helping Children Learn Mathematics Helping Out and Staying Safe: The Empowerment Assets (The Adding Assets Series for Kids) Learn German Step by Step: German Language Practical Guide for Beginners (Learn German, Learn Spanish, Learn French, Learn Italian) Healing Parents: Helping Wounded Children Learn to Trust & Love Smart Ways To Spend Your Time: The Constructive Use of Time Assets (The Adding Assets Series for Kids) Writing In InDesign CC 2014 Textbook: Producing Books Adding Fixed Layout ePUBs & much more! Label Embellishments and Special Applications: Exploring the techniques and processes used for adding decorative finishes and functionality to labels Food Fortification: The evidence, ethics, and politics of adding nutrients to food Adding Value to Libraries, Archives, and Museums: Harnessing the Force That Drives Your Organization's Future Python: Learn Python in One Day and Learn It Well. Python for Beginners with Hands-on Project. (Learn Coding Fast with Hands-On Project Book 1) PHP: MySQL in 8 Hours, For Beginners, Learn PHP MySQL Fast! A Smart Way to Learn PHP MySQL, Plain & Simple, Learn PHP MySQL Programming Language in Easy Steps, A Beginner's Guide, Start Coding Today! CSS (with HTML5): Learn CSS in One Day and Learn It Well. CSS for Beginners with Hands-on Project. Includes HTML5. (Learn Coding Fast with Hands-On Project Book 2) PYTHON: Python in 8 Hours, For Beginners, Learn Python Fast! A Smart Way to Learn Python, Plain & Simple, Learn Python Programming Language in Easy Steps, A Beginner's Guide, Start Coding Today! ANGULARJS: AngularJS in 8 Hours, For Beginners, Learn AngularJS Fast! A Smart Way to Learn Angular JS, Learn AngularJS Programming Language in Easy Steps, A Beginner's Guide, Start Coding Today! C#: Learn C# in One Day and Learn It Well. C# for Beginners with Hands-on Project. (Learn Coding Fast with Hands-On Project Book 3) Polish: Learn Polish Bundle 2-1 (Polish: Learn Polish in a Week! & Polish: 95 Most Common Phrases & 1000 Most Common Words): Polish Language for Beginners (Learn Polish, Polish, Polish Learning) C++: C++ in 8 Hours, For Beginners, Learn C++ Fast! A Smart Way to Learn C Plus Plus, Plain & Simple, Learn C++ Programming Language in Easy Steps, A Beginner's Guide, Start Coding Today! Learn JavaScript VISUALLY with Interactive Exercises: The Beautiful New Way to Learn a Programming Language (Learn Visually) Let's Measure It! Learn to Read, Math (Learn to Read, Read to Learn:

Math) Learn: Cognitive Psychology - How to Learn, Any Skill or Subject in 21 Days! (Learn, Learning Disability, Learning Games, Learning Techniques, Learning ... Learning, Cognitive Science, Study)

[Dmca](#)