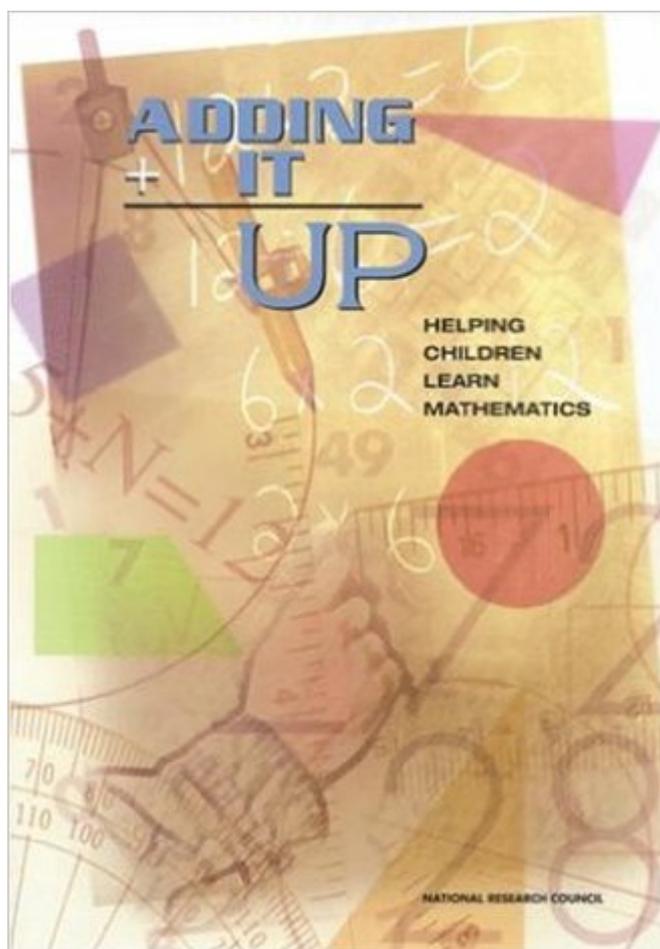# Adding It Up: Helping Children Learn Mathematics

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

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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.

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