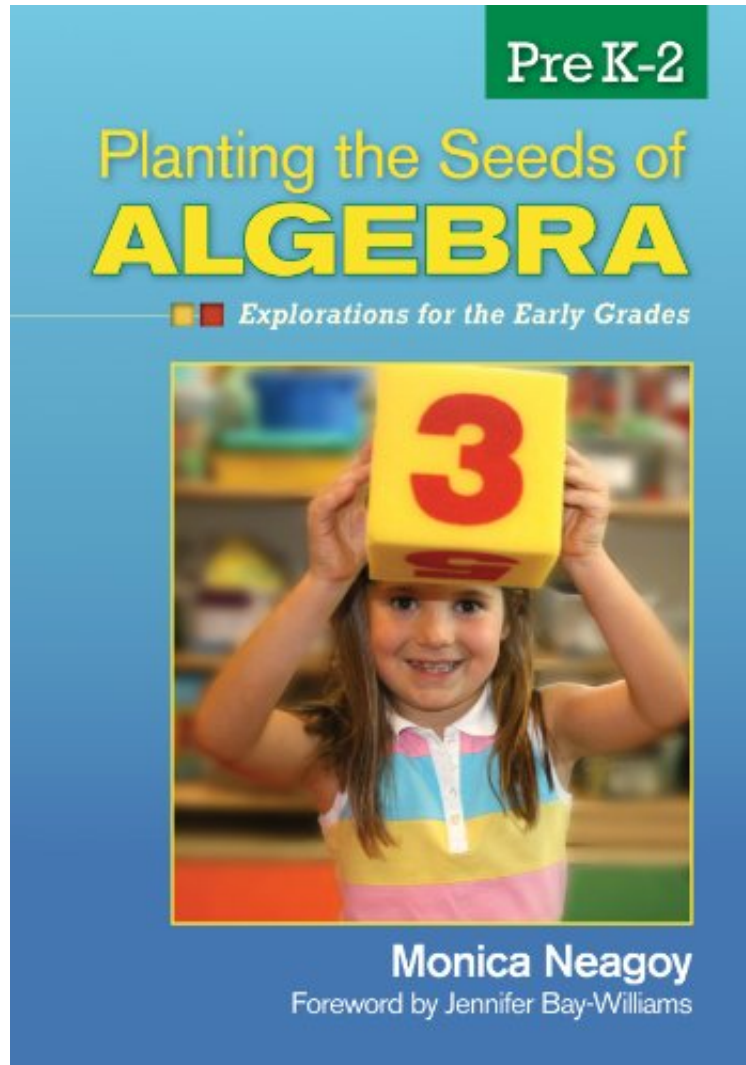


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Monica M. Neagoy

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was young". When I saw that she had published a book I literally leapt to buy it, even if my son is now 11 and this book is addressed to teachers of PreK students. All parents, regardless of their math level, should buy this book and read it from front to back. Even if your children are older, even if you have no children. It will make you think about math and about education in a completely different and revolutionary way. As far as teachers are concerned, it should be mandatory reading. Run to buy this book! 1 of 1 people found the following review helpful. Outstanding Guide for Teachers! By Katherine Finally - a beautifully written math guide designed to support teachers step by step as they support young students! I have read Monica's book from front cover to back cover and it reflects her passion for mathematics, her knowledge of the subject, her deep understanding of teachers and students and her love of learning. This is a must have guide for elementary school teachers and frankly all teachers. My favorite lesson is on page 105!!!

Help young minds explore algebraic concepts This book shows teachers how to create a strong foundation in algebra for very young children. Using in-depth math explorations, the author unpacks step by step the hidden connections to higher algebra. Each exploration contains an elegantly simple grade-banded lesson (on addition, subtraction, patterns, and odd and even numbers), followed by a discussion of the lesson's algebra connections, as well as suggestions for additional problems to explore. Throughout, readers will find: Clear explanations of algebraic connections Specific strategies for teaching the key ideas of algebra Lesson modifications for older or younger students An array of age-appropriate problems and games

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Whether here or abroad, whether speaking English, French, or Spanish, Monica's life-long goal is to infuse people with a fascination for the wonder of mathematics. Dr. Neagoy began her career teaching mathematics at Georgetown University. Later, she was a program director at the National Science Foundation (NSF), where she oversaw national projects. As an independent national mathematics consultant, she has served numerous school districts across the country and notable organizations including the Carnegie Institution of Washington, PBS TeacherLine, MATHCOUNTS, and the American Association for the Advancement of Science. Since 2005, she broadened her mathematics consulting to serve Europe, the Middle East, and Africa, in addition to the United States. Dr. Neagoy has had a parallel career in theatre as actor, choreographer, and stage-director, particularly with the professional LE NEON Theatre in the Washington, D.C. area. Her exposure to many cultures, mastery of several languages, double career in the arts and the sciences, and mindfulness training through yoga practice and teaching provide her with a unique perspective on the learning and teaching of mathematics. Her passions for mathematics and the arts converge in her popular presentation, "The Mathematics of Beauty and the Beauty of Mathematics." Dr. Neagoy combined her love for the arts and the sciences in the creation of innovative mathematics videos series for teachers and students, including Discovering Algebra with Graphing Calculators (Discovery Education), Algebra Inspirations (Media4Math), and Video #7 of Mathematics: What's the Big Idea? titled Algebra: It Begins in Kindergarten (Annenberg Learner).

Monica was educated in the French school system, grades 1ndash;12, in Asia and the United States. She has a BS in mathematics and philosophy from Georgetown University, an MA in pure mathematics from Catholic University, and a PhD in mathematics education from the University of Maryland.