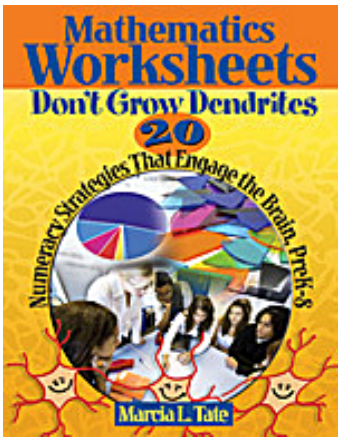

Description:

"The author does a good job of describing the NCTM content standards and providing examples that incorporate recommendations from NCTM and other experts in the field on how best to deepen students' understanding of mathematics."
—Linda Kallam, Professor of Mathematics
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"A very useful resource for new and experienced teachers. The book will also equip administrators with strategies that they can model in staff meetings and with teachers."
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Engage students in effective, meaningful experiences in mathematics!

Students engaged in active learning experiences gain long-term retention of the skills and content they learn. In this user-friendly guide, Marcia L. Tate follows the successful format of her previous bestsellers and offers math teachers 20 powerful, brain-based teaching strategies that translate into meaningful firsthand experiences for all learners.

Mathematics Worksheets Don't Grow Dendrites provides educators with creative ways to incorporate visual, auditory, kinesthetic, and tactile modalities and promote increased academic achievement in mathematics. The author also focuses on the core NCTM focal points for algebra, geometry, numbers and operations, data analysis and probability, problem solving, reasoning and proof, communication, connections, and representation. The chapters offer:

- A what, why, and how for each strategy
- Specific brain-compatible mathematics activities and lessons submitted by real teachers from across the country
- Space for teachers to reflect on and apply individual strategies in their lessons

With a bibliography of math and literature resources and a lesson planning guide, this book can transform classrooms into places where students excel academically and where learning is fun

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20 Numeracy Strategies That Engage the Brain, PreK-8

Marcia L. Tate

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