



# 5 Principles of the Modern Mathematics Classroom: Creating a Culture of Innovative Thinking

*Gerald W. Aungst*

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*Students pursue problems they're curious about, not problems they're told to solve.*

Creating a math classroom filled with confident problem solvers starts with challenges discovered in the real world, not a sequence of prescribed problems.

In this groundbreaking book, Gerald Aungst offers five powerful principles for instilling a culture of learning in your classroom: Conjecture, Collaboration, Communication, Chaos, and Celebration.

Aungst shows how to:

- Embrace collaboration and purposeful chaos to engage students in productive struggle
- Put each chapter's principles into practice using a variety of strategies, activities, and technology tools
- Introduce lasting changes in your classroom through a gradual shift in processes and behaviors



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