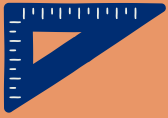




Mathematics and Statistics Awareness Month



Problem Solving

Date: April 7-13, 2025

Podcast *Amplify.*

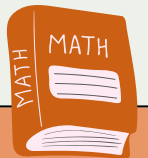


- [The Power of Problem Solving with Fawn Nguyen](#)
- [The Role of Struggle with John SanGiovanni](#)



Purpose:

- Problem-solving is arguably the most crucial aspect of engaging in mathematics. It not only helps students develop critical thinking skills but also fosters a deeper understanding of mathematical concepts. Here are some valuable resources to help students embrace problem-solving and productive struggle.

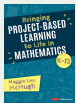


Professional Learning

- [Why We Should Reconsider Using Worksheets \(And What We Should Be Doing Instead\)](#)

OPEN MIDDLE

- [Imagining the Infinite: Math Modeling for the Dreamers of Tomorrow](#)



Video

- [Solving the Math Problem](#)



Classroom Resources:

Elementary:

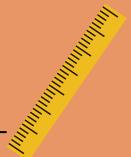
Adding and Subtracting Two-Digit Whole Numbers
[Open Middle Puzzle](#)

Middle School:

Equivalent Expressions
[Open Middle Puzzle](#)

High School:

Adding Polynomials
[Open Middle Puzzle](#)



The Problem Solving Process



- The [lesson](#) starts by having students brainstorm everyday problems they encounter, then introduces the four steps of the problem-solving process and relates them to their real-life experiences.

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