

Speaker:

Name: Susan Milner

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Position: Faculty, Department of Mathematics & Statistics

Title: Finding a way into mathematical thinking via puzzles & games 7-12

Intended Audience: High School

Type of Presentation

Preferred: Long Presentation (60 minutes)

Description:

This is a hands-on workshop, so bring a pencil and eraser, and prepare to have fun!

While on sabbatical last year, I had the joy of sharing mathematical/logical puzzles and games with over 4100 K-12 students and hundreds of teachers.

Workshop participants will try out a selection of the puzzles most enjoyed by the secondary school students and their teachers. The puzzles can be taken directly into the classroom for hands-on differentiated learning.

These puzzles & games are more than fun - they involve deep mathematical thinking. We'll consider the connections to mathematics and also discuss ways to use puzzles to enrich our teaching and encourage our students to think mathematically.