



Mathematical Puzzle Programs

Getting on Top of Things

Example Puzzle

A friend passes you a note with the following strange image.



She's recently been interested in topology, the study of structures that can be morphed from one to another without cutting or tearing, such as the donut and coffee cup shown in the image. Can you decode the number pairs by finding five groups of topologically-equivalent letters? Try writing each group in alphabetical order on the corresponding rows of the grid...



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About MaPP

The mission of Mathematical Puzzle Programs (MaPP) is to organize quality events which get students having fun by learning and using mathematics.

Math

Our mathematical content is pulled from various areas unrepresented in the usual secondary curriculum, such as design theory, game theory, or topology.

Puzzles

We shredded the multiple choice tests, and instead designed several mathematical puzzles which will give your students a taste of real mathematical problem solving, and prepare them for the types of questions asked in many job interviews.

Team-Building

MaPP features a team-based competitions, emphasizing collaboration and communication over individual work, as teamwork is crucial for success in both industry and academia.

FUN!

Many of the challenges can't be solved sitting down - players will find themselves running around their host campus to track down clues and uncover new puzzles to solve.

Programs

High School Challenge

A game for 9th-12th grade students which showcases the fun of mathematics as well as featuring the host campus with a customizable opening puzzle.

Middle School Challenge

A game for 6th-8th grade students perfect for inspiring younger audiences to engage in mathematics.

How to Get Involved

Become a MaPP partner campus!

Contribute a puzzle!

Spread the word!

Visit or volunteer at a competition near you!

Download our free puzzle materials!

Contact

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Twitter: [@MaPPmath](https://twitter.com/MaPPmath)

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