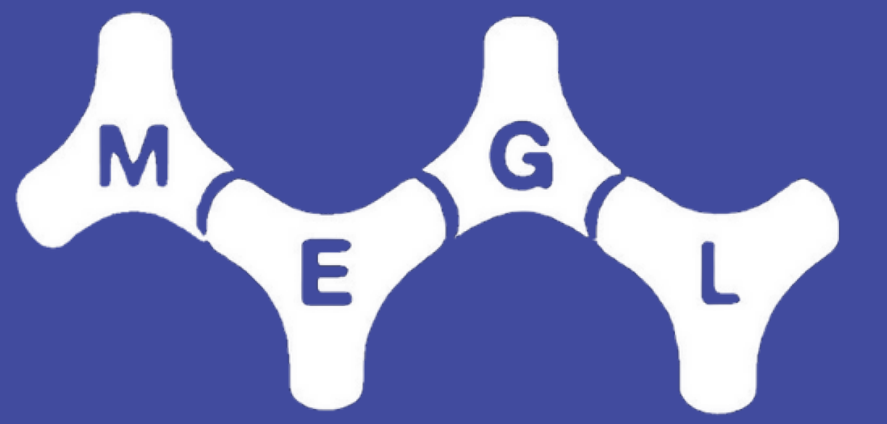


SPRING 2025 OUTREACH TEAM

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About Us

We are a group of students and faculty at George Mason University with a passion for sharing the fun side of mathematics with K-12 students. We offer free mathematics enrichment activities to local schools and other organizations

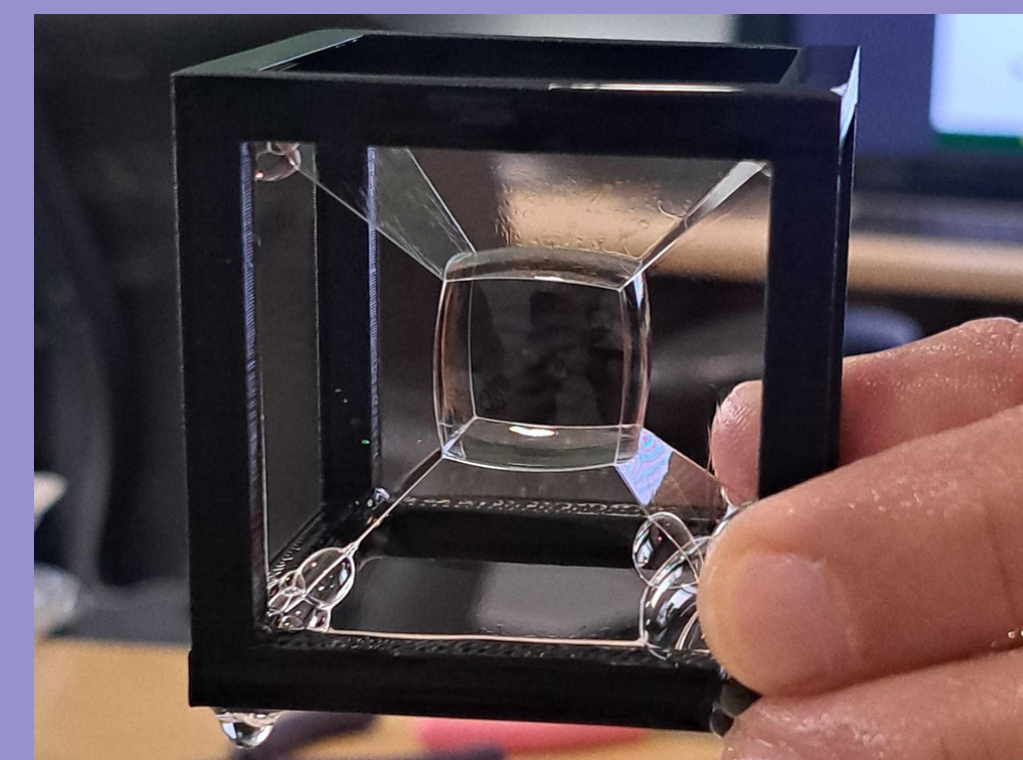
Shapes (K - 3rd)

Play with polygons and tilings



Bubbles (+4th)

Geometric properties of bubbles: Surface tension and minimizing surfaces



Outreach in numbers

- Students reached: 804
- School visited: 11
- Sessions delivered: 42

Future Goals and Activities

- Reach more students and target more high school students
- Create more follow-up lessons
- Create more activities for secondary and high schools
- Run an outreach seminar

Acknowledgement

We want to thank Anton Lukyanenko and Swan Klein for running MEGL, as well as Elaine Jin for her volunteering

Monsters (4th - 6th)

Learn about primes, then encode your prime factorization within a monster



More activities

- **Big numbers (4th - 6th)** Explore various increasing number pattern
- **Irrational Thinking (5th - 8th)** Are all numbers fractions? Explore properties and examples of irrationals
- **Playground of the Infinite (+6th)** Dive into the strange world of the infinite
- **Quantum Computing (+6th)** Gain understanding of how computers work by investigating algorithms
- **Snowflake Symmetry (+6th)** Create paper snowflakes to learn about symmetry multiplication.
- **True Lies in Math (9th - 12th)** Mathematical “facts” are reinterpreted by changing the context in which they appear

Team Picture



Contact

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