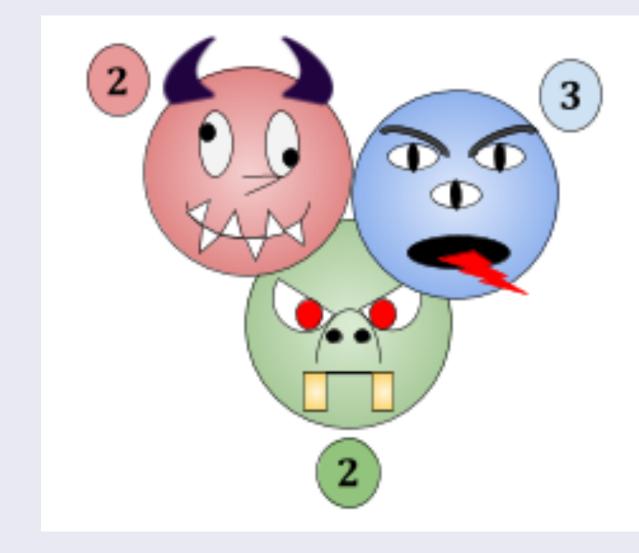
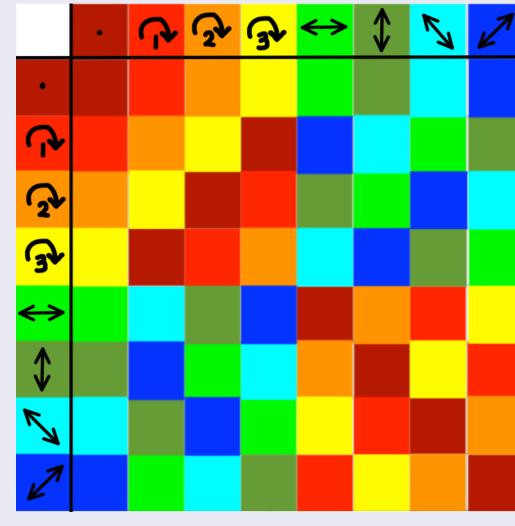
#### Introduction

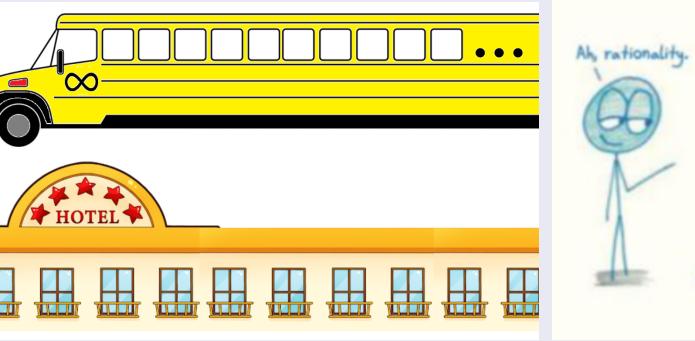
This semester, we continued to fully operate online. We were successfully able Expanded Our Community to overcome the challenges of virtual learning to engage students and get them excited about math. Our main focus this semester was to create a new activity and get in contact with schools.

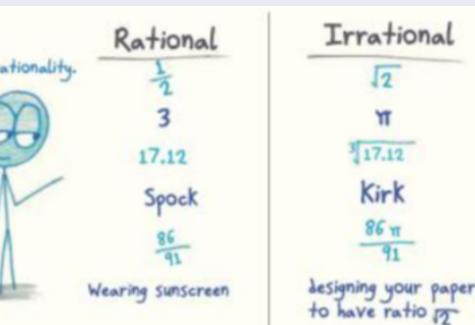
#### Activities

- You Can Count on Monsters Online! • Prime factorization
- Really BIG Numbers Online!
- Linear, polynomial, exponential, and factorial growth
- Your Teachers are Lying to You Online! • Context matters in mathematics
- Playground of the Infinite Online!
- Hilbert's infinite hotel
- Snowflake Symmetry Online! • Group theory
- Hyperbolic Crochet Hyperbolic geometry
- NEW Irrational Thinking Online!
- Irrational numbers







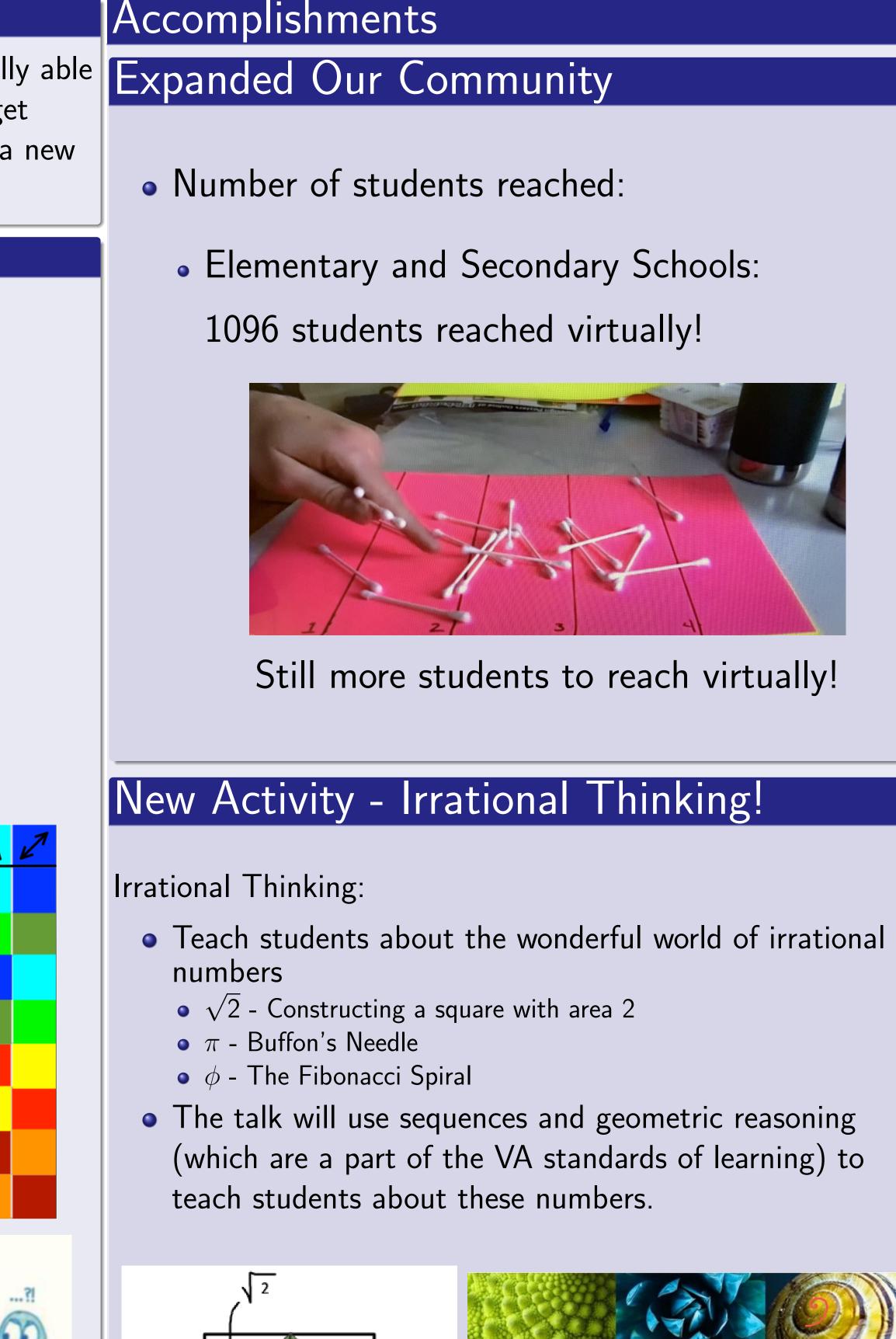


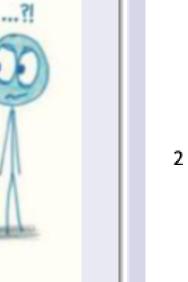
# Spring 2021 Outreach Team

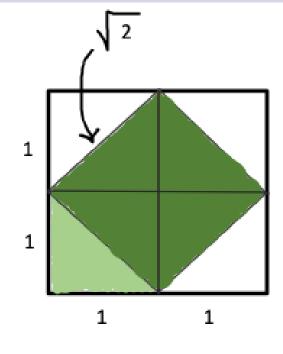
## Dr. Harry Bray, Susan Tarabulsi, Aidan Donahue



April 30, 2021











#### Virtual Learning

Due to online learning, we've adapted a number of our talks to an online format. All five of our regular talks have an online option, as well as our brand new one.

- You Can Count on Monsters
- Really Big Numbers
- Your Teachers are Lying to You
- Playground of the Infinite
- Snowflake Symmetry
- Irrational Thinking

### Virtual Activity Pictures



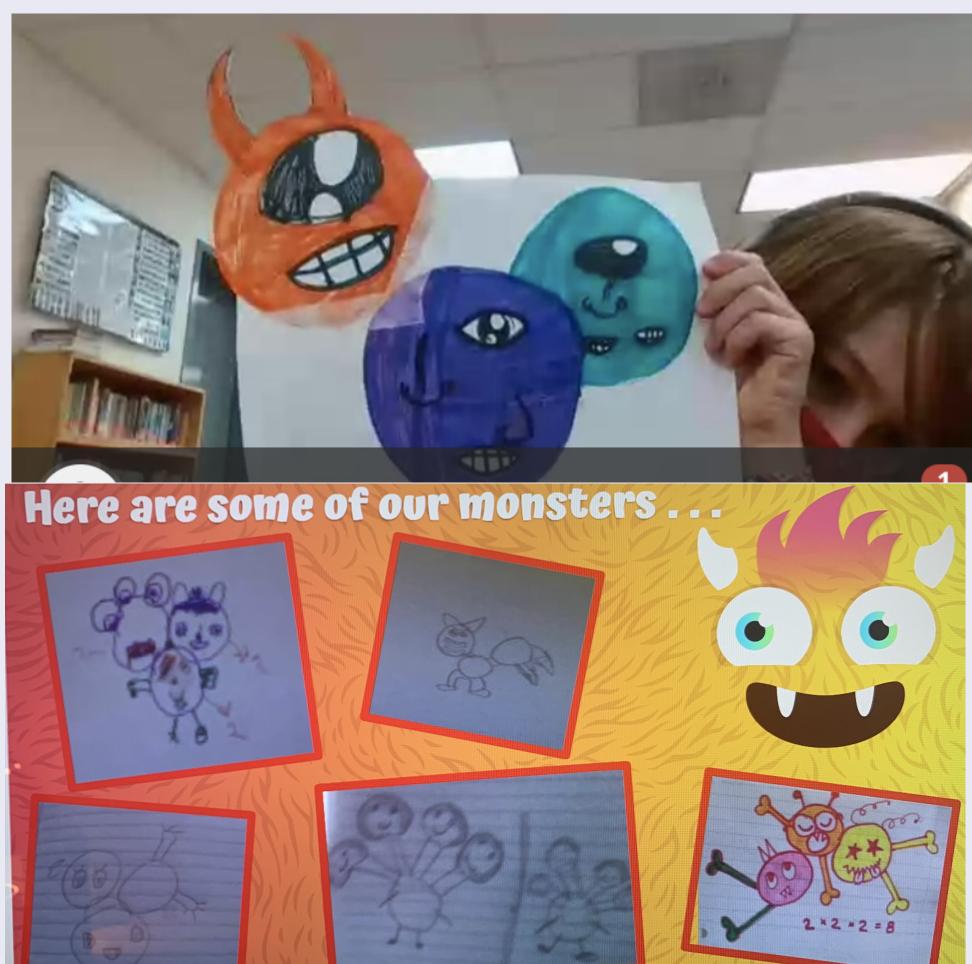


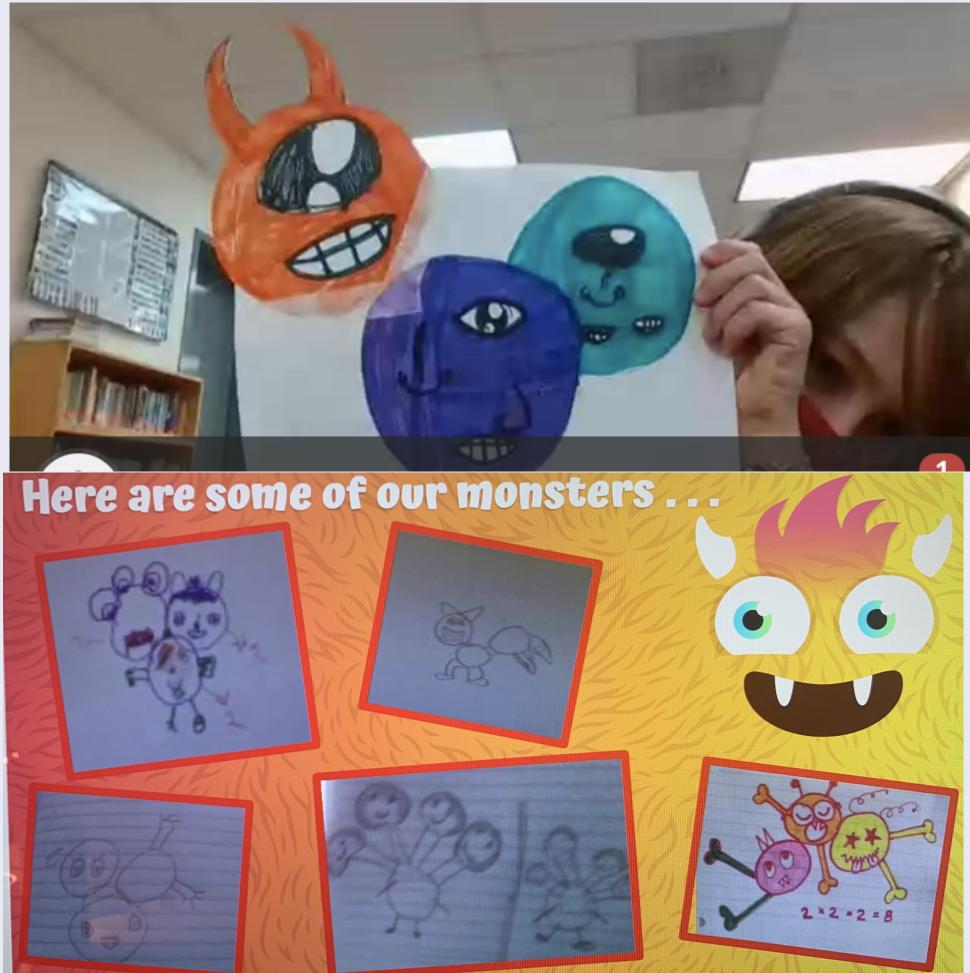
#### Future Goals

- students

- Topology Magic

### More Pictures





Reach more students and target more secondary school

 Continue to refine irrational numbers, adapting to virtual and in-person settings

• Conduct activities for teachers

Create more follow-up lessons

• Find ways to make the booking process more efficient Improve user experience and functionality of the website

#### Potential New Activity Themes

 Mathematical Puzzles • Counter Examples in Mathematics