



# Sunday Summer Math Feasts

Join Street Math Investigations on Governors Island this summer as we delve into all kinds of weird and wonderful mathematics that you definitely never saw in school! We'll be exploring the lifespan of bubbles, the mathematics of knots, and even match wits with one of the greatest magic minds in history. Great for kids from 8 to 80, this is mathematics that will amuse and inform.

## **June 5th** **Knots, Wires & Bands**

Explore the mysterious world of topology, the study of distortion. Learn about how to use mathematics to magically tie a knot in a rope without letting go of the ends, as well as perform daring feats of escape. Build a clever "topological puzzle" and perform magic tricks using only a scissor and a strip of paper.

## **July 10th:** **You Be The Builder**

Explore our collection of "cube puzzles" which range from the very simple to the intensely frustrating. We give you the top, front and side view; you re-create what it would look like in three dimensions using our colorful snap-cubes.

## **August 7:** **Let's Party With Parity**

"Parity" is an important concept in mathematics; learn more about it by turning over wine glasses, playing card games, solving equations and flying helicopters. You don't need a pilot's license to learn about parity!

Entrance to Mü-Math is free, although we do request a \$5 donation. All activities are designed for children 8 years and older, and will be held in Building 11 in Nolan Park from 12 noon to 4 pm. Children under 18 must be accompanied by an adult. For more information, visit our website at [www.smi-ny.com](http://www.smi-ny.com) or email [info@smi-ny.com](mailto:info@smi-ny.com)

## **June 26th** **Best Bubble Juice Ever**

Blowing bubbles is easy peasy; making the best bubble "juice" isn't. We'll be mixing different proportions of three common household ingredients and testing them to determine what's the best recipe. Also: what does bubble blowing have to do with the obituary section of the New York Times?

## **July 24th** **Challenges from Houdini's Grave**

Born in Hungary, raised in Wisconsin, resident of Harlem, buried in Queens, Harry Houdini was well known for his magic acts and escape artistry. Houdini also authored several books on magic and the occult; we'll celebrate his life with some of his best puzzles involving geometry and topology.

## **August 21:** **Steaks, Pancakes & Brownies**

How long will it take to cook 3 steaks in a pan that only holds 2? How can you invert a stack of pancakes in the fewest number of moves? What's the best way for three people to split up a brownie? Today we merge the logistics of cooking with mathematics!

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