

**MONTHLY MATH HOUR AT UW**  
An hour of fun math for middle school students

# Rainbow Math

**Eric Brechner, Ph.D.**

What time of day is best to see a rainbow? Why is a rainbow shaped like an arch? Which color is on top? Are there ever two rainbows at once? Rainbows are uncommonly beautiful. Most people have seen them, especially here in Seattle. Yet, most people don't know a rainbow's secrets. A little optics, some math, and your imagination are all you need to unlock rainbows and reveal things few people know. You'll uncover them all for yourself in this engaging talk that turns Snell's law, water, sunlight, and reflection into a beautiful sight.

**UW Seattle Campus, Savery Hall, Room 260**  
**Sunday, May 13<sup>th</sup>, 1–2pm**

[www.math.washington.edu](http://www.math.washington.edu/~mathcircle/mathhour)  
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