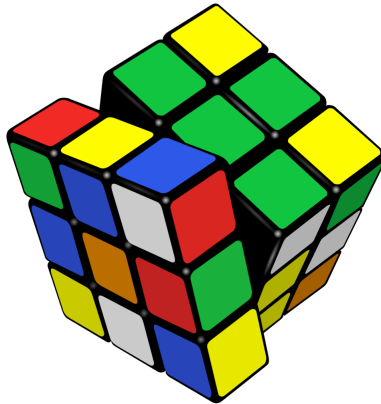


Join us for the first talk of the **Math Club** this semester!
Monday, September 26, 4:35pm, 901 Van Vleck

Prof. Philip Matchett Wood will talk about the
Mathematics of Rubik's cube



In the past 30 years, the Rubik's Cube has been one of the world's best selling toys and most engaging puzzles. This talk will aim to cover some of the mathematics that has been inspired by the Rubik's Cube. There are many mathematical questions one might ask, for example:

- **How many different configurations are there for a Rubik's Cube?**
- **What is the hardest configuration to solve?**
- **What about generalizations of the Rubik's Cube?**

The talk will introduce the idea of a mathematical group along with ideas from algorithms and optimized computing. The main goal will be a hands-on demonstration of how the mathematics of the Rubik's Cube can be applied to something that everyone is interested in: **having fun!**

As always, FREE PIZZA will be served!!