# Cornell Math Explorer's Club
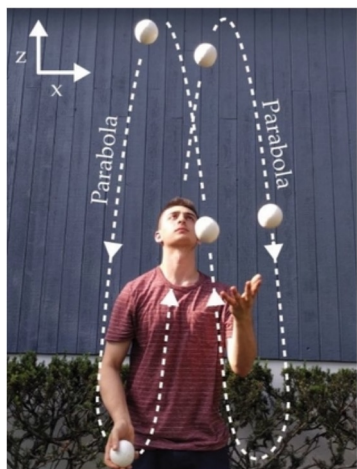
https://math.cornell.edu/k12-enrichment#math-explorer's-club

**for students in grades 8–12**

Topic: The Math of Juggling

How are humans capable of performing juggling patterns that exceed the limits of standard reaction times? Why can four balls not be juggled in a crossing pattern? What kinds of mistakes in a juggling pattern will cause the juggler to drop? Join us at the Math Explorer's Club to study the mathematics and physics of juggling and learn the answers to these questions! This module will also feature interactive juggling demonstrations and tutorials to showcase the mathematical concepts we discuss.



# Time & Location

- Time: Saturdays, Jan. 27 & Feb. 3, 2024, 10am-1pm (with pizza)
- Location: 12 Garden Ave, Ithaca (Malott Hall), 5th-floor lounge (Rm. 532)
- Registration is required, deadline Jan. 20, 2024:
  https://forms.gle/9RtsdoLb1QxoaPDLA
- No cost to participate