



Cornell University

K-12 Education and Outreach, Mathematics Department

Cornell Math Explorer's Club

<https://math.cornell.edu/k12-enrichment#math-explorer's-club>

for students in grades 8-12

Topic: Sampling Strategies

How do scientists estimate the number of fish in a lake without counting each one? Why is a random sample more reliable than asking only your friends? What kinds of sampling mistakes can lead to biased or misleading results? Join us at the Math Explorer's Club to dive into the fascinating world of mathematical sampling and uncover the answers to these questions! We will include hands-on activities and real-world examples and simulations to demonstrate sampling techniques.

Time & Location

- Time: Saturdays, February 1 & 8, 2025, 10am-12pm (with pizza)
- Location: 12 Garden Ave, Ithaca (Malott Hall), Room 406
- Registration is required, **deadline Jan. 25, 2025:**
<https://forms.gle/VHLtP5MDmwMhYgqw7>
- No cost to participate

