

MATH EXPLORER'S CLUB



Cornell University

K-12 Education and Outreach, Mathematics Department

Bridging Colors

An Introduction to Graph Theory

For students in grades 8–12
Saturdays, February 19 & 26, 2022

11 a.m.–1 p.m., held in-person and virtually
No cost to participants

Registration is required

Deadline to register is February 16

https://cornell.ca1.qualtrics.com/jfe/form/SV_8oE6ymlGgEOyL9s

Given a set of bridges in a city, is it possible to cross all of them exactly once? How can we tell without doing significant calculations? And if you are given a map of US states to color, how many colors will you need so neighboring states are different colors?

Come answer these questions and more and discover some of the problems that have created graph theory and kept mathematicians busy for the past three hundred years!

Learn more about Math Explorer's Club at [https://math.cornell.edu/k12-enrichment#math-explorer's-club-\(grades-8-12\)](https://math.cornell.edu/k12-enrichment#math-explorer's-club-(grades-8-12))