

All the Fun Math Your Junior-High Teachers Left Out

Mark Schlawin

Course Information

Wednesdays from 10:00 a.m.–noon for six weeks beginning October 9 through November 13.

IN-PERSON - LECTURE/HANDS-ON - MAX 18

Course Description

Participants will explore puzzles and activities drawn from probability, logic, game theory, geometry, number theory, and operations research. Sources include work by well-known authors as well as original materials developed by the course leader. After brief introductions to the material, participants will work together to discuss and solve problems using pencil and paper, dice, mathematical origami, paper folding and cutting, and democratic math debates. Specific topics may include the Golden Rectangle, Pascal's Triangle, gerrymandering, fractal constructions, Prisoner's Dilemma, and Logicians versus Pirates. All ages, backgrounds, and math skills are welcome. There are no mathematical prerequisites—just a sense of humor, curiosity, and common sense! (Note: all new material for 2024!)

Leader

Mark Schlawin has an M.S. in applied mathematics and an undergraduate degree in physics. His work experiences include stints as an operations research specialist optimizing paper production, as a quantitative analyst on Wall Street, and, most recently, 20 joyful years of teaching Middle School mathematics and science. Mr. Schlawin is also a professional story-teller.