

Mathcamp 2026 Week 5 Schedule

Time	Room	Tuesday	Wednesday	Thursday	Friday
9:10–10:00	JLC 203	Assembly	De Rham Cohomology: Detecting Holes with Differential Forms 🍷🍷🍷 (Laithy)		
	JLC 205		Make Your Own Fractal 🍷🍷 (Ben)		
	CCM 442		Probabilistic Gems 🍷🍷 (<i>Milan Haiman</i>)		
	CCM 233		Quadratic Reciprocity 🍷 (Mark)	Problem Solving 🍷→🍷🍷 (Mark)	
	CCM 444		[SR] You CHOICE 🍷→🍷🍷 (Narmada)	Fourier Analysis but Actually Quantum Computing 🍷→🍷🍷 (Glenn)	
10:10–11:00	CCM 221	Claude writes an MC Class 🍷🍷 (<i>Claude</i> + Della)	Proving Games Hard 🍷 (Della)		
	JLC 205	A “Topological” Proof of the Infinitude of Primes 🍷🍷 (Purple)	How to Teach Fractions 🍷 (Riley)		Can Every Crossing be Untangled? 🍷🍷 (Bowen)
	CCM 442	The Finite Field Kakeya Problem 🍷🍷 (Charloutte)		Sleep (You)	
	JLC 203	A Graph Walks into a Shredder 🍷🍷 (Ce)		Polynomials that Refuse to Vanish 🍷🍷 (Ce)	
	CCM 233	The Magic of Determinants 🍷🍷 (Mark)			The Putnam 🍷 (Mark)
11:10–12:00	JLC 203	De Rham Cohomology 🍷🍷🍷 (Laithy)	Mathematics of Common-Sense Postulates 🍷 (<i>Assaf Bar-Natan</i>)		
	JLC 205	DIY Fractal 🍷🍷 (Ben)	Thinking Inside the Box: Cube Complexes 🍷🍷 (Neelam)		
	CCM 442	Probabilistic Gems 🍷🍷 (<i>Milan Haiman</i>)	Packing Permutation Patterns 🍷🍷🍷 (Misha)		Voting and Chaos 🍷 (Ben)
	CCM 233	Quadratic Reciprocity 🍷 (Mark)	Outro to Linear Algebra 🍷🍷 (Glenn)	Why the Ruler is Useless 🍷 (Svatava)	Solution to the MC25 Open Problem 🍷 (Nikita)
	CCM 444	[SR] You CHOICE 🍷→🍷🍷 (Narmada)	∞ is a Prime 🍷🍷🍷 (August)	Möbius Inversion 🍷🍷 (August + Narmada)	Graphs on Surfaces 🍷 (Tianlin)
12:00–1:00	IDX	[PR] Lunch			
1:05–2:00	Auditorium/Outer Gym	[GR] Surprise! (Auditorium) (Napoleon)	What is Randomness? (Outer Gym) (Bowen)	Symmetric Groups and Outer Automorphisms (Auditorium) (Della)	Nobody Solves the Quintic (Outer Gym) (<i>Dror Bar-Natan</i>)
2:10–3:00	CCM 221	Arithmetic Ramsey Theory 0 🍷🍷 (Bowen)	[FR] Napoleon’s Favourite Maths 🍷 (Napoleon)		Exploring Extreme x in e^x 🍷🍷 (<i>Assaf Bar-Natan</i>)
	CCM 442	Hex and Brouwer 🍷🍷 (Nikita)			
	JLC 203	How to Teach 🍷 (<i>Ari Nieh</i>)			
	CCM 233	Logic Puzzles 🍷 (Misha)			
	JLC 205	[BKR] Lebesgue Ball Knowledge 🍷🍷🍷 (Riley)		The One and Only Cantor Set 🍷🍷 (Maya)	ZFC Axioms 🍷 (Maya)
3:10–4:00	CCM 233	The Condensation of Singularities 🍷🍷🍷 (Ben)			The Mathcamp Final Exam
	JLC 205	The Mathematics of Having Something in Common 🍷🍷 (Ce)			
	CCM 442	More SET Theory 🍷 (Della)	[JR] The Mathematics of Juggling 🍷 (Joy)		
	CCM 444	Problem-Solving: Rapid Fire 🍷 (Misha)	[HR] How Do You Pick a Random Point on a Sphere? 🍷 (Bowen)		
	JLC 202	Truth in Fiction 🍷 (Purple)			
4:00–5:30	EATS	TAU 2: TAU in Binary			Project Fair
5:30–7:00	IDX	Dinner			

Key: [FR]— For Real [GR]—Garlic Required [JR]— Juggling Required [PR]— Planking Required [SR]— Sleep Required

[BKR]— Ball Knowledge Required