

TENTATIVE 2025 SCHEDULE

	AM period 1 9-10.50am	AM period 2 11am-11.50am	Lunch 11.50-1pm	PM period 1 1-2.50pm	PM period 2 3.20-4.30pm
14-Jul	Math circle: Induction, Sets			Lecture: Induction, Sets	Problem Solving
15-Jul	Math circle: Functions and Sequences			Lecture: Functions, Sequences	Problem Solving
16-Jul	Math circle: Logic and relations			Lecture: Relations and Equivalence Relations	Problem Solving
17-Jul	Math circle: Combinations and permutations			Lecture: Enumerative Combinatorics	Faculty member research talk
18-Jul	Math circle: More enumeration strategies			Lecture: More Enumerative Combinatorics	Problem Solving
21-Jul	Review	Midterm Quiz		Lecture: Recurrence relations	Problem Solving
22-Jul	Math circle: Introduction to graphs			Lecture: Intro to graphs	Problem Solving
23-Jul	Math circle: Graph algorithms			Lecture: shortest path algorithm	Problem Solving
24-Jul	Math circle: Graph isomorphisms and linear algebra			Lecture: graph isomorphisms	Faculty Member talk
25-Jul	Math circle: trees			Lecture: trees	"My Journey in Mathematics": Panel of current UCLA math students
28-Jul	Math circle: review			Lecture: Minimal Spanning Trees	Problem Solving
29-Jul	Math circle: Sorting and decision trees			Lecture: Decision Trees and Sorting	Problem Solving
30-Jul	Review			Final Exam	Mathematical Games
31-Jul	Preparing for the Math Fair			Preparing for the Math Fair	
1-Aug	Preparing for the Math Fair			Math Fair: Department members and Institute Participants	Math Fair: Reception for Families