

2011 Mathematical Olympiad Summer Program Schedule

Sun Jun 5	Mon Jun 6	Tue Jun 7	Wed Jun 8	Thu Jun 9	Fri Jun 10	Sat Jun 11
		Students arrive	AH How to write DM How to write RG Combin of nums JN Weights & coloring	AG Cyclic quads ZF Number theory 1 CS Latin geometry RG Russian combin	JN Number theory 1 OG Pigeonhole AG Cyclic quads AP Polynomials	CS Angle chasing JN Sums/products TST 3
		Students arrive	AP Diophantine eq AG Modular arith CS Useful construct OG Geom ineqs	DM $[x]$ & $\lceil x \rceil$ CS Angle chasing ZF Number theory 1 OG Prime div $a^n - 1$	RG Polynomials AG Cyclic quads OG Pigeonhole CS Collinear/concur	JN Inequalities CS Triangles 1 TST 3
		Students arrive	SB, JI Hmwrk rvw PM, TC Hmwrk rvw Rest	AP Pigeonhole AG Polynomials Team selec test 1	MOP Test 0 Team selec test 2	
			Study time	Study time	Study time	

Sun Jun 12	Mon Jun 13	Tue Jun 14	Wed Jun 15	Thu Jun 16	Fri Jun 17	Sat Jun 18
	CS Triangles 1 AP Combin sums TM Inequalities 1 RG Algebraic tricks	CS Triangles 2 OG Invariants RG Algebraic tricks AP Quadratic forms	CJ Enumeration TM Inequalities 2 AG Functional eqns CS Latin geometry	JN Number theory 3 CJ Recurrences ZF Number theory 2 PM Functional eqns	CJ Recurrences TM Geometry 1 JN Completeness AG Cyclic quads	ELMO Mock IMO 1
	CJ Induction TM Inequalities 1 AP Combin sums OG Asymptotic comb	AG Functional eqns RG Counting args OG Invariants ZF Ineq many vars	JN Sums/products AG Functional eqns TM Inequalities 2 ZF Seq/series 1	TM Inequalities 1 ZF Number theory 2 CJ Recurrences JN Integer polyn	ZF Geometry JN Completeness TM Geometry 1 AH Graph theory 2	ELMO Mock IMO 1
Team contest 1 Black free	MOP Test 1	JN Number theory 2 CJ Induction AG Games TM Number theory	MOP Test 2	DM Comb on boards AG Games JN Sums/products AH Graph theory 1	MOP Test 3	
Test review	Study time	Test review	Study time	Test review		

Sun Jun 19	Mon Jun 20	Tue Jun 21	Wed Jun 22	Thu Jun 23	Fri Jun 24	Sat Jun 25
	IL Geometry 1 PS Graph theory 1 MM Biject proofs RL Inequalities	PS Graph theory 1 IL Geometry 1 AM Polynomials ZF Seq/series 2	IL Geometry 2 JN $[x]$ & $[x]$ ZF Number theory 3 AM Stuff mod p^r	PS Graph theory 2 AM Prim rts and exp 1 MM Generating funct JN Games	IL Geometry 3 PS Graph theory 2 PV Smoothing RL Geom transform	
	PV Invariants MM Biject proofs PS Graph theory 1 AM Diophantine eq	PV Smoothing AM Polynomials IL Geometry 1 PS Lin alg combin	MM Games ZF Number theory 3 JN $[x]$ & $[x]$ RL Combin geom	DM Trig geometry MM Generating funct AM Prim rts and exp 1 IL Interpolation	JN Number theory 5 PV Smoothing PS Graph theory 2 MM Generating funct	
Team contest 2	MOP Test 4	MM Biject proofs PV Count in 2 ways RL Combin NT JN Stuff mod p	MOP Test 5	JN Number theory 4 RL Combin NT PV Count in 2 ways PM Biject proofs	MOP Test 6 Mock IMO 2	Team contest 3
Test review	Study time	Test review	Study time	Test review		

Sun Jun 26	Mon Jun 27	Tue Jun 28	Wed Jun 29	Thu Jun 30	Fri Jul 1	Sat Jul 2
	IL Geometry 4 PS Combin of sets PV Sequences RL Combin NT	PV Sequences IL Geometry 2 DK Number theory PS Combin of sets	IL Geometry 5 AM Prim rts and exp 2 RL Combin geom DK Number theory	PS Combin of sets IL Geometry 3 ZF Number theory 4 PV Count in 2 ways	Students depart	
	AM Finite diffs PV Sequences PS Combin of sets DK Algebra 1	AM N.T. constr DK Number theory IL Geometry 2 RL Fvrt trngl cntr	ZF Combinatorics RL Combin geom AM Prim rts and exp 2 IL Geom calculation	PV Count in 2 ways ZF Number theory 4 IL Geometry 3 PS Probab combin	Students depart	
TSTST 1	TSTST 2	RL Combin geom AM Cplx numbers AH Graph theory DK Cplx numbers	TSTST 3	College and beyond	Students depart	
	Study time	Test review		Talent show		