

2015 LSU Math Circle Schedule

Week 1

	Monday 6/8/15	Tuesday 6/9/15	Wednesday 6/10/15	Thursday 6/11/15	Friday 6/12/15
9:00-9:30	Ropes Course (Introductions and Team Building)	Eyad: Numbers/Geometry	Dr. Carmichael: Neural Imaging	Dr. Perlis: Fibonacci Mod n	Eyad: Numbers/Geometry
9:30-10:00		Problem Session			Problem Session
10:00-10:30		Matt: Graph Theory	Eyad: Numbers/Geometry	Matt: Graph Theory	
10:30-11:00		Problem Session			
11:00-11:30		Problem Session			
11:30-12:00	Lunch				
12:00-12:30	Lunch				
12:30-1:00	Lunch				
1:00-1:30	Dr. Wolshon and Scott Parr: Traffic Shockwaves	Michaela: Game Theory	Emily Marshall: Irregularity and Gerrymandering	Paxton: Computational Geometry	Dr. Cochran: Expected Value and Gambling
1:30-2:00	Snacks				
2:00-2:30	Snacks				
2:30-3:00	Snacks				
3:00-3:30	Mathematical Origami	Dr. Dowling: Quantum Cryptography	Paxton: Computational Geometry	Dr. Peck: Math and Music	Mock Casino
3:30-4:00					
4:00-4:30					

Week 2

	Monday 6/15/15	Tuesday 6/16/15	Wednesday 6/17/15	Thursday 6/18/15	Friday 6/19/15
9:00-9:30	Matt: Graph Theory	Trip to the Laser Interferometer Gravitational Wave Observatory (LIGO), Livingston	Eyad: Numbers/Geometry	Paxton: Computational Geometry	Work in groups to solve group problem and prepare solution
9:30-10:00	Problem Session		Problem Session	Problem Session	
10:00-10:30	Eyad: Numbers/Geometry		Matt: Graph Theory	Sierra Activity	
10:30-11:00	Problem Session		Problem Session		
11:00-11:30	Lunch		Lunch		
11:30-12:00					
12:00-12:30					
12:30-1:00					
1:00-1:30	Josh: Nim and Hex		Dr. Oxley: Pascal's Theorem	Jerome Weston: Control Theory	Mini-Presentations
1:30-2:00					
2:00-2:30					
2:30-3:00	Snacks		Snacks		
3:00-3:30					
3:30-4:00	Mathematical Origami	Paxton: Computational Geometry	Dr. Oporowski: Platonic Solids	Dr. Baldridge: Knot Theory	Math Battle
4:00-4:30					

Week 3

	Monday	Tuesday	Wednesday	Thursday	Friday
	6/22/15	6/23/15	6/24/15	6/25/15	6/26/15
9:00-9:30	Eyad:	Trip to the Center for Advanced Microstructures and Devices (CAMD)	LaMSTI Breakfast	Intro to Poster-Making	Eyad:
9:30-10:00	Numbers/Geometry				
10:00-10:30	Problem Session				Problem Session
10:30-11:00	Matt: Graph Theory			Intro to Poster-Making	Matt: Graph Theory
11:00-11:30	Problem Session			Jordyn Activity	Problem Session
11:30-12:00	Lunch		Lunch		
12:00-12:30					
12:30-1:00					
1:00-1:30	Dr. S. Shipman:	Josh: Latin Squares	Dr. P. Shipman:	Dr. Ferreyra:	Mathematica
1:30-2:00	Quantum Graphs		Math and Linguistics	Brachistochrone Problem	Lesson II
2:00-2:30					
2:30-3:00	Snacks				
3:00-3:30	Mathematical	Mathematica	Michaela:	Paxton:	Math Battle:
3:30-4:00	Origami	Lesson I	Game Theory	Computational Geometry	Teachers vs. Students
4:00-4:30					

Week 4

	Monday	Tuesday	Wednesday	Thursday	Friday
	6/29/15	6/30/15	7/1/15	7/2/15	7/3/15
9:00-9:30	Students break into groups to work on projects				Final Project Presentations
9:30-10:00					
10:00-10:30					
10:30-11:00					
11:00-11:30					
11:30-12:00	Lunch				
12:00-12:30					
12:30-1:00	Progress Checks			Practice Presentations	Games, Puzzles, and Fun
1:00-1:30					
1:30-2:00	Snacks			Snacks	Pizza Party and Conclusion
2:00-2:30					
2:30-3:00	Students break into groups to work on projects			Last minute corrections to projects	
3:00-3:30					
3:30-4:00					
4:00-4:30					