

GirlsGetMath

Sample Schedule

	Monday	Tuesday	Wednesday	Thursday	Friday
	<i>Fractals, Matrices and Matlab</i>	<i>Cryptography</i>	<i>Image Processing</i>	<i>Graph Theory</i>	<i>Data Science</i>
Time					
9:00 – 10:00	Introductions and “Lockbox” puzzle activity	The game SET	Thomas Jefferson’s wheel cipher	The utility problem	Fold-and-one-cut
10:00 – 10:10		Break	Break	Break	Break
10:10 – 11:00	Fractals Presentation 1	Cryptography Presentation 1	Image Processing Presentation 1	Graph Theory Presentation 1	Data Science Presentation 1 and fill out surveys
11:00 – 11:10	Break	Break	Tour of College or University and lunch on campus	Break	Break
11:10 – 12:00	Fractals Presentation 2 and/or Fractal cuts activity	Cryptography Presentation 2		Graph Theory Presentation 2	Data Science Presentation 2
12:00 – 1:00	Lunch	Lunch		Lunch	Lunch
1:00 – 1:50	Introduction to Vectors and Matrices	Cryptography Presentation 3	Image Processing Presentation 2	Graph Theory Presentation 3	Data Science Presentation 3
1:50 – 2:00	Break	Break	Break	Break	Break
2:00 – 2:45	Introduction to Matlab, Part I	Cryptography Lab 1	Image Processing Lab 1	Graph Theory Lab 1	Data Science Lab 1
2:45 – 3:30	Introduction to Vectors and Matrices Lab	Cryptography Lab 2	Image Processing Lab 2	Graph Theory Lab 2	Data Science Lab 2
3:30 – 4:30					Closing Ceremony