





MATH ANALYSIS 2023 – 2024

**UNIT 5 – Chapter 9: Topics in Analytic Geometry
& Chapter 6: (6.5/6.6 ONLY) Additional Topics in Trig.**

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
March 11 9.1 Conic Sections: Circles & Parabolas & 9.2 Conic Sections: Ellipses HW 9.1 (Pg. 653) #5, 9, 15, 27, 47, 51, 61, 65, 79, 91, 99 HW 9.2 (Pg. 663) #11, 22, 33, 35, 41, 47, 55, 70	Mar 12 9.3 Conics: Hyperbolas & Classifying Conics HW 9.3 (Pg. 675) #13, 23, 26, 27, 31, 35, 41, 56, 57, 59, 61	Mar 13 9.3 Conics: Hyperbolas & Classifying Conics HW 9.3 (Pg. 675) #13, 23, 26, 27, 31, 35, 41, 56, 57, 59, 61	π SAT-Day π – day activity; & review conics; & Stoplight Reflection	Mar 15
Mar 18 Quiz on 9.1–9.3	Mar 19 9.4 Parametric Equations HW 9.4 (Pg. 684) #15, 23, 25, 41, 43, 47, 49, 63	Mar 20	Mar 21 6.5 The Complex Plane & 6.6 Trigonometric Form of a Complex Number HW 6.5 (Pg. 449) #15, 18, 19; & HW 6.5 (Pg. 459) #7, 11, 13, 27, 31, 35, 47, 48, 53, 57, 59, 69, 77, 81, 89	Mar 22
Mar 25 9.5 Polar Coordinates HW 9.5 (Pg. 691) #9, 11, 17, 19, 21, 27, 29, 31, 39, 44, 51, 55, 57, 61, 67, 69; & Stoplight Reflection	Mar 26	Mar 27 Quiz on 6.5/6.6 & 9.4–9.5 ----- 9.6 Graphs of Polar Equations HW 9.6 (Pg. 699) #7, 9, 10, 15, 18, 21, 27, 31, 33, 35	Mar 28 Quiz on 6.5/6.6 & 9.4–9.5 ----- 9.6 Graphs of Polar Equations HW 9.6 (Pg. 699) #7, 9, 10, 15, 18, 21, 27, 31, 33, 35	Mar 29 No School
April 1 	Apr 2 	Apr 3 Spring Break	Apr 4 	Apr 5 
Apr 8 9.7 Polar Equations of Conic Sections HW 9.7 (Pg. 705) #5, 7, 13, 15, 21, 37, 39, 49, 52, 55; & Stoplight Reflect. <i>Unit Review</i>	Apr 9 <i>Unit Review</i>	Apr 10 <i>Unit Review</i>	Apr 11 Unit 5 Test & Notebook Check	Apr 12