

MATH ANALYSIS 2023 – 2024

**UNIT 1 – Chapter 1: Functions and Their Graphs
& Chapter 2: Polynomial and Rational Functions**

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
July 31	August 1	Aug 2 NO SCHOOL Teachers Inservice	Aug 3 1st Day of School Intro & Class Norms HW: Sticker Story & GS	Aug 4 Mini “Lessons”
August 7 R.O.A.R. Lesson & Sticker Stories	Aug 8 Introduce & work on Who Are My People? (Due: Wednesday Night.)	Aug 9 Safety Day Work on W.A.M.P? HW: GS Signatures	Aug 10 Presentations: “Who are my People?” HW: Materials & 2.1 Vocab. Definitions	Aug 11
Aug 14 1.1 Lines in the Plane HW 1.1: (Pg. 11) #7, 15, 23, 25, 33, 39, 43, 47, 48, 71	Aug 15 1.2 Functions HW 1.2: (Pg. 24) #7, 11, 13, 25, 33, 41, 47, 49, 51	Aug 16	Aug 17 1.3 Graphs of Functions HW 1.3: (Pg. 37) #10, 13, 25, 30, 43, 45, 61; & Stoplight Reflection	Aug 18
Aug 21 Quiz on 1.1–1.3	Aug 22 Power Outage ►	Aug 23	Aug 24 1.4 Shifting, Reflecting, & Stretching Graphs HW 1.4: (Pg. 47) #9, 15, 21, 23, 31, 33, 35, 43, 47	Aug 25
Aug 28 1.5 Combinations of Functions HW 1.5: (Pg. 56) #13, 19, 25, 41, 42, 45, 57	Aug 29 1.6 Inverse Functions & 1.7 Linear Models and Scatter Plots HW1.6: (Pg. 67) #21, 31, 47, 73, 79 HW 1.7: (Pg. 76) #5, 7, 11, 13, 17, 20; & Stoplight Reflection	Aug 30	Aug 31 Quiz on 1.4–1.7 & Ch. 1 Notebook Check	September 1
Sept 4 NO SCHOOL Labor Day	Sept 5 2.1 Quadratic Functions HW. 2.1: (Pg. 96) #11, 15, 29, 35, 49, 67, 68, 88	Sept 6	Sept 7 <i>BTSN</i> Sept 8 2.2 Polynomial Functions of Higher Degree HW 2.2: (Pg. 109) #9-17odd, 26, 27, 29, 31, 37, 59, 61, 67, 85, 87, 107	
Sept 11 2.3 Real Zeros of Polynomial Functions HW 2.3: (Pg. 124) #11, 15, 17, 21, 23, 37, 43, 47, 54, 61; & Stoplight	Sept 12 Quiz on 2.1–2.3	Sept 13	Sept 14 2.4 Complex Numbers HW 2.4: (Pg. 133) #11, 25, 33, 43, 55, 59, 61, 69, 81, 83, 95	Sept 15
Sept 18 2.5 The Fundamental Theorem of Algebra HW: (Pg. 140) #12, 15, 37, 39, 49, 53, 57, 63	Sept 19 2.6 Rational Functions & Asymptotes HW: (Pg. 147) #5, 11-17 odd, 23, 25, 29, 65	Sept 20	Sept 21 2.7 Graphs of Rational Functions HW: (Pg. 157) #6, 17, 21, 27, 29, 33, 49, 63, 67, 85; & Stoplight Refl.	Sept 22
Sept 25 <i>Unit Review</i>	Sept 26 <i>Unit Review</i>	Sept 27	Sept 28 Unit 1 Test & Ch. 2 Notebook Check	Sept 29
October 2 Fall Break	Oct 3 Fall Break	Oct 4 Fall Break	Oct 5 Fall Break	Oct 6 Fall Break

NOTE: Calendar is subject to change, though unlikely to. HW on the calendar is for that night and DUE the next time we meet.
(**Ex.** HW 1.1 & 1.2 are due on the day we meet for doing 1.3)