

Unit 2: Exponential & Logarithmic Functions

Day 1 Th 2/13	Inverses	Compositions & Inverses of functions WS #1-14 Graph all 4 functions in #1 and their inverses on a separate sheet of graph paper!
Day 2 Fri 2/14	10.2 Exponential Functions <ul style="list-style-type: none"> Solving exponential equations – Use MVP book p.18 #1-6 and notes Applications of exponential equations (Simple Interest, Compound Interest, compounding continuously) 	MVP book p.74 Go #15-23 Applications WS #1-10
Day 3 Wed 2/19	Exponential applications with compound interest Graphing Exponential Equations	Graphing Exponential Equations #1-4/Solving exponential equations #1-14
Day 4 Thurs 2/20	Practice: Solving Exponential Equations Graphing Exponential Functions Compound Interest	MVP book p.11 #1-9 (solving pract) p.62 (apps)
Day 5 Fri 2/21	<u>QUIZ – Days 1-4</u> 10.4 Logarithmic Functions <ul style="list-style-type: none"> What is a logarithm? Exp form -> Log form Log form -> Exp form Evaluating Logs Solving simple log equations 	p.462 #19-29 (all) p.470 #1-27 (o)
Day 6 Mon 2/24	Finding the equation of the inverse with Logs & Exponentials	MVP book SET p.26 #7-21 (basic log properties) MVP p.51 #15-22
Day 7 Tues 2/25	Graphing Logarithms	Graphing Log Functions + More Solving Exponential Equations
Day 8 Wed 2/26	10.5 Laws of Logarithms (More Solving equations)	Logarithms WS #1-20/Solving Log Equations #1-8
Day 9 Thurs 2/27	<u>QUIZ – Days 5-7</u> 10.8 Natural Logarithm Function	p.490 #1-41 odd, 44 and 45
Day 10 Fri 2/28	10.7 Problem Solving: Exponential Growth/Decay 10.6 Applications of Logarithms (Change of Base)	MVP p.49 #6a-6d MVP book p.63-64 #9-16 Finish applications
Day 11 Mon 3/2	Review Need applications review from MVP	Finish Review Sheets Study!! 😊
Day 12 Tues 3/3	<u>TEST</u>	Quadratics Review from Math 2 WS