

Integrated 3B (Regular) - revised 8/18

Approx. # of Days	section in book	Chapter 5 - Exponential and Logarithmic Functions	Homework	Standards		
2-3	5.2	Logarithms and Logarithmic Functions	Assigned by individual teachers	MA.A2.EL.2/5	MA.A2.F.3/4	
1	5.1	The Natural Base e		MA.A2.EL.2		
		Quiz 5a - logarithms & e				
2-3	5.3	Transformations of Exponential and Logarithmic Functions		MA.A2.EL.2	MA.A2.F.5	
		Quiz 5b - graphs and transformations				
2-4	5.4	Properties of Logarithms		MA.A2.EL.2/6		
		Quiz 5c - properties of logs				
3-5	5.5	Solving Exponential and Logarithmic Equations		MA.A2.EL.6/7		
		Quiz 5d - solving exponential and log functions				
1-2	5.6	Modeling with Exponential and Logarithmic Functions		MA.A2.EL.7		
2		Review / Test				
Total Days	13-20					
Approx. # of Days	section in book	Chapter 6 Rational Functions	Homework	Standards		
1-2	6.1	Inverse Variation	Assigned by individual teachers	MA.A2.PR.3		
3-4	6.2	Graphing Rational Functions (ADD Functions w/ Quadratics)		MA.A2.CNE.4	MA.A2.F.5	
		Quiz 6a - variation and graphing rational functions				
2-3	6.3	Multiplying and Dividing Rational Expressions		MA.A2.CNE.3/4	MA.A1.RNE.5/7?	
		Quiz 6b - multiplying & dividing				
3-5	6.4	Adding and Subtracting Rational Expressions		MA.A2.CNE.3/4	MA.A1.RNE.5/7?	
		Quiz 6c - adding and subtracting				
3-4	6.5	Solving Rational Equations		MA.A2.PR.3		
		Quiz 6d - solving				
2		Review / Test				
Total Days	14-20					
Approx. # of Days	section in book	Chapter 7 - Sequences and Series	Homework	Standards		
1-2	7.1	Defining and Using Sequences and Series	Assigned by individual teachers	MA.A2.CNE.6		
2-3	7.2	Analyzing Arithmetic Sequences and Series		MA.A2.CNE.6	MA.A2.EL.1	
		Quiz 7a - arithmetic sequences & series				
2-3	7.3	Analyzing Geometric Sequences and Series		MA.A2.CNE.6	MA.A2.EL.1	
		Quiz 7b - geometric sequences & series				
1-3	7.4	Finding Sums of Infinite Geometric Series				
		Quiz 7c - sums of inf. Geometric series				
1-3	7.5	Using Recursive Rules with Sequences				
2		Review / Test				
Total Days	9-16					
Approx. # of Days	section in book	Chapter 8 & 9 - Trigonometric Functions and Ratios	Homework	Standards		
1-2	8.1	Right Triangle Trigonometry	Assigned by individual teachers	MA.G.T.9		
1-2	8.2	Angles and Radian Measure, arc length, area of sector		NA		
1-2	8.3	Trigonometric Functions of Any Angle				
		Quiz 8a - trig				
1-2	9.3	Law of Sines (No AAS)				
1-2	9.4	Law of Cosines				
		Quiz 8b - Laws of sines and cosines				
2		Review/Test				
Total Days	7-12					
2		Final Exam Review				
2		Final Exams				
Trimester Total	43-68					