

Integrated 3A Curriculum / Pacing Guide - revised 8/2018

Approx. # of Days	section in book	Parent Functions and Transformations	Homework	Standards
2	Supp.	Write a Linear Function		MA.A1.L.4
		Determine & Interpret Slope, Write equation in all forms from points, graph & table	Worksheet 2.1 & 2.2	MA.A1.L.4
2		Word Problems	Worksheet 2.3	MA.A2.DSP.2
		Quiz 2a - lines and solve systems		
3-4	Supp.	Solve Systems		
		2-variable	Worksheet 2.4	MA.A1.SEI.1
		3-variable	Worksheet 2.5	MA.A2.SE.3
		Quiz 2b - solve systems		
3-4	Supp.	Parent Functions		MA.A2.F.5
		Constant, Linear, Absolute Value, Quadratic, Cubic, Square Root, Cube Root		MA.A2.F.5
		Transformations (a, h & k)	Worksheet 2.6	MA.A2.F.5, PR.2, Q.1
		Vertical Stretch/Compress, Vertical Translation, Horizontal Translation, Reflection in x-axis	Worksheet 2.7	MA.A2.F.5, PR.2, Q.1
		Quiz 2c - Parent Func & Transformations		
2		Review/Test		
Total Days	12-14			
7-11	supp.	Quadratics		
		Characteristics	Worksheet 2.10	MA.A2.PR.2, Q.1, Q.2
		Vertex, Standard, & Intercept Form	Worksheet 2.11	MA.A2.PR.2, Q.1, Q.2
		Quiz 2d - graph & analyze quadratic functions		
		Factor	Worksheet 2.12	MA.A1.RNE.6
		Quiz 2e - factor		
		Write Function from points, table, & graph	Worksheet 2.13	MA.A2.DSP.2, Q.1
		Transition between different forms of quadratic		
2		Review/Test		
Total Days	9-13			
Approx. # of Days	section in book	Chapter 3 - Polynomial Functions	Homework	Standards
2-3	3.2	Add, Subtracting, and Multiplying Polynomials		MA.A1.RNE.7
		Pascal's Triangle, Binomial Expansion & Theorem		
		Quiz 3a - subtracting, multiplying, pascal & bin. Exp.		
2-3	3.3	Dividing Polynomials		MA.A2.CNE.5
		Quiz 3b - dividing		
2	3.1	definition and end behavior		
3-5	3.4	Factoring Polynomials		MA.A1.RNE.6
		Quiz 3c - end behavior & factoring	Assigned by individual teachers	
1-2	3.5	Solving Polynomial Equations		MA.A2.PR.1
2-3	3.6	The Fundamental Theorem of Algebra		MA.A2.PR.1
		Quiz 3d - solving and fundamental theorem		
1	3.9	Modeling with Polynomial Functions (factored form)		NA
2		Review / Test		
Total Days	15-21			
Approx. # of Days	section in book	Chapter 4 - Rational Exponents and Radical Functions	Homework	Standards
1-2	4.1	n th Roots of Rational Exponents		MA.A2.CNE.2
2-3	4.2	Properties of Rational Exponents and Radicals		MA.A2.CNE.2
		Quiz 4a - nth roots, rational exp. & radicals		
1-2	4.3	Graphing Radical Functions		MA.A2.F.5
		Quiz 4b - graphing radical functions		
2-3	4.4	Solving Radical Equations and Inequalities		MA.A2.PR.3
		Quiz 4c - solving radical eq. & ineq.	Assigned by individual teachers	
1	4.5	Performing Function Operations		NA
1	AdTp	Composition of Functions		MA.A2.F.2
2-3	4.6	Inverse of a Function		MA.A2.F.3/4
		Quiz 4d - function operations, composition, inverse		
2		Review / Test		
Total Days	12-17			
2		Final Exam Review		
2		Final Exams		
Trimester Total	57-65			