

KPBSD 2014-2015 Algebra 2/Advanced Algebra Mathematics Sequence (May, 2014)

Quarter 1			Quarter 2	
Review	Chapter 2	Chapter 3	Chapter 4	Chapter 5
1 Week max.	Weeks	Weeks	Weeks	Weeks
Equation Solving Systems equations Linear Equations	Quadratic Functions	Polynomial Functions	Exponential and Logarithmic Functions	Rational and Radical Functions
S.ID.8	F.BF.3	F.IF.7c	F.IF.4	A.APR.1
S.ID.9	A.CED.1	A.APR.2	F.IF.7e	A.APR.7
	A.CED.2	A.APR.6	F.IF.8b	F.IF.5
	N.CN.1	A.CED.3	F.IF.9	F.IF.7b
	N.CN.2	N.CN.9	F.BF.3	A.CED.1
		A.APR.3	F.BF.4	A.CED.2
	A.REI.4	F.IF.4	F.BF.5	A.REI.2
	G.GPE.2		A.CED.2	A.REI.11
	A.APR.4		A.CED.3	
	N.CN.7		F.LE.3	
	F.IF.7a		F.LE.4	
F.IF.8a	F.LE.5			
F.IF.9				
Omit Chapter 1 Review Calculator Introduction: S.ID.8; S.ID.9 Lesson 1-4 "Attach Activity here"				
Standards of Mathematical Practice				
1. Make sense of problems and persevere in solving them 2. Reason abstractly and quantitatively 3. Construct viable arguments and critique the reasoning of others 4. Model with Mathematics			5. Use appropriate tools strategically 6. Attend to precision 7. Look for and make use of structure 8. Look for and express regularity in repeated reasoning	

***** Unless noted, Labs are optional*****

Quarter 3		Quarter 4				
Chapter 6 Lessons 6-3 thru 6-7	Chapter 7	Chapter 8	Chapter 9	Chapter 10 Chapter 11		
Properties and Attributes of Functions	Probability	Data Analysis and Statistics	Sequences and Series	Trigonometric Functions	Trig Graphs and Identities	
A.CED.2	S.CP.1	S.ID.2	F.IF.3	F.TF.1	F.IF.7e	
	S.CP.2	S.ID.3	F.LE.1			
	S.CP.3		F.LE.2			
	S.CP.4		A.SSE.4			
A.APR.7	S.CP.5	S.IC.1	F.BF.1a	F.TF.2	F.TF.5	
F.IF.5	S.CP.6	S.IC.3	F.BF.2	F.TF.8		
	S.CP.7	S.IC.4				
F.IF.7	S.CP.8	S.IC.5				
A.REI.7	S.CP.9	S.IC.6				
F.BF.1b and c	S.ID.5	S.ID.4				
F.BF.3	S.MD.7	S.MD.5				
F.BF.4a and b	S.IC.2	A.APR.5				
Notes: Omit lesson 6-1 and 6-2; Refer to Chapter 1, Lesson 1-1 and 1-2 for lesson 6-4		Notes: Allow extra time for lessons 8-1, 8-6, and 8-7			Notes: If time allows, teach lessons 10-1 thru 10-4 and 11-1, 11-2. Omit Chapter 12	
<ol style="list-style-type: none"> 1. Use appropriate tools strategically 2. Attend to precision 3. Look for and make use of structure 4. Look for and express regularity in repeated reasoning 				<ol style="list-style-type: none"> 5. Use appropriate tools strategically 6. Attend to precision 7. Look for and make use of structure 8. Look for and express regularity in repeated reasoning 		

