

Date		Section	Objective (Be able to...)	Core
8/20	A	Welcome Day	Welcome Day	
8/21	B			
8/22	A	Secondary I Review Day 1	Rounding, fractions: add, subtract, multiply, divide, exact vs. Approx	7.NS.2
8/23	B			
8/26	A	Secondary I Review Day 2	Graphing lines and features of lines (x-int, y-int, slope), Solving systems of linear	A.REI.6, 10
8/27	B			
8/28	A	Secondary I Review Day 3	Order of Operations, distribute and undistribute, prime factorization, (use	8.EE.7, A.SSE.3a
8/29	B			
8/30	A	Secondary I Review Test and Number Systems and Lines Day 1	Mini Test on Sec I Review, Number systems, Rational vs. Irrational	
9/3	B			
9/4	A	Number Systems and Lines Unit Day 2	Radicals (simplify and classify), going backwards, adding and subtracting, order of	N.RN.2
9/5	B			
9/6	A	Number Systems and Lines Unit Day 3	Parallel Lines cut by a transversal and all angle relationships (Informal Proofs)	G.CO.9
9/9	B			
9/10	A	Number Systems and Lines Unit Day 4	Segment ratios and derive midpoint equation QUIZ	G.GPE.6
9/11	B			
9/12	A	Number Systems and Lines Unit Day 5	Segment ratios and derive midpoint equation	G.GPE.6
9/13	B			
9/16	A	Number Systems and Lines Unit Day 6	distance formula, give shapes on a plane how do you know what type of	G.CO.9, 11
9/17	B			
9/18	A	Number Systems and Lines Unit Day 7	Given points, classify the quadrilateral and how do you know	G.CO.9, 11
9/19	B			
9/20	A	Number Systems and Lines Unit Review	Review Day	
9/23	B			
9/24	A	Number Systems and Lines Unit Test	Test	
9/25	B			
9/26	A	Trig Unit Day 1	Introduce sine, cosine, tangent; find sides and angles	G.SRT.6
9/27	B			
9/30	A	Trig Unit Day 2	Solve Triangles, Word Problems	G.SRT.8
10/1	B			
10/2	A	PLAN TEST	PLAN TEST	
10/3	B	Extra Day	B-day has extra day	
10/4	A	Trig Unit Day 3	Pythagorean Identity, pythagorean thm to prove identity, tangent identity	F.TF.8
10/7	B			
10/8	A	Trig Unit Test	Test Day	
10/9	B			

10/10	A	Triangles Unit Day 1	All Angles add to 180, Properties of Isosceles and Equilateral (algebra within)	G.CO.10
10/11	B			
10/14	A	Triangles Unit Day 2	Centers of triangles definitions, word problems, inscribed vs circumscribed	G.CO.10
10/15	B			
10/16	A	Triangles Unit Day 3	What is Similarity? (mention all circles are similar), Dilations, Scale Factor QUIZ	G.SRT.1
10/22	B			
10/23	A	Triangles Unit Day 4	Triangle Similarity (AA, SAS), Proofs	G.SRT.2, 3
10/24	B			
10/25	A	Triangle Unit Day 5	Other Triangle Properties (Right Triangle Similarity, Parallel Lines to one side form similar triangles, Special Right)	G.SRT.4
10/28	B			
10/29	A	Triangles Review	Review	
10/30	B			
10/31	A	Triangles Unit Test	Test Day	
11/1	B			
11/4	A	Art Project Day	Sierpinski Triangles	
11/5	B			
11/6	A	Quadratics Prep Unit Day 1	(Undistributing), Add and Subtract Polynomials, Define Terms, types of Factoring Quadratics (talk about difference of two squares and mention conjugates)	A.SSE.1a, A.APR.1
11/7	B			
11/8	A	Quadratics Prep Unit Day 2	Properties of Exponents (review with whole numbers and build with fractions)	A.SSE.3a
11/11	B			
11/12	A	Quadratics Prep Unit Day 3	Continue properties of exponents (fractions and radical/rational conversion) QUIZ	N.RN.1
11/13	B			
11/14	A	Quadratics Prep Unit Day 4	Factoring when A isn't 1 and Review	A.SSE.3a
11/15	B			
11/18	A	Quadratics Prep Unit Day 5	Test Day	
11/19	B			
11/20	A	Quadratics Prep Test	Imaginary Numbers, Sum and Product of complex numbers, Complex conjugates	N.CN.1, 2, 3
11/21	B			
11/22	A	Solving Quad Unit Day 1	Completing the square	A.SSE.3b, A.REI.4a
11/25	B			
11/26	A	Solving Quad Unit Day 2	Fundamental Theorem of Algebra, Solve from Vertex Form QUIZ	N.CN.7, 9, A.SSE.3
12/2	B			
12/3	A	Solving Quad Unit Day 3	Solve from Standard Form and introduce discriminant	N.CN.7, A.REI.4a, 4b
12/4	B			
12/5	A	Solving Quad Unit Day 4	Solve from Factored Form	A.SSE.3, A.REI.4
12/6	B			
12/9	A	Solving Quad Unit Day 5	Solving Quads Review Day	
12/10	B			
12/11	A	Solving Quads Review	Test Day (HW Graph lines)	
12/12	B			
12/13	A	Solving Quad Unit Test	Semester Final Review Day	
12/16	B			
12/17	A	Semester Final Review	Semester Final	
12/18	B			
12/19	A	Semester Final	Semester Final	
12/20	B			

1/7	B	Graphing Quad Unit Day 1	(vertex, max/min, axis of symmetry, end	F.IF.4, F.IF.5
1/8	A		from Factored Form	
1/9	B	Graphing Quad Unit Day 2	(roots/zeros/solutions/x-int,)axis of	F.IF.7a
1/10	A		Practice graphing from all three forms (Mid	
1/13	B	Graphing Quad Unit Day 3	Unit Quiz at the end of class)	F.IF.7a
1/14	A		Given Critical Points, write the equation	
1/15	B	Graphing Quad Unit Day 4	(choose the form), Discriminant	A.CED.1, 2
1/16	A		Word Problems, Modeling Quadratics	
1/17	B	Graphing Quad Unit Day 5	(does the plane crash? Reasonable domain,	A.CED.1, 2
1/21	A		Solving Quadratic Inequalities by graphing	
1/22	B	Graphing Quad Unit Day 6	and shading AND number line	A.REI.7
1/23	A			
1/24	B	Graphing Quad Review Day	Graphing Quad Review	
1/27	A			
1/28	B	Graphing Quad Test	Test Day	
1/29	A		Graphing absolute value functions,	
1/30	B	Function Unit Day 1	translating abs and quad functions w/	F.IF.7b, F.BF.3
1/31	A			
2/3	B	Function Unit Day 2	Piecewise functions	F.IF.7b
2/4	A		Exponential Functions, Find growth and	
2/5	B	Function Unit Day 3	decay factor, Word Problems	
2/6	A		Modeling Exponential functions,	
2/7	B	Function Unit Day 4	$(1.25)^{12t} = (?)^t$	F.BF.1b
2/10	A	Function Unit Day 5	Comparing Properties of Functions using	
2/11	B	(Functions 7)	Tables, Equations, Graphs, Verbal	F.IF.8b, F.IF.9,
2/12	A		Descriptions	F.LE.3
2/13	B	Function Day Review	Review Day	
2/14	A			
2/18	B	Function Unit Test	Test Day	
2/19	A	Graphs and Volume Unit		
2/20	B	Day 1 (Functions 5)	Average Rate of Change QUIZ	F.IF.6
2/21	A	Graphs and Volume Unit	Systems of equations by graphing and	
2/24	B	Day 2 (Functions 6)	substitution linear and quadratics	A.REI.7
2/25	A	Graphs and Volume Unit	Cylinder and prism, sphere cones pyramids,	
2/26	B	Day 3 (Conics 6)	deriving formulas and contextual problems,	G.GMD.3
2/27	A	Graphs and Volume Unit	Solving for Variables, scale factors of	
2/28	B	Day 4 (Conics 7)	area/volume/perimeter	G.GMD.1, A.CED.4
3/2	A	Graphs and Volume Unit		
3/3	B	Review	Review Day	
3/4	A	Graphs and Volume Unit		
3/5	B	Test	Test Day	

3/6	A		Central Angles, Inscribed Angles, circumscribed angles	G.C.2
3/10	B	Circles Unit Day 1		
3/11	A		Construct Tangent Lines, Secant Lines, Circumscribed Angles (Mention Inscribed	G.C.4
3/12	B	Circles Unit Day 2		
3/13	A		Circumscribed angles and verifying tangents (Pythagorean theorem) MID UNIT	G.C.2
3/16	B	Circles Unit Day 3		
3/17	A		Arc length and sector area	G.C.5
3/18	B	Circles Unit Day 4		
3/19	A		Introduce Radians, Convert radians to degrees	G.C.5
3/20	B	Circles Unit Day 5		
3/23	A			
3/24	B	Circles Review	Review Day	
3/25	A			
3/26	B	Circles Test	Test Day	
3/27	A		Circles Deriving General form, graphing, properties, is a point circle?	G.GPE.1
3/30	B	Conics Unit Day 1		
3/31	A		Standard form of circle--completing the square	G.GPE.1
4/1	B	Conics Unit Day 2		
4/2	A			
4/3	B	Conics Unit Day 3	Solving systems of equations with circles	A.REI.7
4/13	A		Parabola using Directrix and Focus, Is point on parabola? Just up/down	G.GPE.2
4/14	B	Conics Unit Day 4		
4/15	A			
4/16	B	Conics Unit Day 5	Parabolas in 4 directions QUIZ	G.GPE.2
4/17	A			
4/20	B	Conics Review Day	Review Day	
4/21	A			
4/22	B	Conics Unit Test	Test Day	
4/23	A			
4/24	B	State Review	State Review	
4/27	A			
4/28	B	State Testing	State Testing	
4/29	A			
4/30	B	State Testing	State Testing	
5/1	A			
5/4	B	Probability Unit Day 1	Set Notation, New Terms	S.CP.1
5/5	A		Build Two-way tables, and relative frequency tables, find info from two-way	
5/6	B	Probability Unit Day 2		
5/7	A		Conditional Probability, joint, and marginal probabilities from two-way table. Pre-	S.ID.5, S.CP.4
5/8	B	Probability Unit Day 3		
5/11	A			S.ID.5, S.CP.4, S.CP.6, 7
5/12	B	Probability Unit Day 4	Independence	
5/13	A			
5/14	B	Project Work Day (Review)		S.CP.3, 5
5/15	A			
5/18	B	Probability Unit Test	Mini Test--Projects Due	
5/19	A			
5/20	B	Semester Final Review		
5/21	A			
5/22	B	Semester Final Review		
5/26	A	A Day Finals		
5/27	B	B Day Finals		
5/28	A	All classes		
5/29	B	All classes		