Day	Date	Lesson	Unit
1R	1/25	Intro to Course and Quadratic Formula	0
2F	1/26	Factoring, Introduce Factor to Solve	0
3M	1/29	Solving Quadratics (Quad. Form, C.t.Square)	0
4T	1/30	Solving Absolute Value Equations	0
5W	1/31	Absolute Value Inequalities	0
6R	2/1	Parts of a Graph	1
7F	2/2	Parts of a Graph	1
8M	2/5	Parts of a Graph	1
9T	2/6	Parent Functions	1
10W	2/7 ER	Absolute Value Functions	1
11R	2/8	Piecewise Functions __ PepRally	1
12F	2/9	Inverse Functions	1
13M	2/12	Flex (Include Piecewise f(3) - 2f(-1), etc.)	1
14T	2/13	Unit 1 Test	1
15W	2/14	Sum and Differences of Cubes	2
16R	2/15	Factoring (mixed levels)	2
17F	2/16	Polynomial Long Division	2
18M	2/19	Synthetic Division/Remainder Theorem (k problems)	2
19T	2/20	Fundamental Theorem of Algebra (Multiplicity)	2
20W	2/21	Building Polynomials (Conjugate Root Theorem)	2
21R	2/22	Calculator Regression	2
22F	2/23	Maximizing Volume (Cubic polynomials)	2
23M	2/26	Flex	2
24T	2/27	Unit 2 Test	2
25/W	2/28	Simplify Rational Exp.	3
26R	3/1	Mult/Divide Rational Expressions	3
27F	3/2	Add/Subtract Rational Expressions	3
28M	3/5	Solving Rational Equations (Work)	3
29T	3/6	Rational Functions	3
30W	3/7	ACT - 11th grade	3
31R	3/8	Flex	3
32F	3/9	Unit 3 Test	3
33M	3/12	Logs as Inverses (Change of Base also)	4
34T	3/13	Graphing Logs and Exponentials	4
35W	3/14	Properties of Logarithms	4
36R	3/15	Solving Exponential and Logarithmic Equations	4
37F	3/16	Growth/Decay and Intro to Financial Problems	4
38M	3/19	Flex	4
39T	3/20	Unit 4 Test	4
40W	3/21	Systems of Equations (all types)	Ext
41R	3/22	Solving Systems with Inverse Functions	Ext
42F	3/23	Midterm Review (1)	ME
43M	3/26	Midterm Review (2)	ME
44T	3/27	Midterm Exam	ME
45W	3/28	Comparing Functions (all types)	Ext.
???	3/29	Flex	Ext.

Day	Date	Lesson	Unit
47M	4/9	Cross Sections and Rotations	5
48T	4/10	Volume (1)	5
49W	4/11	Volume (2)	5
50R	4/12	Density Applications (Area and Volume)	5
51F	4/13	Quiz 5.1 (small review before)	5
52M	4/16	Review: Mdpt, Dist., and Slope on Coordinate Plane	5
53T	4/17	Centers of Triangles (Conceptual)	5
54W	4/18ER	Centers of Triangles (Algebraic Applications)	5
55R	4/19	*Coordinate Geometry w/ Centers of Triangles	5
56F	4/20	Quiz 5.2 (triangles)	5
57M	4/23	Parallelograms	5
58T	4/24	Special Parallelograms	5
59W	4/25	*Proofs (review $\triangle s$) / Introduce Parallel. Proofs	5
60R	4/26	Proof for Parallelograms and Special Parallels.	5
61F	4/27	*Coordinate Geometry w/ Quadrilaterals	5
62M	4/30	*Coordinate Geometry w/ Quadrilaterals	5
63T	5/1	Quiz 5.3 (quadrilaterals)	5
64W	5/2	Arcs and Inscribed Angles	6
65R	5/3	Tangents and Chords	6
66F	5/4	Area of a Sector (segments also) and Arc Length	6
67M	5/7	Equations of Circles and Completing the Square	6
68T	5/8	Intersections (Angle Measures/Segment Lengths)	6
69W	5/9	Intersections (Angle Measures/Segment Lengths)	6
70R	5/10	Continue from yesterday and Flex	6
71F	5/11	Unit 6 Test	6
72M	5/14	Unit Circle Investigation/Flex	7
73T	5/15	Unit Circle Introduction (Angles) UNIT CIRCLE	7
74W	5/16	Unit Circle (Coordinates) POP QUIZZES	7
75R	5/17	Graphing Sine and Cosine THROUGHOUT	7
76F	5/18	Sinusoidal Transformations and FLEX	7
77M	5/21	Flex	7
78T	5/22	Unit 7 Test	7
79W	5/23	Sampling and Randomization	8
80R	5/24	Data Collection	8
81F	5/25	Margin of Error	8
82T	5/29	Review	FE
83W	5/30	Review	FE
84R	5/31	Review	FE
85F	6/1	Review	FE
86M	6/4	1st Block Exams	FE
87T	6/5	2nd Block Exams	FE
88W	6/6	3rd Block Exams	FE
89R	6/7	4th Block Exams	FE
90F	6/8	Make-Up Exam Day	FE