

August 2013

Algebra 1 FCIM Calendar
Gateway High School

Monday	Tuesday	Wednesday	Thursday	Friday
			1	2
5	6	7	8	9
12	13	14	15	16
Pre-Planning				
19	20	21	22	23
Formative 1 Baseline Window				
Unit 1 Core Instructional Benchmarks: MA.912.A.1.1: Know equivalent forms of real numbers, MA.912.A.1.4: Perform operations on real numbers				
26	27	28	29	30
Formative 1 Baseline Window				
Unit 1 Core Instructional Benchmarks: MA.912.A.3.1: Solve linear equations in one variable, MA.912.A.10.1: Use a variety of problem-solving strategies				

September 2013

Algebra 1 FCIM Calendar
Gateway High School

Monday	Tuesday	Wednesday	Thursday	Friday
2 Labor Day Student/Teacher Holiday	3 Mini-Lesson Benchmarks: MA.912.D.7.1: Perform set operations such as union and intersection, etc. Unit 2 Core Instructional Benchmarks: MA.912.A.1.1: Know equivalent forms of real numbers, MA.912.A.1.4: Perform operations on real numbers, MA.912.D.7.1: Perform set operations such as union and intersection, etc.	4	5	6
9	10 Mini-Lesson Benchmarks: MA.912.D.7.2: Use Venn diagrams to explore relationships and patterns Unit 2 Core Instructional Benchmarks: MA.912.A.3.2: Identify and apply the distributive, associative, and commutative properties of real numbers, MA.912.D.7.2: Use Venn diagrams to explore relationships and patterns	11	12	13 Mini-Assessment: MA.912.D.7.1 MA.912.D.7.2
16	17 Mini-Lesson Benchmarks: MA.912.A.3.1: Solve linear equations in one variable Unit 3 Core Instructional Benchmarks: MA.912.A.3.1: Solve linear equations in one variable, MA.912.A.3.5: Symbolically represent and solve multi-step and real-world applications	18	19	20
23	24 Mini-Lesson Benchmarks: MA.912.A.3.2: Identify and apply the distributive, associative, and commutative properties of real numbers (assessed with MA.912.A.3.1) Unit 3 Core Instructional Benchmarks: MA.912.A.3.3: Solve literal equations for a specified variable, MA.912.A.5.4: Solve algebraic proportions, MA.912.A.5.1: Simplify algebraic ratios, MA.912.A.10.1 Use a variety of problem-solving strategies	25	26	27 Mini-Assessment: MA.912.A.3.1 MA.912.A.3.2

October 2013

Algebra 1 FCIM Calendar Gateway High School

Monday	Tuesday	Wednesday	Thursday	Friday
30-September	1-October	2	3	4
Mini-Lesson Benchmarks: MA.912.A.3.5: Symbolically represent and solve multi-step and real-world applications				
Section 1.6 & 1.7 Core Instructional Benchmark: MA.912.A.2.3: Describe the concept of a function, use function notation, determine whether a given relation is a function, and link equations to functions, MA.912.A.2.13 Solve real-world problems involving relations and functions				
7	8	9	10	11
Mini-Lesson Benchmarks: MA.912.A.3.3: Solve literal equations for a specified variable				Reteach MA.912.D.7.1, MA.912.D.7.2, MA.912.A.3.1, MA.912.A.3.2
Unit 4 Core Instructional Benchmarks: MA.912.A.2.3: Describe functions, use function notation and link equations with functions, MA.912.A.2.4: Determine the domain and range of a relation				
14	15	16	17 - <u>End of 1st Quarter</u>	18
Mini-Lesson Benchmarks: MA.912.A.3.3: Solve literal equations for a specified variable			Mini-Assessment: MA.912.A.3.5 MA.912.A.3.3	Professional Service Day: Student Holiday
Unit 4 Core Instructional Benchmarks: MA.912.A.2.13 Solve real-world problems involving relations and functions.				
21	22	23	24	25
Teacher Work Day Student Holiday	Mini-Lesson Benchmark: MA.912.A.5.4: Solve algebraic proportions			Reteach MA.912.A.3.5
Unit 4 Core Instructional Benchmarks: MA.912.A.3.8: Graph a line given any of the following information:a table of values, the x- and y- intercepts, two points, the slope and a point, the equation of the line				
28	29	30	31	
Mini-Lesson Benchmarks: MA.912.A.5.4: Solve algebraic proportions				Mini-Assessment: MA.912.A.5.4
Unit 4 Core Instructional Benchmarks: MA.912.A.3.8: Graph a line given any of the following information:a table of values, the x- and y- intercepts, two points, the slope and a point, the equation of the line				

November 2013

Algebra 1 FCIM Calendar Gateway High School

Monday	Tuesday	Wednesday	Thursday	Friday
Mini-Lesson Benchmarks: MA.912.A.5.4: Solve algebraic proportions				1 Mini-Assessment: MA.912.A.5.4
Unit 4 Core Instructional Benchmarks: MA.912.A.3.8: Graph a line given any of the following information: a table of values, the x- and y- intercepts, two points, the slope and a point, the equation of the line				
4	5	6	7	8
Mini-Lesson Benchmark: MA.912.A.2.3: Describe the concept of a function, use function notation, determine whether a given relation is a function, and link equations to functions				
Unit 5 Core Instructional Benchmark: MA.912.A.3.10: Write an equation of a line given: two points on the line, its slope and one point on the line, or its graph. Also, find an equation of a new line parallel to a given line, or perpendicular to a given line, through a given point on the new line				
11 Veteran's Day: Teacher/Student Holiday	12	13	14	15 Mini-Assessment: MA.912.A.2.3
	Mini-Lesson Benchmarks: MA.912.A.2.3: Describe the concept of a function, use function notation, determine whether a given relation is a function			
	Unit 5 Core Instructional Benchmark: MA.912.A.3.10: Write an equation of a line given: two points on the line, its slope and one point on the line, or its graph. Also, find an equation of a new line parallel to a given line, or perpendicular to a given line, through a given point on the new line Graph a linear equation or inequality in two variables			
18	19	20	21	22 Reteach MA.912.A.5.4 MA.912.A.7.1 MA.912.A.7.2
Mini-Lesson Benchmarks: MA.912.A.2.4: Determine the domain and range of a relation				
Unit 5 Core Instructional Benchmarks: MA.912.A.3.7: Rewrite equations of a line into slope-intercept form and standard form, MA.912.A.3.8: Graph a line given: table of values, x/y intercepts, two points, slope and a point, equation of the line				
25	26	27	28	29
Thanksgiving Break: Teacher/Student Holiday				

December 2013

Algebra 1 FCIM Calendar
Gateway High School

Monday	Tuesday	Wednesday	Thursday	Friday
2	3	4	5	6
Mini-Lesson Benchmarks: MA.912.A.2.4: Determine the domain and range of a relation				Mini-Assessment: MA.912.A.2.4
Unit 5 Core Instructional Benchmarks: MA.912.A.3.10: Write an equation of a line given: two points on the line, its slope and one point on the line, or its graph. Also, find an equation of a new line parallel to a given line, or perpendicular to a given line, through a given point on the new line. MA.912.A.3.7: Rewrite equations of a line into slope-intercept form and standard form				
9	10	11	12	13
Mini-Lesson Benchmarks: MA.912.A.3.10: Write an equation of a line given: two points on the line, its slope and one point on the line, or its graph. Also, find an equation of a new line parallel to a given line, or perpendicular to a given line.				Reteach MA.912.A.2.3 MA.912.A.2.4
Unit 5 Core Instructional Benchmarks: MA.912.A.3.10: Write an equation of a line given: two points on the line, its slope and one point on the line, or its graph. Also, find an equation of a new line parallel to a given line, or perpendicular to a given line, through a given point on the new line, MA.912.A.G.1.4 Use coordinate geometry to find slopes, parallel lines, perpendicular lines, and equations of lines (assessed with MA.912.A.3.10)				
16	17	18	19	20
Mini-Lesson Benchmarks: MA.912.A.3.10: Write an equation of a line given: two points on the line, its slope and one point on the line, or its graph. Also, find an equation of a new line parallel to a given line, or perpendicular to a given line.				Mini-Assessment: MA.912.A.3.10
Unit 5 Core Instructional Benchmark: MA.912.A.3.11: Write an equation of a line that models a data set, and use the equation or the graph to make predictions. Describe the slope of the line in terms of the data				
23	24	25	26	27
Winter Break: Teacher/Student Holiday				
30	31			
Winter Break: Teacher/Student Holiday				

January 2014

Algebra 1 FCIM Calendar
Gateway High School

Monday	Tuesday	Wednesday	Thursday	Friday
		1	2	3
Winter Break: Teacher/Student Holiday				
6	7	8	9	10
<p>Mini-Lesson Benchmark: MA.912.A.3.8: Graph a line given any of the following information: a table of values, the x- and y-intercepts, two points, the slope and a point, the equation of the line in slope-intercept form, standard form, or point-slope form.</p>				
<p>Unit 6 Core Instructional Benchmark: MA.912.A.3.4: Solve and graph simple and compound inequalities in one variable and be able to justify each step in a solution</p>				
13	14	15	16 - <u>End of 2nd Quarter</u>	17
<p>Mini-Lesson Benchmark: MA.912.A.3.8: Graph a line given a table of values, the intercepts, two points, the slope and a point, the equation of the line in slope-intercept form, standard form, or point-slope form.</p>			<p>Mini-Assessment MA.912.A.3.8</p>	<p>Teacher Workday Student Holiday</p>
<p>Unit 6 Core Instructional Benchmark: MA.912.A.3.5: Symbolically represent and solve multi-step and real-world applications that involve linear equations and inequalities</p>				
20	21	22	23	24
<p>Martin Luther King Jr. Day: Teacher/Student Holiday</p>	<p>Mini-Lesson Benchmark: MA.912.A.3.9: Determine the slope, x-intercept, and y-intercept of a line given its graph, its equation, or two points on the line.</p>			
<p>Unit 7 Core Instructional Benchmark: MA.912.A.3.13: Use a graph to approximate the solution of a system of linear equations or inequalities</p>				
27	28	29	30	31
<p>Mini-Lesson Benchmark: MA.912.A.3.9: Determine the slope, x-intercept, and y-intercept of a line given its graph, its equation, or two points on the line.</p>				<p>Mini-Assessment: MA.912.A.3.9</p>
<p>Unit 7 Core Instructional Benchmark: MA.912.A.3.14: Solve systems of linear equations and inequalities in two and three variables using graphical, substitution, and elimination methods</p>				

February 2014

Algebra 1 FCIM Calendar Gateway High School

Monday	Tuesday	Wednesday	Thursday	Friday
27 - January	28	29	30	31
Mini-Lesson Benchmark: MA.912.A.3.9: Determine the slope, x-intercept, and y-intercept of a line given its graph, its equation, or two points on the line.				Mini-Assessment: MA.912.A.3.9
Unit 7 Core Instructional Benchmark: MA.912.A.3.14: Solve systems of linear equations and inequalities in two and three variables using graphical, substitution, and elimination methods				
3 - February	4	5	6	7
Mini-Lesson Benchmark: MA.912.A.3.4: Solve and graph simple and compound inequalities in one variable and be able to justify each step in a solution.				Reteach MA.912.A.3.9 MA.912.A.3.8
Unit 7 Core Instructional Benchmark: MA.912.A.3.14: Solve systems of linear equations and inequalities in two and three variables using graphical, substitution, and elimination methods				
10	11	12	13	14
Mini-Lesson Benchmark: MA.912.A.3.4: Solve and graph simple and compound inequalities in one variable and be able to justify each step in a solution.				Mini-Assessment: MA.912.A.3.4
Unit 7 Core Instructional Benchmark: MA.912.A.3.14: Solve systems of linear equations and inequalities in two and three variables using graphical, substitution, and elimination methods, MA.912.A.3.15: Solve real-world problems involving systems of linear equations and inequalities in two and three variables.				
17	18	19	20	21
Mini-Lesson Benchmark: MA.912.A.3.11: Write an equation of a line that models a data set, and use the equation or the graph to make predictions.			Reteach MA.912.A.3.4	Rodeo Day: Teacher/Student Holiday
Unit 8 Core Instructional Benchmark: MA.912.A.4.1: Simplify monomials and monomial expressions using the laws of integral exponents				
24	25	26	27	28
Mini-Lesson Benchmark: MA.912.A.3.11: Write an equation of a line that models a data set, and use the equation or the graph to make predictions. Describe the slope of the line in terms of the data, recognizing that the slope is the rate of change.				Mini-Assessment: MA.912.A.3.11
Unit 8 Core Instructional Benchmark: MA.912.A.4.1: Simplify monomials and monomial expressions using the laws of integral exponents				

March 2014

Algebra 1 FCIM Calendar Gateway High School

Monday	Tuesday	Wednesday	Thursday	Friday
24 - February	25	26	27	28
Mini-Lesson Benchmark: MA.912.A.3.11: Write an equation of a line that models a data set, and use the equation or the graph to make predictions. Describe the slope of the line in terms of the data, recognizing that the slope is the rate of change.				Mini-Assessment: MA.912.A.3.11
Unit 8 Core Instructional Benchmark: MA.912.A.4.1: Simplify monomials and monomial expressions using the laws of integral exponents				
3 - March	4	5	6	7
Mini-Lesson Benchmark: MA.912.A.4.1: Simplify monomials and monomial expressions using the laws of integral exponents				Reteach MA.912.A.3.11
Unit 9 Core Instructional Benchmark: MA.912.A.4.2: Add, subtract, and multiply polynomials				
10	11	12	13	14
Mini-Lesson Benchmark: MA.912.A.4.2: Add, subtract, and multiply polynomials				
Unit 9 Core Instructional Benchmark: MA.912.A.1.8: Use the zero product property of real numbers in a variety of contexts to identify solutions to equations, MA.912.A.4.2: Add, subtract, and multiply polynomials				
17	18	19	20	21 - <u>End of 3rd Quarter</u>
Mini-Lesson Benchmark: MA.912.A.4.2: Add, subtract, and multiply polynomials				Mini-Assessment: MA.912.A.4.1 MA.912.A.4.2
Unit 9 Core Instructional Benchmark: MA.912.A.4.3: Factor polynomial expressions				
24	25	26	27	28
Spring Break: Teacher/Student Holiday				

April 2014

Algebra 1 FCIM Calendar Gateway High School

Monday	Tuesday	Wednesday	Thursday	Friday
31 - March Teacher Workday Student Holiday	1 - April Mini-Lesson Benchmark: MA.912.A.4.3: Factor polynomial expressions.exponents. Unit 9 Core Instructional Benchmark: MA.912.A.4.3: Factor polynomial expressions	2	3	4
7	8 Mini-Lesson Benchmark: MA.912.A.7.1: Graph quadratic equations with and without graphing technology. Unit 10 Core Instructional Benchmark: MA.912.A.7.1: Graph quadratic equations with and without graphing technology.	9	10	11 Reteach MA.912.A.4.3
14	15 Mini-Lesson Benchmark: MA.912.A.7.2: Solve quadratic equations by factoring and using the quadratic formula. Unit 10 Core Instructional Benchmark: MA.912.A.7.2: Solve quadratic equations by factoring and using the quadratic formula.	16	17	18 Mini-Assessment: MA.912.A.4.3 MA.912.A.7.1 MA.912.A.7.2
21	22 Mini-Lesson Benchmark: MA.912.A.6.2: Add, subtract, multiply, and divide radical expressions (square roots and higher) Unit 11 Core Instructional Benchmark: MA.912.A.6.2: Add, subtract, multiply, and divide radical expressions (square roots and higher) (<u>11.2 only</u>)	23	24	25 Reteach MA.912.A.7.1 MA.912.A.7.2
28	29 Mini-Lesson Benchmark: MA.912.A.4.4: Divide polynomials by monomials Unit 12 Core Instructional Benchmark: MA.912.A.4.4: Divide polynomials by monomials (<u>12.3 only</u>)	30		Mini-Assessment: MA.912.A.6.2 MA.912.A.4.4

May 2014

Algebra 1 FCIM Calendar
Gateway High School

Monday	Tuesday	Wednesday	Thursday	Friday
			1	2
Mini-Lesson Benchmark: MA.912.A.4.4: Divide polynomials by monomials				Mini-Assessment: MA.912.A.6.2 MA.912.A.4.4
Unit 12 Core Instructional Benchmark: MA.912.A.4.4: Divide polynomials by monomials (<i>12.3 only</i>)				
5	6	7	8	9
Mini-Lesson Benchmark: MA.912.A.3.14: Solve systems of linear equations and inequalities in two and three variables using graphical, substitution, and elimination methods.				
Review for Algebra 1 EOC				
12	13	14	15	16
< - Algebra 1 EOC - >				
19	20	21	22	23
Geometry Preview / Algebra 1 Review				
26 Memorial Day: Teacher/Student Holiday	27	28	29	30
	Geometry Preview / Algebra 1 Review			

June 2014

Algebra 1 FCIM Calendar
Gateway High School

Monday	Tuesday	Wednesday	Thursday	Friday
2	3	4	5 - <u>End of 4th Quarter</u>	6 Post-Planning Last day for teachers
Geometry Preview / Algebra 1 Topic Review				
9	10	11	12	13
16	17	18	19	20
23	24	25	26	27