Algebra 1 Curriculum Map - 1st semester

Date	Lesson
Aug 9	First day - syllabus/ALEKS/canvas/screens
Aug 10	Day 1 - Real numbers system
Aug 11	day 2 - properties
	CHAPTER 1
Aug 14	Day 5 - order of operations
Aug 15	Day 6 - evaluating expressions
Aug 16	Review all lessons
Aug 17	Quiz
Aug 18	NWEA
Aug 21	Day 7 - matrices
Aug 22	Day 9 - combining like terms
Aug 23	day 10 - simplifying expressions
Aug 24	day 11 - translating expressions/equations
Aug 25	Quiz
Aug 28	day 13 - solving two step equations
Aug 29	day 14 - solving and graphing inequalities
Aug 30	Chapter 1 review
Aug 31	Chapter 1 TEST
Sept 1	
Sept 4	**NO SCHOOL - LABOR DAY**
	CHAPTER 2
Sept 5	day 1 - multistep equations
Sept 6	day 2 - variables on both sides
Sept 7	day 3 - infinite and no solution equations
Sept 8	Quiz
Sept 11	day 4 - algebraic proportions
Sept 12	day 6 - absolute value equations
Sept 13	day 7 - multi-variable equations
Sept 14	day 8 - review
Sept 15	Quiz
Sept 18	day 9 - word problems
Sept 19	day 10 - more word problems
Sept 20	day 13 - multistep inequalities
Sept 21	day 14 - compound inequalities
Sept 22	day 15 - absolute value inequalities
Sept 25	day 16 - inequalities review
Sept 26	Quiz
Sept 27	Chapter 2 Review
Sept 28	Chapter 2 TEST
	CHAPTER 3
Sept 29	Make up day
Oct 2	Day 1 - relations and functions dictionary
Oct 3	Day 2 - relations, functions, range etc.
Oct 4	Day 3 - continued domain, range, etc.
Oct 5	Day 4 - real world graphs
Oct 6	Quiz
Oct 9	Day 6 - equations as functionsl graphing by table
Oct 10	Day 7 - function notation ; eval func
Oct 11	Day 8 - zeros of functions
Oct 12	Day 10 - arithmetic sequences
Oct 13	Quiz

Oct 16	Chapter 3 Review
Oct 17	Chapter 3 test
Oct 18	VIRTUAL LEARNING DAY
Oct 19	**FALL BREAK**
Oct 20	**FALL BREAK**
	CHAPTER 4
Oct 23	Slope from a graph and slope formula
Oct 24	linear equations: slope int form and stnd form
Oct 25	graphing linear equations
Oct 26	x and y intercepts
Oct 27	Quiz
Oct 30	Vertical and horizontal lines
Oct 31	point-slope formula (point and slope)
Nov 1	point-slope formula (two points)
Nov 2	writing equations of lines
Nov 3	Quiz
Nov 6	parallel and perp lines
Nov 7	writing equations of parallel and perp
Nov 8	linear eq word problems (day 1 and 2)
Nov 9	scatter plot, line of best fit
Nov 10	Quiz
Nov 13	Chapter 4 Review
Nov 14	Chapter 4 test
	CHAPTER 5
Nov 15	Solving systems by graphing
Nov 16	solving systems by subst.
Nov 17	elimination (day 1)
Nov 20	elimination (day 2)
Nov 21	
Nov 22	**THANKSGIVING BREAK**
Nov 23	**THANKSGIVING BREAK**
Nov 24	**THANKSGIVING BREAK**
Nov 27	Review all methods of solving systems
Nov 28	Word problems
Nov 29	Quiz
Nov 30	Solving systems by matrices
Dec 1	linear inequalities
Dec 4	systems of linear inequalities
Dec 5	systems of linear inequalities - word prob
Dec 6	Chapter 5 Review
Dec 7	Chapter 5 Test
Dec 8	
Dec 11	Finals Review
Dec 12	Finals Review
Dec 13	Finals Review
Dec 14	Finals Review
Dec 15	Finals Review
Dec 18	FINALS
Dec 19	FINALS
Dec 20	FINALS
Dec 21	**CHRISMAS BREAK**
Dec 22	**CHRISMAS BREAK**

Algebra 1 Curriculum Map - 1st semester

Date	Lesson
	Chapter 6
Jan 4	monomials; add/subt/multp
Jan 5	power rule and geom applications
Jan 8	quotient rule
Jan 9	negative exp
Jan 10	review
Jan 11	Quiz
Jan 12	Scientific notation
Jan 15	**MLK DAY**
Jan 16	graphing exp functions
Jan 17	exp growth and decay
Jan 18	geom sequences
Jan 19	Quiz
Jan 22	Simplifying radicals
Jan 23	monomial square roots
Jan 24	Review
Jan 25	Review
Jan 26	Chapter 6 Test
	Chapter 7
Jan 29	Intro to polynomials
Jan 30	multipl mono and polyn
Jan 31	multipl binomials and trinomials
Feb 1	dividing by a mono
Feb 2	Quiz
Feb 5	factoring poly: GCF
Feb 6	factoring polt: diff of sq
Feb 7	factoring poly: trin
Feb 8	Review
Feb 9	Quiz
Feb 12	factoring trinomials
Feb 13	factor by grouping
Feb 14	Mixed factoring/Review
Feb 15	Dividind by binomial
Feb 16	Quiz
Feb 19	**PRESIDENT'S DAY**
Feb 20	Unit 7 Review
Feb 21	Chapter 7 Test
	Chapter 8
Feb 22	Intro to quad equations
Feb 23	graphign quad eq
Feb 26	vertex form/transformations
Feb 27	Quiz
Feb 28	quadratic roots/discrim
Feb 29	solving by factoring
Mar 1	solving by factoring
Mar 4	compare vertex form, etc.
Mar 5	Quiz
Mar 6	solving by square roots
Mar 7	solving by completing the square
.Mar 8	solving by completing the square

Mar 11	solving quad by formula
Mar 12	Quiz
Mar 13	Review
Mar 14	**FLEX DAY**
Mar 15	**FLEX DAY**
Mar 25	Word problems
Mar 26	Chapter 8 Review
Mar 27	Chapter 8 Review
Mar 28	Chapter 8 Test
Mar 29	**GOOD FRIDAY**
Apr 1	**FLEX DAY**
	Chapter 9
Apr 2	Identifying different functions
Apr 3	writing eq to different functions
Apr 4	linear, quad, exp applications
Apr 5	Quiz
Apr 8	Regressions
Apr 9	Piecewise functions
Apr 10	Piecewise functions
Apr 11	Piecewise functions Applications
Apr 12	Quiz
Apr 15	Nonlinear systems
Apr 16	Nonlinear systems
Apr 17	graphign vs substit
Apr 18	Chapter 9 Review
Apr 19	Chapter 9 Test
Apr 22	Prob/Stat
Apr 23	Prob/Stat
Apr 24	**State Testing**
Apr 25	**State Testing**
Apr 26	**State Testing**
	Chapter 10
Apr 29	Simplifying radicals
Apr 30	Simplifying radicals with variables
May 1	adding/subt radicals
May 2	Review
May 3	Quiz
May 6	Multiplying radicals
May 7	dividing radicals
May 8	dividing radicals
May 9	Radical Eq
May 10	Quiz
May 13	Radical Equations
May 14	Chapter 10 Review
May 15	Chapter 10 Test
	Chapter 11
May 16	Simplifying rational exp
May 17	multipl rational exp
May 20	dividing rational exp
May 21	
May 22	
May 23	**LAST DAY**