

1st Quarter

	Monday	Tuesday	Wednesday	Thursday	Friday
August 5 - August 9	PD Day	PD DAY	PD DAY	PD DAY	First half day Getting to know you, activities, etc.
August 12 - August 16	Solving equations error analysis (warm up and homework), syllabus and procedures, textbooks?	Solving equations + proportions stations	Solving equations special cases	Multi-step inequalities	Mini quiz - solving equations Multi-step inequalities review
August 19 - August 23	Power Monday Compound inequalities	Compound inequalities special cases	Mini quiz - multi step inequalities Compound inequality review	Dimensional Analysis	Mini quiz - compound inequalities Dimensional Analysis
August 26 - August 30	Power Monday Unit 1 Review	Unit 1 Test	Literal Equations	Consecutive integer	geometry word problems
September 2 - September 6	LABOR DAY	Mixture word problems	Mini quiz - literal word problems, consecutive integer, geometry word problems Flipped lesson: coin word problems	Distance, rate, and time	Distance, rate, and time
September 9 - September 13	Power Monday Quiz on Distance, rate, and time	Age problems	Chart problems stations	Chart problems stations	Unit 2 Test
September 16 - September 20	Power Monday Finding x and y intercepts; rate of change	Point Slope + Slope Intercept Form	Undefined and zero slope; being standard form	Quiz - slope, intercepts, rate of change More standard form	White board practice of writing equations of lines
September 23 - September 27	Power Monday Parameter changes packet on linear equations	Quiz - equations of lines Finish parameter changes packet	Warm Up: Function Notation Sequence vocabulary, arithmetic sequences	Warm Up: Function Notation recursive and explicit	Mini quiz- function notation QR scan activitiy

September 30 - October 4	Power Monday Graphing arithmetic sequences and writing sequences from tables and graphs (talk about discrete and continuous)	Mini Quiz - sequences Unit Review	Unit Review	Unit 3 Test	Function Family calculator activity
October 7 - October 11	Harold's Function Cheat Sheet	Finish cheat sheet	END OF 1st QTR Benchmark	Fall Break	Fall Break

2nd Quarter

	Monday	Tuesday	Wednesday	Thursday	Friday
October 14 - October 18	Power Monday Increasing and decreasing activity	Finish increasing and decreasing Key features partner activity	Quiz: Key features grade cam quiz Is it a function activity and graphic organizer	Key features of graphs review	Unit 4 Test
October 21 - October 25	Power Monday Graphing and substitution solving systems (including special cases)	Elimination solving systems (including special cases)	Solving systems activity Homework - choosing the best method (due Friday)	Systems word problems	Pizzazz 8.6 (might have used in 7th grade so might need to look back at)
October 28 - November 1	Power Monday Quiz - solving systems skills only	Graphing single linear inequalities	Quiz - solving systems word problems Graphing single linear inequalities	Graphing systems of inequalities	Math Libs stations
November 4 - November 8	Finish math libs review	Unit 5 Test	Graphing absolute value in vertex form and transformations	Solving absolute value equations graphically	Solving absolute value equations algebraically
November 11 - November 15	Power Monday Solving absolute value equations activity	Solving absolute value equations activity	Quiz - graphing and solving absolute values	Absolute value inequalities	absolute value inequalities tiered practice
November 18 - November 22	Power Monday quiz - absolute value inequalities	absolute value review	absolute value review	Unit 6 Test	Mean, Median, Mode Toad Katherine's Fun Penny activity
November 25 - November 29	Thanksgiving Katherine's Due Date :)	Thanksgiving	Thanksgiving	Thanksgiving	Thanksgiving

December 2 - December 6	Power Monday Measures of center and spread	Standard deviation and outliers	Dot plot + building box and whisker on calculator	Comparing box plots	Normal Distribution
December 9 - December 13	Quiz - statistics Normal distribution activity packet	Linear regression + scatter plots	Line of best fit activity	Station review	Unit 7 Test
December 16 - December 20	Benchmark	Exams	Exams	Half Day	Planning Day

3rd Quarter

	Monday	Tuesday	Wednesday	Thursday	Friday
January 6 - January 10	Laws of exponents and rational exponents notes	Geometric sequences - recursive and explicit	More geometric sequence practice	Graphing exponentials using a table of values; writing exponentials given 2 points	Quiz - geometric sequence, exponent rules, rational exponents work on exponential practice from workbook
January 13 - January 17	Power Monday Exponential growth and decay word problems	Growth and decay stations	More review on exponentials (graphing and writing); growth rate vs growth factor	Arithmetic sequences to linear graphs, geometric sequences to exponential graphs	Quiz - writing and graphing exponentials, growth and decay word problems
January 20 - January 24	MLK DAY	Station review	Unit 8 Test	Classifying polynomials, vocabulary, multiplying polynomials	Multiplying polynomials word problems
January 27 - January 31	Power Monday Factoring out GCF and factor by grouping	Mini quiz - polynomials CSI activity	AC Method	AC Method	Quiz - grouping, GCF, multiplying polynomials, word problems AC Method puzzle activity
February 3 - February 7	Power Monday Factoring trinomials coloring activity	Factoring special cases	Factoring review	Factoring BINGO	Quiz - AC Method and special cases
February 10 - February 14	Power Monday Factoring stations	Factoring stations	Unit 9 Test	Solving quadratics with square roots; geometry word problems	Solving quadratics by factoring, zero product property

February 17 - February 21	PD DAY	Solving by factoring; projectile motion	More practice Exit Ticket Quiz - factoring	Completing the square	Quiz - solving by square roots and factoring Completing the square practice
February 24 - February 28	Power Monday - *possibly Katherine's first day back* Completing the square activity	Finish complete the square activity	Projectile Motion Homework - quadratic formula flipped	Quadratic formula	Station review (give study guide due Wednesday)
March 2 - March 6	Station review	PD DAY	Unit 10 Test	Unit 10 Test	Graphing quadratics vocab and calculator activity
March 9 - March 13	Power Monday Graphing in vertex form	Graphing in standard form	Converting between forms, writing equations of quadratics from a graph	writing equations of quadratics from a graph or a table	Benchmark
March 16 - March 20	Spring Break	Spring Break	Spring Break	Spring Break	Spring Break

4th Quarter

	Monday	Tuesday	Wednesday	Thursday	Friday
March 23 - March 27	Power Monday Putting it all together activity	Quadratic function word problems notes (maximum height, time to max, max area)	Quiz - graphing quadratics and writing equations Check homework and more word problem practice	Graphing and evaluating piecewise functions (no step functions)	Quiz - Graphing square and cube roots Writing equations of piecewise functions
March 30 - April 3	Power Monday Piecewise scavenger hunt	quiz review day	Quiz - word problems and piecewise	Unit 11 Review	Unit 11 Test
April 6 - April 10	Simplifying radicals numeric and algebraic	Add, subtract, multiply radicals	Radical operations task cards	Quiz - simplifying + operations with radicals	SPRING HOLIDAY
April 13 - April 17	Power Monday Rationalizing + conjugates	Rationalizing + conjugates; solving radical equations without factoring	Radical equations with factoring	Station Review	Unit 12 Test
April 20 - April 24	TCAP TNReady Review	TCAP TNReady Review	TCAP TNReady Review	TCAP TNReady Review	TCAP TNReady Review
April 27 - May 1	Simplifying rationals	Rational expressions mad lib activity	Multiply and divide	Multiply and divide activity	Add and subtract with like denominators

May 4 - May 8	Add and subtract with unlike denominators	Quiz - simplifying, multiply and divide, add and subtract with like denominators Add and subtract review	Pizzazz partner activity	Solving rational equations	Quiz - add and subtract unlike denoniators Solving rational equations practice
May 11 - May 15	Solving equations practice activity	Finish Monday activity	Unit 13 Test	Exam Study Guide Review	Ferris Bueller's Day Off
May 18 - May 22	Exams	Exams	Exams	Exams	PD DAY