September 2016 - January 2017

Monday	Tuesday	Wednesday	Thursday	Friday
29 AUG Course Intro, Class Expectations, and review of Pythagorean Theorem and Solving Ratios	30 Using the TAN ratio to calculate lengths in Right Triangles	31 Using SIN and COS to calculate lengths	1 SEPT TAN RATIO for angles	2 Introduction to the SIN and COS Ratios for Angles
5 **No School: Labour Day**	6 Applying all three TRIG Ratios to solving problems with single right angle triangles (Day 1)	7 Applying all three TRIG Ratios to solving problems with single right angle triangles (Day 2)	8 **Review & Quiz** on solving simple right triangle problems with TAN, COS and SIN ratio	9 Solving Problems involving more then one Right Triangle
12 Review and Summary Quiz on Trigonometry	13 Go over the Summary Quiz and Review for the Unit Exam on Trigonometry	14 **UNIT EXAM on Trigonometry**	15 Introduce Unit on Measurement and discuss what will be happening during **Land Based Learning Week**	16 **No School: Staff Work Day**
19 **LAND BASED LEARNING**	20 **LAND BASED LEARNING**	21 **LAND BASED LEARNING**	22 **LAND BASED LEARNING**	23 **LAND BASED LEARNING**
26 Review of Conversions between SI and Imperial Units for Length	27 Volume of Right Pyramids and Right Cones	28 Surface Area of Right Pyramids and Cones	29 Surface Area and Volume of a Sphere	30 Surface Area and Volume for Composite Shapes
3 OCT Additional Practice with Surface Area and Volume of Pyramids, Cones and Spheres then **Quiz**	4 Go over SA and VOL quiz then Review for Unit Exam on Measurement	5 **UNIT EXAM on Measurement**	6 Factors and Multiples of Whole Numbers as well as LCM and GCF	7 **No School: Staff Work Day**
10 **No School: Thanksgiving Day**	11 Multiplying Monomials and Polynomials	12 Factoring Monomials and Polynomials by using a GCF	13 Multiplying Binomials and Trinomials	14 Factoring Polynomials of the form: x^2+bx+c
17 Polynomials of the form: ax^2+bx+c (Day 1)	18 Polynomials of the form: ax^2+bx+c (Day 2)	19 Multiplying and Factoring Special Polynomials	20 Additional Practice with Factoring and Multiplying Polynomial Expressions	21 Additional Practice with Factoring Polynomial Expressions and **Quiz**
24 Start chapter review on Polynomials	25 Continue review for Unit Exam on Polynomials	26 **UNIT EXAM on Polynomials**	27 Representing Relations and Properties of Functions	28 Interpreting Graphs and Plotting Data on a Graph
31 Rate of Change and determining the Intercepts for Graphs (Day 1)	1 NOV Rate of Change and determining the Intercepts for Graphs (Day 2)	2 Determining the Domain and Range of Graphs	3 Review for Unit Exam on Relations and Functions	4 **UNIT EXAM on Relations and Functions**
7 **No School: Day in Lieu**	8 **No School: November Break**	9 **No School: November Break**	10 **No School: November Break**	11 **No School: Rememberance Day**

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Monday	Tuesday	Wednesday	Thursday	Friday
14 Slope of a Line	15 Slopes of Parallel and Perpendicular Lines	16 Investigating the Graphs of Linear Functions from plotting their Equations	17 Slope-Intercept form of a Line (y = mx + b)	18 Slope Point form of a Line (y – y1) = m(x – x1)
21 Practicing with Slope-Intercept and Slope Point Form of a Line (Graphing and Equations)	22 Review and **Review Quiz** on content up to and including Slope-Point Form of a Line	23 Introduction to General Form of the Equation of a Line	24 Additional Practice with the Equation of a Line (all forms)	25 **No School: Staff Work Day**
28 Review Quiz on Linear Functions	29 Go over the first Review Quiz, and additional review for the exam on Linear Equations	30 **UNIT EXAM on Linear Functions**	1 DEC Estimating Roots - Focus is on Calculator Skills with different Indexes	2 4.2 Irrational Numbers
5 4.3 Mixed and Entire Radicals	6 Additional Practice Working with Mixed and Entire Radicals	7 4.4 Fractional Exponents and Radicals	8 4.5 Negative Exponents and Radicals	9 Review and **Review Quiz** on content up to and including Negative Exponents and Radicals
12 Introduction to Applying the Exponent Laws in Simpler Cases (Day 1)	13 Applying the Exponent Laws in More Complex Cases (Day 2)	14 Conclusion for Applying the Exponent Laws (Day 3) and start Unit Review for Radicals and Exponents	15 Review for Unit Exam on Radicals and Exponents	16 **UNIT EXAM on Roots and Powers**
19 **Make-up Day** (If needed) for lost classes during the semester OR additional course review	20 **Make-up Day** (If needed) for lost classes during the semester OR additional course review	21 **No School: Christmas Break**	22 **No School: Christmas Break**	23 **No School: Christmas Break**
2 **No School: Christmas Break**	3 **No School: Christmas Break**	4 JAN Introduction to Systems of Linear Equations and Review of Graphing Linear Equations	5 Solving a System of Linear Equations by Graphing (Day 1)	6 Solving a System of Linear Equations by Graphing (Day 2)
9 7.4 Solving a System of Linear Equations by using Substitution	10 7.5 Solving a System of Linear Equations by using Elimination	11 Additional Practice with Problem Solving with Systems of Linear Equations	12 Additional Practice and then Review Quiz for Systems of Linear Equations	13 Review for Unit Exam on Systems of Linear Equations
16 **UNIT EXAM on Systems of Linear Equations**	17 Course Review	18 Course Review	19 Course Review	20 Course Review
23 EXAM WEEK	24 EXAM WEEK	25 EXAM WEEK	26 EXAM WEEK	27 EXAM WEEK
30 EXAM WEEK	31 **No School: Staff Day/ Semester Break**	1	2	3