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| **August 2016** |
| **Sunday** | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** | **Saturday** |
|  | **1** | **2** | **3** | **4** | **5**1st for studentsSyllabus/Get to know you | **6** |
| **7** | **8** 1.Metric to Metric 2. Standard to Standard  | **9** 1. Metric to Standard2. Mixed Unit Analysis | **10**1. Parts of an Expression2. Translate Expressions | **11**1. Order of Operations & Evaluate Expressions | **12**1. Exponent Laws2. Algebraic Properties | **13** |
| **14** | **15**1. Add Polynomials 2. Subtract Polynomials | **16**1. Multiply Polynomials 2. Mixed Review | **17**1. Simplify Radicals | **18**1. Add Radicals 2. Subtract Radicals | **19**1. Multiply Radicals  | **20** |
| **21** | **22**1. Mixed Radical2. Rational vs. Irrational | **23**1. Rational vs. Irrational Practice | **24**Unit 1 Study Guide  | **25**Unit 1 Test | **26**1. Properties of EqualitySolve 1 & 2 Step Equations | **27** |
| **28** | **29**1. Multi-Step2. Variables on Both Sides3. Mixed Solving Equations | **30**1. Literal Equations  | **31** 1. Graph Equations on Coordinate Plane |  |  |  |
|  |  |  |  |  |  |  |
| **September 2016** |
| **Sunday** | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** | **Saturday** |
|  |  |  |  | **1**1. Solve Inequalities (with number line)2. Graph Inequalities on Coordinate Plane | **2**Unit 2A Study Guide | 3 |
| 4 | **5***No School* | **6**Unit 2A Test | **7**1. Graph Systems of Equations2. Graph Systems of Inequalities | **8***Whole Group Activity* | **9**1. Solve Systems by Substitution | 10 |
| 11 | **12**1. Solve Systems by Elimination | **13**1. Mixed Review2. Unit 2B Study Guide | **14**Unit 2B Test | **15**1. Function Notation | **16**1. Domain/ Range | 17 |
| 18 | **19**1. Intercepts2. Rate of Change | **20**1. Increasing/ DecreasingEnd Behavior2. Compare Functions | **21**1. Arithmetic Sequences2. Unit 2C Study Guide | **22**Unit 2C Test | **23**1. Intro Graph Parabola | 24 |
| 25 | **26***Whole Group Activity* | **27**1. Greatest Common Factor2. Intro Factoring (a=1 and gcf) | **28**1. Factor (a≠1) | **29**1. Difference of squares | **30**1. Perfect Square Trinomials |  |
| **October 2016** |
| **Sunday** | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** | **Saturday** |
|  |  |  |  |  |  | **1** |
| **2** | **3**1. Solve by inspection & find zeros by factoring | **4**1. Review Square Roots & Solve Quadratics  | **5**1. Completing the Square | ***6***1. Quadratic formula | ***7****No School* | **8** |
| **9** | **10***No School* | **11**1. Unit 3A Study Guide2. Unit 3A Test | **12**1. Standard Form2. Intercept Form | **13** *Whole Group Activity* | **14**1. Vertex form2. Convert between forms | **15** |
| **16** | **17**1. Quadratic Literal Equations  | **18**1.Characteristics Day 12. Characteristics Day 2 | **19**1. Characteristics Day 32. Characteristics Day 4 | **20**(Rock Eagle)Unit 3B Study Guide | **21**(Rock Eagle)Unit 3B Test | **22** |
| **23** | **24**1. Graphing Exponentials from tables.2. Characteristics Day 1 | **25**1.Characteristics Day 22. Mixed Characteristics | **26**1. Construct Exponential Equations | **27**1. Compound Interest | **28***Whole Group Activity* | **29** |
| **30** | **31**1. Growth & Decay |  |  |  |  |  |
| **November 2016** |
| **Sunday** | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** | **Saturday** |
|  |  | **1**1. Compare Exponential Functions2. Solve Simple Exponential Functions | **2**Geometric Sequences | **3**Unit 4 Study Guide | **4**Unit 4 Test | **5** |
| **6** | **7**1. Identify Function type  | **8**1. Compare Tables & Equations2. Compare Graphs3. Compare Scenarios | **9**1. Mixed Review  | **10**1. Compare Sequences | **11**1. Desmos Transformations Activity | **12** |
| **13** | **14**1. Vertical Shifts  | **15**1. Horizontal Shifts  | **16**1. Reflections, Vertical Stretches & Shrinks  | **17**1. Mixed Review2. Unit 5 Study Guide | **18**Unit 5 Test | **19** |
| **20** | **21***Thanksgiving Break* | **22***Thanksgiving Break* | **23***Thanksgiving Break* | **24***Thanksgiving Day* | **25***Thanksgiving Break* | **26** |
| **27** | **28**1. Measures of Center 2. Measures of Variability3. M.A.D. | **29**1. Choose Appropriate Measure2. Dot Plots &Frequency Tables | **30**1. Histograms2. Box Plots |  |  |  |
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| **December 2016** |
| **Sunday** | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** | **Saturday** |
|  |  |  |  | **1**1. Two-Way Frequency Table | **2**1. Scatter Plots | **3** |
| **4** | **5**1. Line of Best of Fit2. Line of Best Fit w/ Tech | **6**Unit 6 Study Guide | **7**Unit 6 Test | **8***Whole Group Activity* | **9**Review | **10** |
| **11** | **12**Milestones/ Catch Up Days | **13**Milestones/ Catch Up Days | **14**Milestones/ Catch Up Days | **15**Milestones/ Catch Up Days | **16**Milestones/ Catch Up Days/ Half Day | **17** |
| **18** | **19**Winter Break | **20**Winter Break | **21**Winter Break | **22**Winter Break | **23**Winter Break | **24** |
| **25****Christmas** | **26**Winter Break | **27**Winter Break | **28**Winter Break | **29**Winter Break | **30**Winter Break | **31** |
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