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| **August 2016** | | | | | | |
| **Sunday** | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** | **Saturday** |
|  | **1** | **2** | **3** | **4** | **5**  1st for students  Syllabus/Get to know you | **6** |
| **7** | **8**  1.Metric to Metric  2. Standard to Standard | **9**  1. Metric to Standard  2. Mixed Unit Analysis | **10**  1. Parts of an Expression  2. Translate Expressions | **11**  1. Order of Operations & Evaluate Expressions | **12**  1. Exponent Laws  2. 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 Radical  2. Rational vs. Irrational | **23**  1. Rational vs. Irrational Practice | **24**  Unit 1 Study Guide | **25**  Unit 1 Test | **26**  1. Properties of Equality  Solve 1 & 2 Step Equations | **27** |
| **28** | **29**  1. Multi-Step  2. Variables on Both Sides  3. Mixed Solving Equations | **30**  1. Literal Equations | **31**  1. Graph Equations on Coordinate Plane |  |  |  |
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| **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 Equations  2. 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 Review  2. Unit 2B Study Guide | **14**  Unit 2B Test | **15**  1. Function Notation | **16**  1. Domain/ Range | 17 |
| 18 | **19**  1. Intercepts  2. Rate of Change | **20**  1. Increasing/ Decreasing  End Behavior  2. Compare Functions | **21**  1. Arithmetic Sequences  2. Unit 2C Study Guide | **22**  Unit 2C Test | **23**  1. Intro Graph Parabola | 24 |
| 25 | **26**  *Whole Group Activity* | **27**  1. Greatest Common Factor  2. 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 Guide  2. Unit 3A Test | **12**  1. Standard Form  2. Intercept Form | **13**  *Whole Group Activity* | **14**  1. Vertex form  2. Convert between forms | **15** |
| **16** | **17**  1. Quadratic Literal Equations | **18**  1.Characteristics Day 1  2. Characteristics Day 2 | **19**  1. Characteristics Day 3  2. 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 2  2. 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 Functions  2. 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 & Equations  2. Compare Graphs  3. 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 Review  2. 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 Variability  3. M.A.D. | **29**  1. Choose Appropriate Measure  2. Dot Plots &  Frequency Tables | **30**  1. Histograms  2. 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 Fit  2. 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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