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|  | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| **Week 1 8/28 – 9/1** | **First day of School**  0.1  Rules of Exponents | 0.2  Polynomials:  Add, subtract, multiply | **Review/Quiz** | 1.1  Intro to Transformation | 1.2  Reflection |
| **Week 2 9/4-9/8** | **Holiday**  **No school** | 1.3  Rotations | 1.4  Dilations | **Review** | **Unit Test 1: Transformations** |
| **Week 3 9/11 – 9/15** | 2.1  Relations and Functions | 2.2  Parent Functions | 2.3  Graphs of Polynomials | 2.4  Graphs of Polynomials | 2.5  Transformations of Equations |
| **Week 4 9/18-9/22** | **Review** | **Unit Test #2:**  **Transformations of Equations** | 3.1  Intro to Factoring: GCF, DOS, and x-factor | 3.2  Review factoring | 3.3  Solve quadratics by factoring |
| **Week 5 9/25 – 9/29** | 3.4  Solve more quadratics by the Squareroot method | 3.5  Quadratic Formula | 3.6  Completing the Square | **Interim Reports**  3.7  Transformations of Quadratics | 3.8  Quadratic Modeling |
| **Week 6 10/2 – 10/6** | 3.8  Modeling with  Quadratics  . | 3.9  Quadratic Regression | 3.9  Quadratic Regression | **Review** | **Unit Test 3:**  **Factoring, Polynomials, and Quadratic** |
| **Week 7  10/9 – 10/13** | 4.1  Linear and Literal Equations | 4.2  Graphing Linear Inequalities | 4.3  Absolute Value Equations and Inequalities | **Review/Quiz** | 4.4  Solving systems by graphing (Equations and Inequalities) |
| **Week 8  10/16 – 10/20** | 4.5  Linear Programming | 4.5  Linear Programming  **Review** | **Unit #4 Test : Equations, Inequalities, and Systems** | 5.1  Rules of Rational Exponents | 5.2  Radical Equations |
| **Week 9 10/23 – 10/27** | 5.3  Properties Rational and Irrational #’s | 5.4  Modeling with Radical | 5.5  Exponential Modeling | 5.5  Exponential Modeling | Review |
| **Week 10 10/30 – 11/3** | **End of 1st Quarter**  **Unit Test #5:**  **Functions** | 6.1  Applications of Linear Equations: Direct and Inverse Variation | 6.1  Variation Continued | 6.2  Piecewise Functions  2HR early dismissal | **6.2**  **Practice** |
| **Week 11 11/6 – 11/10** | 6.3  Modeling with Piecewise Functions | 6.3  Practice | Review | Unit Test # 6 | **Holiday**  **No school** |
| **Week 12 11/13 – 11/17** | 7.1  Introduction to Geometry (key vocabulary | **Report Cards**  **7.2**  Identifying Angles and Triangles | **7.3**  Equations with Angles and Triangles | 7.4  Equations with Special Triangles (equilateral, isosceles, and midsegment | Review/Quiz |
| **Week 13 11/20 – 11/24** | 7.5  Triangle Congruence | 7.5  Triangle Congruence | **Holiday**  **No school** | **Holiday**  **No school** | **Holiday**  **No school** |
| **Week 14 11/27 – 12/1** | **Review** | Unit Test # 7 | 8.1  Ratios and Proportions (divide segments into given ratios | 8.2  Similar Polygons (scale factor and correspondence)  **Quiz** | 8.3  Similar Triangles |
| **Week 15 12/4 – 12/8** | **Review** | **Unit Test #8: Similarity** | 9.1  Intro to Right Triangle Trigonometry:  Pythagorean Theorem | **9.2**  SOHCAHTOA | **9.2**  SOHCAHTOA |
| **Week 16 12/11 – 12/15** | **9.3**  Modeling with  SOHCAHTOA | 9.3  Practice | **Review** | **Progress Reports**  **Unit Test #9: Right Triangle Trigonometry** | 10.1  Intro to Stats |
| **Week 17  12/18 – 12/22** | **10.2**  Measures of Central Tendency -  Standard Deviation/Variance | **10.2**  Practice | **2 hr early dismissal**  **10.3**  Independent and Dependent Events  **Quiz** | **Holiday**  **No school** | **Holiday**  **No school** |
| **Holiday Break** | | | | | |
| **Week 18  1/1 – 1/5** | **Holiday**  **No school** | **Teacher Workday**  **No School** | 10.4  Inclusive and Mutually Exclusive Events | 10.4  Practice | 10.5  Compound Probability |
| **Week 19 1/8 – 1/12** | 10.5  Practice | **Review** | **Unit Test # 10** | **Review** | **Review** |
| **Week 20 1/15 – 1/19** | **Holiday**  **No school** | **Review** | **Review** | **Review** | **Review** |