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|  | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| **Week 1 8/28 – 9/1** | **First Day for Students** | **1.1**  **The Real Number System** | **1.2**  **Simplifying**  **Radicals** | **1.3**  **Operations with and Simplifying Radicals** | **1.4**  **Quiz on Radicals Rationalizing the Denominator** |
| **Week 2 9/4-9/8** | **Holiday**  **No school** | **Test on Radicals Intro to Complex Numbers** | **1.5**  **Add & Subtract a+bi (Complex #)** | **1.6**  **Multiply & Divide a+bi (Complex #)** | **Review Radicals and Complex #**  **Intro to Functions** |
| **Week 3 9/11 – 9/15** | **Test Unit #1**  **Functions and Relations** | **2.1**  **Technology with Functions and Relations** | **2.2**  **Properties of Quadratic Functions** | **2.3**  **Factoring Quadratic Expressions** | **2.4**  **Solve Quadratics by Factoring** |
| **Week 4 9/18-9/22** | **2.5**  **Solve Quadratics using the Quadratic Formula** | **2.6**  **Using Technology to solve Quadratic Functions** | **Quiz on Quadratics**  **Intro to Modeling Quadratic Functions** | **Review Quadratics for Test Intro Properties of Polynomial Functions** | **Test Unit #2**  **Properties of Polynomials Continues** |
| **Week 5 9/25 – 9/29** | **3.1**  **Solving Polynomial Functions Using Technology** | **3.2**  **Dividing Polynomials Long Division and Synthetic Div.** | **3.3**  **Constructing Polynomial Function from Given Zeros** | **Modeling Polynomials Review for Polynomial Test**  **Progress Reports** | **4.5 Week CFA** |
| **Week 6 10/2 – 10/6** | **3.4**  **Solving Radical Equations** | **3.6**  **Solving Rational Equations** | **3.7**  **Solving Radical and Rational Equations with Technology** | **3.8**  **Finding Inverse of Functions** | **Review Radical Rational and Inverse Functions** |
| **Week 7  10/9 – 10/13** | **Test Unit # 3**  **Intro Simplifying Rational Expressions** | **4.1**  **Multiply and Divide Rational Expressions** | **4.2**  **Add and Subtract Rational Expressions** | **4.3**  **Review Rational Expression Concepts** | **4.4**  **Solving Rational Expressions Review Rational Properties** |
| **Week 8  10/16 – 10/20** | **Test Unit # 4** | **5.1**  **Arithmetic Sequences** | **5.2**  **Geometric Sequences** | **5.3**  **Arithmetic Series Summation or Sigma Notation** | **5.4**  **Geometric Series Summation or Sigma Notation** |
| **Week 9 10/23 – 10/27** | **5.5**  **Arithmetic and Geometric Series Sequence Review** | **Test Unit # 5** | **6.1**  **Parent Functions and Their Graphs** | **6.2**  **Vertex Form of Quadratic** | **6.3**  **Transforming**  **Functions** |
| **Week 10 10/30 – 11/3** | **End of 1st Quarter**  **6.4**  **Transforming Functions Continued** | **Review for Mid-Term Exam**  **9.5 Week CFA** | **Continue Review** | **2 hr early dismissal**  **Mid-Term Assessment** | **Teacher Workday**  **No School** |
| **Week 11 11/6 – 11/10** | **7.1**  **Properties of Circles** | **7.2**  **Circle Equations Finding Center and Radius** | **7.3**  **Writing Circle Equation from Given Properties** | **7.4**  **Area and Circumference of Circles** | **Holiday**  **No school** |
| **Week 12 11/13 – 11/17** | **7.5**  **Central Angles Arc Length**  **Area of Sectors** | **7.6**  **Inscribed Angles of a Circles**  **Report Cards** | **7.7**  **Chord and Circles** | **7.8**  **Segments and Circles** | **7.9**  **Tangent Lines and Circles** |
| **Week 13 11/20 – 11/24** | **Review all Circle Concepts** | **Unit Test # 7** | **Holiday**  **No school** | **Holiday**  **No school** | **Holiday**  **No school** |
| **Week 14 11/27 – 12/1** | **8.1**  **Geometric Congruency** | **8.2**  **Geometric Similarity** | **8.3**  **Mid-Segment theorem** | **8.4**  **Trigonometry Review**  **SOH CAH TOA** | **8.5**  **Trig Review Continued** |
| **Week 15 12/4 – 12/8** | **Unit Test # 8** | **9.1**  **Degrees – Radians** | **9.2**  **Standard Form of an Angle** | **9.3**  **Unit Circle in degrees and Radians** | **9.4**  **Unit Circle Continued** |
| **Week 16 12/11 – 12/15** | **9.5**  **Periodic Data Sine and Cosine** | **9.6**  **Sine and Cosine**  **Continued** | **Review degree radian concepts along with periodic functions** | **Unit Test # 9** | **10.1**  **Statistics**  **Mean**  **SD**  **Normal Model** |
| **Week 17  12/18 – 12/22** | **10.2**  **Normal Model**  **65-95-99.7**  **Rule** | **10.3**  **Using 65-95-99.7 Rule**  **Margin of Error** | **Review Statistics**  **Intro Probability** | **Holiday**  **No school** | **Holiday**  **No school** |
| **Holiday Break** | | | | | |
| **Week 18  1/1 – 1/5** | **Holiday**  **No school** | **Teacher Workday**  **No School** | **10.4**  **Simple Probability** | **10.5**  **Simple Probability**  **Continued** | **10.6**  **Probability Continued** |
| **Week 19 1/8 – 1/12** | **Review Probability** | **Unit Test # 10** | **11.1**  **Writing Logs and Exponentials** | **11.2**  **Solving Logs with Technology** | **Logs Quiz** |
| **Week 20 1/15 – 1/19** | **Holiday**  **No school** | **REVIEW** | **REVIEW** | **REVIEW** | **REVIEW** |