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|  | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| **Week 18/28 – 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 29/4-9/8** | **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 39/11 – 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 49/18-9/22** | **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 59/25 – 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 610/2 – 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 910/23 – 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 1010/30 – 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 1111/6 – 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 1211/13 – 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 1311/20 – 11/24** | **Review all Circle Concepts** | **Unit Test # 7** | **Holiday****No school** | **Holiday****No school** | **Holiday****No school** |
| **Week 1411/27 – 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 1512/4 – 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 1612/11 – 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 191/8 – 1/12** | **Review Probability** | **Unit Test # 10** | **11.1****Writing Logs and Exponentials** | **11.2****Solving Logs with Technology** | **Logs Quiz** |
| **Week 201/15 – 1/19** | **Holiday****No school** | **REVIEW** | **REVIEW** | **REVIEW** | **REVIEW** |