

Pre-AP Math Syllabus

Year	2018-2019
Required Resources	Springboard Mathematics (Online and Textbook) Khan Academy Desmos Edmentum Study Island BrainPop
Process Skills	<ul style="list-style-type: none">- Apply math in everyday situations- Use problem-solving models- Create representations- Analyze information



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<p>Syllabus 1st Semester</p>	<p>1st Nine Weeks Units 1 and 2 Number Concepts and Integers</p> <p>Week 1-3 Unit 1 Activity 1-Unit 1 Assessment 2 (Whole Numbers and Decimals; Prime Factorization and Exponents; Greatest Common Factor and Least Common Multiple)</p> <p>Week 4-6 Unit 1 Activity 4-Unit 1 Assessment 3 (Fractions and Mixed Numbers; Multiplying Fractions and Mixed Numbers; Dividing Fractions and Mixed Numbers)</p> <p>Week 7-9 Unit 2 Activity 7-Unit 2 Assessment 2 (Introduction to Integers; Adding and Subtracting Integers; Coordinate Plane; Multiplying and Dividing Integers)</p> <p>2nd Nine Weeks Unit 3 and 4 Expressions and Equations and Ratios</p> <p>Week 1-3 Unit 3 Activity 11 – Unit 3 Assessment 1 (Expressions; Equations)</p> <p>Week 3-6 Unit 3 Activity 13 – Unit 3 Assessment 2 (Solving Addition and Subtraction Equations; Solving Multiplication and Division Equations; Expressions and Equations)</p> <p>Week 6-9 Unit 4 Activity 17 – Unit 4 Assessment 1 (Understanding Ratios; Reasoning with Ratios; Rates and Unit Rates)</p> <p><u>Midterm</u></p>
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<p>Syllabus 2nd Semester</p>	<p>3rd Nine Weeks Unit 4 and 5 Percents and Geometric Concepts</p> <p>Week 1-3 Unit 4 Activity 20 – Unit 4 Assessment 2 (Using Models to Understand Percents; Applying Percents)</p> <p>Week 4-6 Unit 5 Activity 22 – Unit 5 Assessment 1 (Angles and Triangles; Area and Perimeter of Polygons; Polygons on the Coordinate Plane)</p> <p>Week 7-9 Unit 5 Activity 25 – Unit 5 Assessment 2 (Nets and Surface Area; Volume)</p> <p>4th Nine Weeks Unit 6 and 7 Data Analysis and Personal Financial Literacy</p> <p>Week 1-4 Unit 6 Activity 27 – Unit 6 Activity 29 Summarizing Data Graphically; Measures of Center; Measures of Variability)</p> <p>Week 5-9 Unit 6 Activity 27 – Unit 7 Activity 31 (Summarizing Numerical Data Graphically; Using Financial Services)</p> <p><u>Final Exam</u></p>
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