

## Secondary Mathematics Curriculum and Instruction Overview

Use the link below to go directly to that course:

Middle School	High School
<ul style="list-style-type: none"> <li>❖ <a href="#">Math 6 (IM)</a></li> <li>❖ <a href="#">Applied Investigations in Mathematics (C2.0)</a></li> <li>❖ <a href="#">Accelerated Math 6+ (IM)</a></li> <li>❖ <a href="#">Math 7 (IM)</a></li> <li>❖ <a href="#">Accelerated Math 7+ (IM)</a></li> <li>❖ <a href="#">Math 8 (IM)</a></li> </ul>	<ul style="list-style-type: none"> <li>❖ <a href="#">Algebra 1 (IM)</a></li> <li>❖ <a href="#">Geometry (IM)</a></li> <li>❖ <a href="#">Algebra 2 (C2.0)</a></li> <li>❖ <a href="#">PreCalculus (C2.0)</a></li> <li>❖ <a href="#">Statistics and Math Modeling</a></li> <li>❖ <a href="#">Honors Statistics</a></li> </ul>

\*IM denotes the curriculum resource is Illustrative Mathematics. Illustrative Math also provides [Lesson Summary Videos](#).

\*\*C2.0 denotes the curriculum resource is MCPS Curriculum

Math 6		
Marking Period	Unit	Learning Targets
MP 1	1 - Area and Surface Area <ul style="list-style-type: none"> <li>● Reasoning to Find Area</li> <li>● Parallelograms</li> <li>● Triangles</li> <li>● Polygons</li> <li>● Surface Area</li> <li>● Squares and Cubes</li> </ul>	<a href="#">Unit 1 - Learning Targets</a>
	2 - Introducing Ratios	<a href="#">Unit 2 - Learning Targets</a>

	<ul style="list-style-type: none"> <li>● What are Ratios?</li> <li>● Equivalent Ratios</li> <li>● Representing Equivalent Ratios</li> <li>● Solving Ratio and Rate Problems</li> <li>● Part-Part-Whole Ratios</li> </ul>	
MP 2	3 - Unit Rates and Percentages <ul style="list-style-type: none"> <li>● Units of Measurement</li> <li>● Unit Conversion</li> <li>● Rates</li> <li>● Percentages</li> </ul>	<a href="#">Unit 3 - Learning Targets</a>
	4 - Dividing Fractions <ul style="list-style-type: none"> <li>● Making Sense of Division</li> <li>● Meanings of Fraction Division</li> <li>● Algorithm for Fraction Division</li> <li>● Fractions in Lengths, Areas, and Volumes</li> </ul>	<a href="#">Unit 4 - Learning Targets</a>
MP 3	5 - Arithmetic in Base Ten <ul style="list-style-type: none"> <li>● Warming Up to Decimals</li> <li>● Adding and Subtracting Decimals</li> <li>● Multiplying Decimals</li> <li>● Dividing Decimals</li> </ul>	<a href="#">Unit 5 - Learning Targets</a>
	6 - Expressions and Equations <ul style="list-style-type: none"> <li>● Equations in One Variable</li> <li>● Equal and Equivalent</li> <li>● Expressions with Exponents</li> <li>● Relationships Between Quantities</li> </ul>	<a href="#">Unit 6 - Learning Targets</a>
MP 4	7 - Rational Numbers <ul style="list-style-type: none"> <li>● Negative Numbers and Absolute Value</li> </ul>	<a href="#">Unit 7 - Learning Targets</a>

	<ul style="list-style-type: none"> <li>• Inequalities</li> <li>• The Coordinate Plane</li> <li>• Common Factors and Common Multiples</li> </ul>	
	<p>8 - Data Sets and Distributions</p> <ul style="list-style-type: none"> <li>• Data, Variability, and Statistical Questions</li> <li>• Dot Plots and Histograms</li> <li>• Mean and MAD</li> <li>• Median and IQR</li> </ul>	<a href="#">Unit 8 - Learning Targets</a>

Investigations into Mathematics (C2.0 AIM)		
Marking Period	Unit	Learning Targets
MP 1	1 - Ratios and Proportional Relationships <ul style="list-style-type: none"> <li>• Understanding Proportional Relationships</li> <li>• Application of Proportional Relationships</li> </ul>	<a href="#">Unit 1 - Learning Targets</a>
	2 - Rational Number Operations <ul style="list-style-type: none"> <li>• Building Understanding of Rational Number Operations</li> </ul>	<a href="#">Unit 2 - Learning Targets</a>
MP 2	2 - Rational Number Operations <ul style="list-style-type: none"> <li>• Integrating Rational Number Operation in Expressions and Equations</li> </ul>	
	3 - Expressing Geometric Relationships <ul style="list-style-type: none"> <li>• Measurement in Two and Three Dimensions</li> <li>• Angle Relationships</li> </ul>	
MP 3	4 - Statistics and Probability <ul style="list-style-type: none"> <li>• Chance Events and Probability Models</li> <li>• Random Sampling</li> </ul>	<a href="#">Unit 4 - Learning Targets</a>

	5 - The Real Number Systems <ul style="list-style-type: none"> <li>● Magnitude and Scientific Notation</li> <li>● Rational and Irrational Numbers</li> </ul>	<a href="#">Unit 5 - Learning Targets</a>
	6 - Functional Relationships and Linear Equations <ul style="list-style-type: none"> <li>● Connecting Proportional Relationships to Linear Equations</li> </ul>	<a href="#">Unit 6 - Learning Targets</a>
MP 4	6 - Functional Relationships and Linear Equations <ul style="list-style-type: none"> <li>● Solving Linear Equations</li> </ul>	
	7 - Transformational and Geometric Measurement <ul style="list-style-type: none"> <li>● Congruence Through Rigid Transformations</li> <li>● Similarity Through Non-Rigid Transformations</li> </ul>	<a href="#">Unit 7 - Learning Targets</a>

Acceleration Math 6+ (Acc6+)		
Marking Period	Unit	Learning Targets
MP 1	1 - Areas <ul style="list-style-type: none"> <li>● Reasoning to Find Area</li> <li>● Parallelograms</li> <li>● Triangles</li> <li>● Surface Area</li> </ul>	<a href="#">Unit 1 - Learning Targets</a>
	2 - Ratios, Rates, and Percentages <ul style="list-style-type: none"> <li>● What are Ratios?</li> <li>● Representing Equivalent Ratios</li> <li>● Rates</li> </ul>	<a href="#">Unit 2 - Learning Targets</a>
MP 2	2 - Rations, Rates, and Percentages <ul style="list-style-type: none"> <li>● Percentages</li> </ul>	

	<p>3 - Fractions and Decimals</p> <ul style="list-style-type: none"> <li>● Making Sense of Division</li> <li>● Dividing Fractions</li> <li>● Fractions in Lengths, Area, and Volumes</li> <li>● Warming Up to Decimals</li> <li>● Dividing Decimals</li> </ul>	<p><a href="#">Unit 3 - Learning Targets</a></p>
	<p>4 - Equations and Expressions</p> <ul style="list-style-type: none"> <li>● Equations in One Variable</li> </ul>	
MP 3	<p>4 - Equations and Expressions</p> <ul style="list-style-type: none"> <li>● Equal and Equivalent</li> <li>● Expressions with Exponents</li> <li>● Relationships Between Quantities</li> </ul>	<p><a href="#">Unit 4 - Learning Targets</a></p>
	<p>5 - Proportional Relationships</p> <ul style="list-style-type: none"> <li>● Representing Proportional Relationships with Equations</li> <li>● Comparing Proportional and Nonproportional Relationships</li> <li>● Representing Proportional Relationships with Graphs</li> <li>● Circumference of a Circle</li> <li>● Area of Circle</li> </ul>	<p><a href="#">Unit 5 - Learning Targets</a></p>
	<p>6 - Percentage Increase and Decrease</p> <ul style="list-style-type: none"> <li>● Proportional Relationships with Fractions</li> <li>● Percent Increase and Decrease</li> </ul>	<p><a href="#">Unit 6 - Learning Targets</a></p>
MP 4	<p>6 - Percentage Increase and Decrease</p> <ul style="list-style-type: none"> <li>● Applying Percentages</li> </ul>	
MP 4	<p>7 - Rational Numbers</p> <ul style="list-style-type: none"> <li>● Negative Numbers and Absolute Value</li> <li>● Adding and Subtracting Rational Numbers</li> </ul>	<p><a href="#">Unit 7 - Learning Targets</a></p>

	<ul style="list-style-type: none"> <li>• The Coordinate Plane</li> <li>• Multiplying and Dividing Rational Numbers</li> <li>• Equations with Rational Numbers</li> </ul>	
	<p>8 - Data Sets and Distributions</p> <ul style="list-style-type: none"> <li>• Dot Plots and Histograms</li> <li>• Measures of Center and Variability</li> <li>• Sampling</li> <li>• Probabilities of Single-Step Events</li> </ul>	<a href="#">Unit 8 - Learning Targets</a>

Math 7		
Marking Period	Unit	Learning Targets
MP 1	<p>1 - Scale Drawings</p> <ul style="list-style-type: none"> <li>• Scaled Copies</li> <li>• Scale Drawings</li> </ul>	<a href="#">Unit 1 - Learning Targets</a>
	<p>2 - Introducing Proportional Relationships</p> <ul style="list-style-type: none"> <li>• Representing Proportional Relationships with Tables</li> <li>• Representing Proportional Relationships with Equations</li> <li>• Comparing Proportional Relationships with Nonproportional Relationships.</li> <li>• Representing Proportional Relationships with Graphs</li> </ul>	<a href="#">Unit 2 - Learning Targets</a>
MP 2	<p>3 - Measuring Circles</p> <ul style="list-style-type: none"> <li>• Circumference of a Circle</li> <li>• Area of a Circle</li> </ul>	<a href="#">Unit 3 - Learning Targets</a>
	<p>4 - Proportional Relationships and Percentages</p> <ul style="list-style-type: none"> <li>• Proportional Relationships with Fractions</li> <li>• Percent Increase and Decrease</li> </ul>	<a href="#">Unit 4 - Learning Targets</a>

	<ul style="list-style-type: none"> <li>● Applying Percentages</li> </ul>	
	5 - Rational Number Arithmetic <ul style="list-style-type: none"> <li>● Interpreting Negative Numbers</li> <li>● Adding and Subtracting Rational Numbers</li> <li>● Multiplying and Dividing Rational Numbers</li> <li>● Four Operations with Rational Numbers</li> <li>● Solving Equations When There Are Negative Numbers</li> </ul>	<a href="#">Unit 5 - Learning Targets</a>
MP 3	6 - Expressions, Equations and Inequalities <ul style="list-style-type: none"> <li>● Representing Situations of the Form <math>px+q=r</math> and <math>p(x+q)=r</math></li> <li>● Solving Equations of the Form <math>px+q=r</math> and <math>p(x+q)=r</math> and Problems That Lead to Those Equations</li> <li>● Inequalities</li> <li>● Writing Equivalent Expressions</li> </ul>	<a href="#">Unit 6 - Learning Targets</a>
	7 - Angles, Triangles and Prisms <ul style="list-style-type: none"> <li>● Angle Relationships</li> <li>● Drawing Polygons with Given Conditions</li> <li>● Solid Geometry</li> </ul>	<a href="#">Unit 7 - Learning Targets</a>
MP 4	8 - Probability and Sampling <ul style="list-style-type: none"> <li>● Probability of Single-Step Events</li> <li>● Probability of Multi-step Events</li> <li>● Sampling</li> <li>● Using Samples</li> </ul>	<a href="#">Unit 8 - Learning Targets</a>
	9 - Putting It All Together	N/A

<b>Acceleration Math 7+ (Acc7+)</b>		
Marking Period	Unit	Learning Targets

MP 1	1- Rigid Transformations and Congruence <ul style="list-style-type: none"> <li>● Rigid Transformations</li> <li>● Properties of Rigid Transformations</li> <li>● Congruence</li> <li>● Angles in a Triangle</li> <li>● Drawing Polygons with Given Conditions</li> </ul>	<a href="#">Unit 1 - Learning Targets</a>
	2 - Scale Drawings, Similarity, and Slope <ul style="list-style-type: none"> <li>● Scaled Copies</li> <li>● Scale Drawings</li> <li>● Dilation</li> </ul>	<a href="#">Unit 2 - Learning Targets</a>
MP 2	2 - Scale Drawings, Similarity, and Slope <ul style="list-style-type: none"> <li>● Similarity</li> <li>● Slope</li> </ul>	
	3 - Writing and Solving Equations <ul style="list-style-type: none"> <li>● Representing Situations of the Form <math>px+q=r</math> and <math>p(x+q)=r</math></li> <li>● Solving Equations of the Form <math>px+q=r</math> and <math>p(x+q)=r</math> and Problems That Lead to Those Equations</li> </ul>	
	4 - Inequalities, Expressions, and Equations <ul style="list-style-type: none"> <li>● Inequalities</li> <li>● Writing Equivalent Expressions</li> <li>● Equations in One Variable</li> </ul>	<a href="#">Unit 4 - Learning Targets</a>
MP 3	5 - Linear Relationships <ul style="list-style-type: none"> <li>● Proportional Relationships</li> <li>● Representing Linear Relationships</li> <li>● Finding Slopes and Linear Equations</li> <li>● Systems of Linear Equations</li> <li>● Associations in Numerical Data</li> </ul>	<a href="#">Unit 5 - Learning Targets</a>

	<ul style="list-style-type: none"> <li>• Associations in Categorical Data</li> </ul>	
	6 - Functions and Volume <ul style="list-style-type: none"> <li>• Inputs and Outputs</li> <li>• Representing and Interpreting Functions</li> <li>• Linear Functions and Rates of Change</li> </ul>	<a href="#">Unit 6 - Learning Targets</a>
MP4	6 - Functions and Volume <ul style="list-style-type: none"> <li>• Prisms, Cylinders, and Cones</li> <li>• Dimensions and Spheres</li> </ul>	
	7 - Exponents and Scientific Notation <ul style="list-style-type: none"> <li>• Exponents Review</li> <li>• Exponents Rules</li> <li>• Scientific Notation</li> </ul>	<a href="#">Unit 7 - Learning Targets</a>
	8 - Pythagorean Theorem and Irrational Numbers <ul style="list-style-type: none"> <li>• Side Lengths and Areas of Squares</li> <li>• The Pythagorean Theorem</li> <li>• Decimal Representation of Rational and Irrational Numbers</li> </ul>	<a href="#">Unit 8 - Learning Targets</a>

Math 8		
Marking Period	Unit	Learning Targets
MP1	1 - Rigid Transformations and Congruence <ul style="list-style-type: none"> <li>• Rigid Transformations</li> <li>• Properties of Rigid Transformations</li> <li>• Congruence</li> <li>• Angles in a Triangle</li> </ul>	<a href="#">Unit 1 - Learning Targets</a>

	2 - Dilations, Similarity and Introducing Slope <ul style="list-style-type: none"> <li>● Dilations</li> <li>● Similarity</li> <li>● Slope</li> </ul>	<a href="#">Unit 2 - Learning Targets</a>
MP 2	3 - Linear Relationships <ul style="list-style-type: none"> <li>● Proportional Relationships</li> <li>● Representing Linear Relationships</li> <li>● Finding Slopes</li> <li>● Linear Equations</li> </ul>	<a href="#">Unit 3 - Learning Targets</a>
	4 - Linear Equations and Linear Systems <ul style="list-style-type: none"> <li>● Puzzle Problems</li> <li>● Linear Equations in One Variable</li> <li>● Systems of Linear Equations</li> </ul>	<a href="#">Unit 4 - Learning Targets</a>
MP 3	5 - Functions and Volume <ul style="list-style-type: none"> <li>● Inputs and Outputs</li> <li>● Representing and Interpreting Functions</li> <li>● Linear Functions and Rates of Change</li> <li>● Cylinders and Cones</li> <li>● Dimensions and Spheres</li> </ul>	<a href="#">Unit 5 - Learning Targets</a>
	7 - Exponents and Scientific Notation <ul style="list-style-type: none"> <li>● Exponent Review</li> <li>● Exponent Rules</li> <li>● Scientific Notation</li> </ul>	<a href="#">Unit 7 - Learning Targets</a>
MP 4	8 - Pythagorean Theorem and Irrational Numbers <ul style="list-style-type: none"> <li>● Side Lengths and Areas of Squares</li> <li>● The Pythagorean Theorem</li> <li>● Side Lengths and Volumes of Cubes</li> </ul>	<a href="#">Unit 8 - Learning Targets</a>

	<ul style="list-style-type: none"> <li>• Decimal Representation of Rational and Irrational Numbers</li> </ul>	
	<p>6 - Associations in Data</p> <ul style="list-style-type: none"> <li>• Does This Predict That?</li> <li>• Associations in Numerical Data</li> <li>• Associations in Categorical Data</li> </ul>	<a href="#">Unit 6 - Learning Targets</a>

IM Algebra I		
Marking Period	Unit	Learning Targets
MP 1	<p>2 - Linear Equations, Inequalities and Systems</p> <ul style="list-style-type: none"> <li>• Writing and Modeling with Equations</li> <li>• Manipulating Equations and Understanding Their Structure</li> <li>• Systems of Linear Equations in Two Variables</li> <li>• Linear Inequalities in One Variable</li> <li>• Linear Inequalities in Two Variables</li> <li>• Systems of Linear Inequalities in Two Variables</li> </ul>	<a href="#">Unit 2 - Learning Targets</a>
	<p>4 - Functions</p> <ul style="list-style-type: none"> <li>• Functions and Their Representations</li> <li>• Analyzing and Creating Graphs of Functions</li> <li>• A Closer Look at Inputs and Outputs</li> <li>• Inverse Functions</li> </ul>	<a href="#">Unit 4 - Learning Targets</a>
MP 2	<p>5 - Introduction to Exponential Functions</p> <ul style="list-style-type: none"> <li>• Looking at Growth</li> <li>• A New Kind of Relationship</li> </ul>	<a href="#">Unit 5 - Learning Targets</a>

	<ul style="list-style-type: none"> <li>● Exponential Functions</li> <li>● Percent Growth and Decay</li> <li>● Comparing Linear and Exponential Functions</li> </ul>	
MP 3	6 - Introduction to Quadratic Functions <ul style="list-style-type: none"> <li>● A Different Kind of Change</li> <li>● Quadratic Functions</li> <li>● Working with Quadratic Expressions</li> <li>● Features of Graphs and Quadratic Functions</li> </ul>	<a href="#">Unit 6 - Learning Targets</a>
	7 - Quadratic Equations <ul style="list-style-type: none"> <li>● Finding Unknown Inputs</li> <li>● Solving Quadratic Equations</li> <li>● Completing the Square</li> <li>● The Quadratic Formula</li> <li>● Vertex Form Revisited</li> </ul>	<a href="#">Unit 7 - Learning Targets</a>
MP 4	1 - One-Variable Statistics <ul style="list-style-type: none"> <li>● Getting to Know You</li> <li>● Distribution of Shapes</li> <li>● How to Use Spreadsheets</li> <li>● Manipulating Data</li> <li>● Analyzing Data</li> </ul>	<a href="#">Unit 1 - Learning Targets</a>
	3 - Two-Variable Statistics <ul style="list-style-type: none"> <li>● Two-way Tables</li> <li>● Scatterplots</li> <li>● Correlation Coefficients</li> <li>● Estimating Lengths</li> </ul>	<a href="#">Unit 3 - Learning Targets</a>
*Please note that the Algebra I units will not follow the traditional sequential order. Instead, it will follow 2, 4, 5, 6, 7, 1, 3.		

IM Geometry		
Marking Period	Unit	Learning Targets
MP1	1 - Congruence and Rigid Transformations <ul style="list-style-type: none"> <li>● Constructions</li> <li>● Rigid Transformations</li> <li>● Evidence &amp; Proof</li> <li>● Designs</li> </ul>	<a href="#">Unit 1 - Learning Targets</a>
	2 - Congruence <ul style="list-style-type: none"> <li>● Congruent Triangles</li> <li>● About Quadrilaterals</li> <li>● Putting it All Together</li> </ul>	<a href="#">Unit 2 - Learning Targets</a>
MP2	3 - Similarity <ul style="list-style-type: none"> <li>● Properties of Dilations</li> <li>● Similarity Transformations and Proportional Reasoning</li> <li>● Similarity in Right Triangles</li> <li>● Putting it All Together</li> </ul>	<a href="#">Unit 3 - Learning Targets</a>
	4 - Right Triangle Trigonometry <ul style="list-style-type: none"> <li>● Angles and Steepness</li> <li>● Trigonometric Ratios</li> </ul>	<a href="#">Unit 4 - Learning Targets</a>
MP3	5 - Solid Geometry <ul style="list-style-type: none"> <li>● Cross-Sections, Scaling, and Area</li> <li>● Scaling Solids</li> <li>● Prism &amp; Cylinder Volumes</li> <li>● Putting it All Together</li> </ul>	<a href="#">Unit 5 - Learning Targets</a>
	6 - Coordinate Geometry	<a href="#">Unit 6 - Learning Targets</a>

	<ul style="list-style-type: none"> <li>• Transformations in the Plane</li> <li>• Distances, Circles &amp; Parabolas</li> <li>• Proving Theorems Algebraically</li> <li>• Putting it All Together</li> </ul>	
	7 - Circles <ul style="list-style-type: none"> <li>• Lines, Angles &amp; Circles</li> <li>• Polygons &amp; Circles</li> <li>• Measuring Circles</li> <li>• Putting it All Together</li> </ul>	<a href="#">Unit 7 - Learning Targets</a>
	8 - Conditional Probability (optional)	<a href="#">Unit 8 - Learning Targets</a>

C2.0 Algebra 2		
Marking Period	Unit	Learning Targets
MP 1	1 - Functions and Their Inverses <ul style="list-style-type: none"> <li>• Inverse Relationships</li> <li>• Radical Expressions and Equations</li> <li>• Exponential and Logarithmic Expressions, Equations, &amp; Functions</li> </ul>	<a href="#">Unit 1 - Learning Targets</a>
MP 2	2 - Polynomials and Rational Functions <ul style="list-style-type: none"> <li>• Quadratic Expressions &amp; Equations</li> <li>• Polynomial Expressions &amp; Equations</li> <li>• Rational Expressions &amp; Equations</li> </ul>	<a href="#">Unit 2 - Learning Targets</a>
MP 3	3 - Introduction to Trigonometric Functions <ul style="list-style-type: none"> <li>• Modeling Circular Motion</li> <li>• Graphing Trigonometric Functions</li> </ul>	<a href="#">Unit 3 - Learning Targets</a>

MP 4	4 - Modeling with Functions <ul style="list-style-type: none"> <li>• The Modeling Cycle</li> </ul>	<a href="#">Unit 4 - Learning Targets</a>
	5 - Applications of Probability <ul style="list-style-type: none"> <li>• Conditional Probability and the Rules of Probability</li> </ul>	<a href="#">Unit 5 - Learning Targets</a>
	6 - Inferences and Conclusions from Data (optional for Algebra 2, Honors Algebra 2) <ul style="list-style-type: none"> <li>• Normal Models</li> <li>• Sample Surveys, Experiments, and Observational Studies</li> </ul>	<a href="#">Unit 6 - Learning Targets</a>

C2.0 PreCalculus		
Marking Period	Unit	Learning Targets
MP 1	1 - Polynomials, Power, and Rational Function <ul style="list-style-type: none"> <li>• Piecewise-Defined Functions/Composition of Functions/<i>Limits (H)</i></li> <li>• Power Functions</li> <li>• Graphs of Rational Functions Extended</li> <li>• The Algebra of Rational Expressions/Equations/Inequalities/<i>Partial Fractions (H)</i></li> </ul>	<a href="#">Unit 1 - Learning Targets</a>
MP 2	2 - Exponential and Logarithmic Functions <ul style="list-style-type: none"> <li>• Extensions of any Base/Laws of Logarithms/Change of Base</li> <li>• Solving Exponential and Logarithmic Equations</li> </ul>	<a href="#">Unit 2 - Learning Targets</a>
	3 - Trigonometric Functions <ul style="list-style-type: none"> <li>• Special Angles and REcipocal Trigonometric Functions</li> </ul>	<a href="#">Unit 3 - Learning Targets</a>
MP 3		

	<ul style="list-style-type: none"> <li>● Inverse Trigonometric Functions</li> <li>● Trigonometric Identities and Equations</li> <li>● Laws of Sines and Cosines</li> </ul>	
	<p>4 - Vectors and Parametrics</p> <ul style="list-style-type: none"> <li>● The Algebra of Vectors</li> </ul> <p>4- Vectors and Parametrics, and Polars (Honors)</p> <ul style="list-style-type: none"> <li>● The Algebra of Vectors</li> <li>● Parametrically-Defined Functions/<i>Vector-Valued Functions (Honors)</i></li> </ul>	<a href="#">Unit 4 - Learning Targets</a>
MP4	<p>4 - Vectors and Parametrics</p> <ul style="list-style-type: none"> <li>● Parametrically-Defined Functions</li> </ul> <p>4 - Vectors and Parametrics (Honors)</p> <ul style="list-style-type: none"> <li>● <i>Polar Curves/Complex Numbers in Polar Form (H)</i></li> </ul>	
	<p>5 - Systems and Matrices</p> <ul style="list-style-type: none"> <li>● The Algebra of Matrices</li> </ul>	<a href="#">Unit 5 - Learning Targets</a>
	<p>6 - Discrete Math</p> <ul style="list-style-type: none"> <li>● Combinatorics/Binomial Theorem</li> <li>● Sequences and Series</li> </ul>	<a href="#">Unit 6 - Learning Targets</a>
	<p>7 - Analytic Geometry in Three Dimensions (Optional - Honors)</p>	<a href="#">Unit 7 - Learning Targets</a>

Statistics & Mathematical Modeling		
Marking Period	Unit	Learning Targets
MP1	<p>1 - Logic</p> <p>2 - Matrices</p>	<a href="#">Learning Targets</a>

	3 - Mathematical Decisions	
MP2	4 - Data Displays 5 - Comparing Data Displays 6 - Regression	
MP3	7 - Probability 8 - Conditional Probability 9 - Discrete Probability	
MP4	10 - Functions 11 - Trigonometry 12 - Ready for more?	

Honors Statistics		
Marking Period	Chapter	Learning Targets
MP1	1 - Analyzing One-Variable Data <ul style="list-style-type: none"> <li>● Constructing and Interpreting Graphical Displays</li> <li>● Summarizing Distributions of Univariate Data</li> </ul>	<a href="#">Learning Targets</a>
	3 - Collecting Data <ul style="list-style-type: none"> <li>● Sampling and Surveys</li> <li>● Observational Studies and Experiments</li> </ul>	
	4 - Probability <ul style="list-style-type: none"> <li>● Introduction to Probability</li> <li>● Probability Rules and the Counting Principle</li> </ul>	
MP2	5 - Random Variables	

	<ul style="list-style-type: none"> <li>• Discrete Random Variables</li> <li>• Continuous Random Variables</li> </ul>	
	<p>6 - Sampling Distributions</p> <ul style="list-style-type: none"> <li>• Understanding Sampling Distributions</li> <li>• Estimating Proportions and Means</li> </ul>	
MP3	<p>7 - Estimating a Parameter</p> <ul style="list-style-type: none"> <li>• Confidence Intervals for Proportions</li> <li>• Confidence Intervals for Means</li> </ul>	
	<p>8 - Testing a Claim</p>	
MP4	<p>10 - Inference for Distributions and Relationships</p>	
	<p>2 - Analyzing Two-Variable Data</p> <ul style="list-style-type: none"> <li>• Exploring Bi-variate Data</li> <li>• Creating and Analyzing Regression Models</li> </ul>	