



Math 8 Syllabus

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In Grade 8, instructional time is focused on three critical areas: (1) formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation, and solving linear equations and systems of linear equations; (2) grasping the concept of a function and using functions to describe quantitative relationships; (3) analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying the Pythagorean Theorem

Topics Covered <ul style="list-style-type: none"> • Geometric Transformations • Linear Equations and Meaning • Systems of Linear Equations • Functions • Data Analysis • Pythagorean Theorem • Exponents and Scientific Notation • Volume 	Wish List (for the classroom) <ul style="list-style-type: none"> • Tissues • Disinfecting wipes • Expo markers • Whiteboard erasers • Graph paper • Zip lock bags • Index cards
<p align="center">Classroom Supplies Needed</p> <p align="center">Math Folder: To hold warm up, foldables, other handouts</p> <p align="center">Paper (loose Leaf or spiral)</p> <p align="center">Pencil, Pencil, Pencil</p>	<p>Retest Policy: Students who score below 70% on a standards-based assessment will be given an opportunity to retest after completing remediation. Students who score above 70% may also choose to retest in order to improve their score. All reassessments must be completed by the end of the quarter in which the initial assessment was given.</p>
<p>Assignment Weights per Quarter</p> <p>Assessments: 70% Test, Quizzes</p> <p>Assignments: 30% HW, CW, Warm Up, Daily class assignments</p>	<p>LATE ASSIGNMENT POLICY:</p> <p>For every week a classwork or homework assignment is late, the student will receive a 10 point reduction to the final grade of the assignment. Students can lose up to 50% of the overall grade for major assessments (projects, tests, etc.) completed late prior to the end of the marking period.</p>
<p>Resources Used:</p> <p>Google Classroom (Learning Management System)</p> <p>Desmos (Activities and Graphing Calculator)</p> <p>IXL: Reading and Math</p> <p>i Ready Instructional</p> <p>i Ready My Path (Remediation geared towards each students individual needs)</p>	<p>Google Classroom Codes</p> <p>Math 1 vef26vmn</p> <p>Math 8 (2nd) 556mbd3j</p> <p>Math 8 (3rd) 4jxu6lbd</p> <p>Math 8 (4th) z6mehino</p>