

8th Grade Algebra Syllabus

Teacher: Mrs. Voss

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- **Course Description:** In 8th grade math, we will cover a variety of topics including algebra, geometry, and statistics and probability.
- **Course Textbook:** Houghton Mifflin Harcourt: *Holt McDougal Go Math! Minnesota*
- **Course Websites:**
 - **Google Classroom:**
 - Course Code:
 - **GoMath:**
 - Website: go.hrw.com
 - Username:
 - Password:
 - **IXL:**
 - Website: www.ixl.com
 - Username:
 - Password:
- **Course Outline:**
 - **Unit 1: Real Numbers, Exponents, and Scientific Notation**
 - Module 1: Real Numbers
 - Module 2: Exponents and Scientific Notation
 - **Unit 2: Proportional and Nonproportional Relationships and Functions**
 - Module 3: Proportional Relationships
 - Module 4: Nonproportional Relationships
 - Module 5: Writing Linear Equations
 - Module 6: Functions
 - **Unit 3: Solving Equations and Systems of Equations**
 - Module 7: Solving Linear Equations
 - Module 8: Solving Systems of Linear Equations
 - **Unit 4: Transformational Geometry**
 - Module 9: Transformations and Congruence
 - Module 10: Transformations and Similarity
 - **Unit 5: Measurement Geometry**
 - Module 11: Angles Relationships in Parallel Lines and Triangles

- Module 12: The Pythagorean Theorem
 - Module 13: Volume
 - **Unit 6: Statistics**
 - Module 14: Scatter Plots
 - Module 15: Two-Way Tables
- **Grades:**
 - **Middle School Grading Scale (below)**
 - **Students will be graded in a variety of ways which include:**
 - **Test/quizzes**
 - Tests will be given at the end of each Module.
 - Quizzes will be given sporadically throughout each Module.
 - **Daily Assignments/Homework**
 - Assignments will be given on a daily basis
 - Class time will be given to work on assignments.
 - If a student doesn't complete an assignment in class it will be due the following day unless otherwise specified.
 - Students will be docked points for late work.
 - **Participation/Daily Points**
 - Students will start the week with 10 points.
 - Points will be lost if a student fails to meet the PRIDE expectations (stated below) in my classroom for the day.
 - **Grades will be based off total points (no weights).**
 - **Grades can be accessed on Infinite Campus and will be posted at a minimum of once a week (Fridays).**

A	95 - 100	C	73 - 76.9
A -	90 - 94.9	C -	70 - 72.9
B +	87 - 89.9	D +	67 - 69.9
B	83 - 86.9	D	63 - 66.9
B -	80 - 82.9	D -	60 - 62.9
C +	77 - 79.9	F	0 - 59.9

- Mrs. Voss' Classroom PRIDE Expectations:

<p>Preparation</p>	<ul style="list-style-type: none"> • Arrive on time to class. • Be in your seat when the bell rings. • Bring all necessary materials to class. • Have all unnecessary materials put away when the bell rings. • Be prepared to listen and learn.
<p>Respect</p>	<ul style="list-style-type: none"> • Be respectful and polite to others. • Respect classroom space and materials. <ul style="list-style-type: none"> ○ No food. ○ Water only. • Use appropriate language. • Listen while others are speaking. • Keep cell phones put away. • Use please and thank you.
<p>Integrity</p>	<ul style="list-style-type: none"> • Do your own work. <ul style="list-style-type: none"> ○ Cheating will result in a zero. • Take pride in your work. <ul style="list-style-type: none"> ○ Be neat and thorough. • Be organized. <ul style="list-style-type: none"> ○ Notebooks, folders.
<p>Determination</p>	<ul style="list-style-type: none"> • Take notes when necessary. • Stay on task. • Complete assignments in a timely manner. • Get work ahead of time if you know you will be absent. • Do your best.
<p>Enthusiasm</p>	<ul style="list-style-type: none"> • Be actively involved. • Smile and have a positive attitude. • Be open to new ideas.