

Syllabus for Math and Algebra 2020 - 2021

Hello All!

Welcome back! We will again be using the online Holt McDougal Math series of textbooks except for Algebra in which case we will use hardcover textbooks. Each student will be able to access the math textbook online as well as have a softcover workbook. Students will also be given online work through Google Classroom.

6th GRADE MATH CURRICULUM: Holt McDougal Math 6, Common Core Online Edition. This course will focus on the following areas: Number Properties, Expressions and Equations, Number Theory, Fractions and Operations, Ratios and Percents, Integers and Rational Numbers, The Coordinate Plane, Geometry and Measurement and finally Data and Graphs.

7th GRADE MATH CURRICULUM: Holt McDougal Math 7, Common Core Online Edition. This course will focus on the following areas: Geometry and Area, Surface Area and Volume, Analyzing Data and Probability. Integers and Rational Numbers, Equations, Inequalities, Ratios, Rates and Proportions, Percents and Graphing.

8th GRADE MATH CURRICULUM: Holt McDougal Math 8, Common Core Online Edition *and new hardcover textbooks!*

This course will focus on the following areas: Geometry and Measurement, Real Numbers and the Coordinate Plane, Exponential Roots, Solving Linear Equations, Intro to Functions, Graphing Functions, Systems of Linear Equations, Use of graphing calculators to graph linear equations and lastly, Data Analysis.

ALGEBRA 1 CURRICULUM: Holt McDougal Algebra 1 Common Core 2012 Edition hardcover. This course will focus on the following areas: Equations and Formulas, Inequalities, Graphing Relationships and Functions, Linear Functions, System of Equations and Inequalities, Exponents, Factoring Polynomials, Quadratic Functions, Exponential Functions, Use of graphing calculators to graph linear equations, quadratic functions and exponential functions, Data Distribution and Probability.

Please go to link to see the specific skills of the Common Core Standards for each grade:
<http://www.corestandards.org/the-standards/mathematics/>

Our math classes will be implementing *Differentiated Learning Techniques* by providing a variety of ways for the students to interact with materials and technology as well as foster collaboration and communication among students both in class and online.

GRADING POLICY

TESTS	40%
QUIZZES/PROJECTS	30%
CLASS WORK/HOMEWORK	20%
Skills review	10%

Homework will be assigned every night and weekends. Some homework assignments will be checked for completion only, while others will be carried over classwork assignments, which are graded. Both are posted on PowerSchool. All late classwork assignments and projects will result in an automatic 10 points off and must be handed in the following day, otherwise it will not be accepted and it will be recorded as a 55% on PowerSchool. If you are absent you will need to make up any missed assignment. You will need to copy notes or ask me for a copy if you were absent when they were taken in class.

You will be required to take and keep *written* notes. All notes are to be kept in your binder. All homework assignments and notes will be posted in CLASSROOM FOR EACH GRADE. There will be a minimum of 12 grades per marking period. Please check PowerSchool for grades and comments on student performance. Students usually receive graded tests the next day although the grade may not be posted on PowerSchool yet. Students are also given a grade sheet to record and keep track of their grades.

I expect each student to conduct him/herself in a mature, responsible manner. I have and will continue to utilize the "Behavior Reflection" form, lunch detentions and after school detentions when a student chooses to not cooperate and follow classroom rules. Please refer to the student Code of Conduct/Classroom Rules form for more information regarding consequences for inappropriate behavior. I will send emails home to keep parents up to date on student performance and classroom conduct if needed.

If you have any questions or concerns, please do not hesitate to contact me. I prefer emails and I will respond as soon as I am able. I can also be reached during school hours at 732-251-3090 - please leave a message and I will return your call after school. You can email me at lbartley@icsspotswood.com.

Best,
Mrs. Linda Bartley

