Math 1
2023-2024

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Teacher Website: Google Classroom
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Course Description

Math 1 is the first in a series of 3 classes (Math 1, 2, and 3). This course will include a study of expressions, equations and inequalities, transformations and constructions, functions and their graphs, linear systems and exponential functions. Math 1 fulfills the high school Algebra requirement for graduation.

Course Objectives / Mathematics Practices

Upon completion of this course, the student will:
1. Make sense of problems and persevere in solving them.
2. Reason abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others.
4. Model with mathematics.
5. Use appropriate tools strategically.
6. Attend to precision.
7. Look for and make use of structure.
8. Look for and express regularity in repeated reasoning.

Course Units

Semester 1		Semester 2	
Quarter 1	**Quarter 2**	**Quarter 3**	**Quarter 4**
Quantities and Relationships Sequences Linear Regressions	Linear Functions Solving Linear Equations and Inequalities	Systems of Equations and Inequalities Shapes on a Coordinate Plane Introduction to Exponentials	Using Exponential Equations One-Variable Statistics Two-Variable Categorical Data

Materials

The following materials will be needed daily:

Fully charged laptop, 3 ring binder, paper, pencil and eraser, dry erase marker, scientific calculator, and headphones or earbuds

Suggested but not required:

Computer mouse

Skyward Grading

Score Method	Term Grades (MHS Policy)	Grading Scale (MHS Policy)
Weighted Grades Summative Assessments (Tests/Projects) - 56% Formative Assessments (Homework/Participation/Quizzes/ Projects) - 24% End of Course Assessment - 20%	**Fall** Semester 1=80% End of Course Assessment=20% **Spring** Semester 2=80% End of Course Assessment=20%	A=90%-100% B=80%-89% C=70%-79% D=60%-69% F=Below 60%

Make-Up Work (MHS Policy)

Papers, assignments, tests, etc. that were announced while the student was in attendance prior to the absence are due to be submitted or completed on the day the student returns to school. A student will be allowed two (2) school days for each day of excused absence to make up material presented during the absence. Make-up time is not to exceed ten (10) days from the time a student returns to school after an absence. Additional time may be granted at the principal's discretion under extenuating circumstances. When a student has been absent for three (3) or more consecutive school days due to illness or excused absence the parent or student may call the Attendance Office to request make-up homework be sent to the office for pick-up. Please allow 24 hours for teachers to respond before coming to the office to pick up work. **In the case of pre-arranged absences, it is the responsibility of the student to contact individual teachers for any make-up work prior to the absence.**

Late Work / Make-Up Work / Retake Policy

◆ **Assignments & Quizzes:** Students will be given time to do independent practice during class using Mathia on the computer or using practice "Assignments" in the book. All work not finished in class is then considered homework. All assignments are expected to be completed by the start of the next class meeting. Students will also be assigned and given time to complete warm-up problems each day in class. A short homework quiz will be given most Thursdays.

Problems on the quiz will come directly from warm-ups as well as book Assignments. I will drop your lowest quiz score each quarter. Mathia assignments will also be graded each week.

◆ **Tests:** Dates for tests and the final exam will be posted on Google Classroom well in advance. If you miss a test, please schedule a time with me to retake the test as soon as you return to school. Test retakes will be allowed once per test. Work will be required before taking the retake to ensure you understand the material. Retake policies are not applicable for small quizzes or final exams. Retakes must be taken outside of classroom hours after school. All retakes are due the Friday before the end of the quarter.

◆ **Late Work:** Late work/make-up work will be accepted up to the Friday before the end of the quarter for full credit.

Classroom Rules and Procedures

- ★ Students are expected to adhere to the following rules in addition to those existing for MHS and MSD
- ★ **Prompt** – in seats, ready for class when class begins.
- ★ **Prepared** – bring necessary materials to class.
- ★ **Polite** – respect everyone's space and opinions; respect the classroom and materials.
- ★ **Productive** – use time effectively and efficiently; No cell phones unless given prior permission from the teacher.
- ★ Make an honest attempt to complete work and turn in what has been completed.
- ★ Drinks must be closed top and NO glass in the classroom. Must also be kept away from technology.
- ★ Since mathematics is a class which requires students to be active learners, students must show all work on all assignments. Anything turned in with no work will receive no credit.
- ★ It is the student's responsibility to come in on their own time to obtain, complete, and make-up quizzes and tests that were missed when they are absent.

Discipline

Positive Consequences
1. Verbal praise.
2. Notes, emails or phone calls home.
3. **A more successful learning experience :)**

Discipline Consequences
1. Non-Verbal and/or Verbal warning.
2. Student/Teacher Conference.
3. Phone call, email or letter home to parents.
4. Discipline referral to the principal's office.

Severe Clause

Any student severely disrupting the class by fighting, showing overt defiance of instructions, vandalism, or by otherwise keeping the class from functioning will be immediately sent to the principal.

Tardy Policy:

A tardy is defined as "the failure of a student to be in the assigned classroom when the tardy bell starts ringing." Tardies will be counted by separate periods. The fourth and fifth tardy includes detention(s). Every six tardies result in an absence in that specific period. The count will start over at the beginning of each semester. See the student handbook for more details.

Academic Integrity (MHS Policy)

All work submitted by a student must represent his/her own ideas, concepts, and current understanding. All material found during research must be correctly documented/cited to avoid plagiarism. Any student caught cheating or plagiarizing on course assignments or exams will lose credit for that assignment or exam. The teacher will notify parents and administration. Students may be subject to disciplinary action, including a parent conference.

Student & Parent Resources

LiveHint.com

Students may scan a QR code on their practice Assignments or go to www.livehint.com (and click on MATHbook, then Let's Go, then Integrated Math 1) to get hints for the assignments.

Opportunities for Extra Help

PLEASE come talk to me if you are having trouble and not getting enough help during class! I am available **at lunch and after school** most days. Schedule an appointment or just drop by my room (2143) for help. I also encourage you to form study groups.