

Foundations of Math 1

With Mrs. Loomis

Course Syllabus



How to
contact
Mrs. Loomis

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Course Description

The purpose of this course is to formalize and extend the mathematics that students learned in the middle grades. In conjunction with Math IB, this course deepens and extends understanding of linear relationships, in part by contrasting them with exponential and quadratic phenomena, and in part by applying linear models to data that exhibit a linear trend. In addition to studying bivariate data, students also summarize, represent, and interpret data on a single count or measurement variable. The Geometry standards that appear in this course formalize and extend students' geometric experiences to explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. The Standards for Mathematical Practice apply throughout each course and, together with the content standards, require that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

Expectations

I expect all students to put in substantial effort towards expanding their mathematical knowledge and to seek opportunities to explore mathematical principles by doing all assigned work and asking questions. Students are expected to be kind, respectful, and positive towards classmates and me at all times. Finally, I expect students to be aware of the consequences of their actions and take accountability. This is understandably a challenging semester but we are all in this together. My main priority is provide support for all students to make this a successful semester no matter the circumstances.

In order for our online/remote classroom environment to run smoothly and for all students to feel comfortable learning, there are a few things I need from you:

1. Come to class everyday and be prepared to ask questions and learn.
2. Be respectful to EVERYONE in our class--Respect applies to everywhere and disrespect will not be tolerated.
3. Actively participate in class EVERY DAY--Attend class, take notes, submit assignments on-time, ask questions.
4. Try your hardest and limit distractions--Your education is important and now more than ever you will have to advocate for your education. You'll need to put in extra effort and make sure you are committing time to this class.

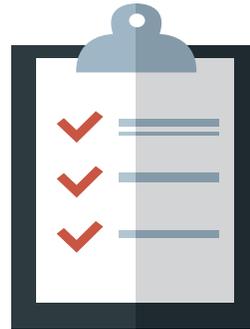
OUR Classroom Rules/ Behavior Policy



1. Be on-time, on-task, & prepared to learn EVERYDAY
2. Keep all electronics PUT AWAY, unless otherwise told
3. Be responsible for your own learning
4. Respect--The teacher, the classroom, fellow students
5. Trash goes in the trash can
6. Raise your hand before speaking OR leaving your seat
7. Keep hands, feet, and objects to yourself
8. Work hard and be persistent
9. Believe in yourself
10. Don't be afraid to ask questions

CONSEQUENCES

Behavior that does not live up to class expectations and/or is against classroom rules will result in consequences. Consequences are up to the teacher's discretion and arguing with a consequence will result in further consequences.



Mrs. Loomis will follow closely with the suggested consequences in the school handbook.

REQUIRED MATERIALS

You are expected to come to class prepared every day. Passes will not be given for forgetting supplies.

- Pencil
- Notebook or binder specifically for math notes
- Dry Erase Marker



**Other organization supplies encouraged but not required such as highlighters, dividers for binder, folder for handouts...

1 Grading Breakdown

PARTICIPATION 20%

ONLINE ASSIGNMENTS 17.5 %

QUIZZES 17.5 %

EXAMS 25 %

FINAL EXAM 20 %



Grading Scale

A	B	C	D	F
100-90	89-80	79-70	69-60	59-0

Policies and Procedures

- **Attendance:** If a student has to miss school, that student is required to bring a note (see valid/lawful excuses in the Duplin County Attendance Policy) upon returning to school and no later than three days. Turn your note into guidance when you get to school. Information on whether the notes are excused or unexcused will be emailed to the teachers. **Any absences that are unexcused (over 5 days) must be made up after school during the semester. Unexcused absences not made up will result in failing the course.** Parents will be called daily when your student is absent. Please make sure your phone number is updated. Attendance is an indicator of effort.
- **Class Participation:** You are encouraged to ask questions, seek clarification of ideas, and explore varying perspectives on the presented content.
- **Electronic Devices:** You should not use cell phones or computers during class for internet browsing, e-mail, texting, social media posting, or other purposes not related to course learning. Place cell phones on silent mode and refrain from using electronic devices to record audio, video, or pictures during class.
- **Communication:** Parents and students may contact me anytime by email (hloomis@duplinschools.net), however, I have limited access to email after school hours but I will respond as promptly as possible. You may also call the school and leave a message for me and I will return your call as soon as possible.
- **Late or Missed Work:** Any assignments not received on or before the due date are considered late. Students may turn in work late with a 10-point penalty per day. For example, if they are one day late the highest possible score is a 90. Due dates and assignments will be posted ahead of time so that students can be proactive and insure that they get their work done and turned in on time. It is **your (the student)** responsibility to schedule a time to make up any tests or quizzes. If you have a known absence coming up, you may request work ahead of time and turn it in before you miss the deadline so you may avoid late penalties. For excused absences (appropriate notes must be provided to guidance, see attendance policy) a new deadline for work missed will be provided upon return to school (late policy remains the same if work is not turned in by new deadline).
- **Plagiarism/Cheating:** Plagiarism will not be tolerated and will result in an F. If students cheat during a quiz, test, or assignment they will receive a zero. This includes copying a peer's work and using the internet to find answers. It is important to ALWAYS show your work in extensive detail. This could result in a formal write up.
- **Speaking in Class:** It is a classroom expectation that students will not speak out of turn and will wait to be called on by the teacher unless we are doing group. It is also a class expectation that one person will be speaking at a time and the class will listen respectfully. Participation is a necessary component to our class.

Student Name: _____

Student-Teacher-Parent/Guardian Contract

Please sign and return this contract by **the end of the first week of classes** so that students, teachers, and parents/guardians have a common framework for working together to ensure student success.

I, Mrs. Loomis, pledge to fairly enact all policies and procedures outlined in this syllabus, and to dedicate myself wholly to helping you achieve the future that you and your family envision.

I, [STUDENT NAME] _____, have read and agree to abide by the policies, procedures, and expectations for this class, and agree to respect the classroom and my classmates so that I will be one step closer to achieving the future that I envision for myself.

I, [PARENT/GUARDIAN NAME] _____, have read over the expectations for my child's class, and agree to work together with my child and his or her teacher, Ms. Keller, to achieve the future that my child and I envision.

Parent/Guardian Survey (Google Form): Please answer these questions to help me better work with you and your child.

1. What should I know about your student to help me understand him/her better?

2. What are your student's strengths? What can they do well? (Please feel free to brag!)

3. What might be your student's weaknesses?

4. What motivates your student to succeed?

5. Has your student been in a classroom situation that was unproductive for them? Please explain.

6. What are your expectations for your students AND his/her teachers this year?

7. What kind of technology does your student have available at home? How successful would they be in completing assignments online?

8. I hope to help students outside of class time if they would like. Would it be possible for your student to stay after school for 30 minutes to an hour to get help? Would they have a ride home? Do certain days work better than others?

9. Is there any additional information or unique circumstance that you think is important to share with me at this time?

Thank you for taking the time to fill this form out. I hope that this is the start of a great partnership in our classroom and I am delighted to get to work with you for the success of our students.