

MATH 1 Honors

with

Mrs. Shelanskey & Mr. Kiplagat



holly.shelanskey@onslow.k12.nc.us

Robert.kiplagat@onslow.k12.nc.us

Phone: (910) 455 - 4868

Math I is a study of algebraic concepts such as operations with polynomials, linear functions and relations, algebraic representations of geometric relationships, and an introduction to nonlinear functions. Students will learn to describe and translate among graphic, algebraic, numeric, and verbal representations of relations that use those representations to solve problems.

Course Outline

UNIT

1

Functions

UNIT

2

Linear Functions
& Equations

UNIT

3

Exponential
Functions

UNIT

4

Quadratic
Functions

UNIT

5

Systems of Equations
and Inequalities

UNIT

6

Statistics

Expectations



I believe that all students are capable of being successful in math regardless of your previous experiences in math. The keys to success will be **careful listening, intentional practice, learning from mistakes**, and a **willingness to keep going** until you have mastered it. This will take time both in class and at home.

Study habits



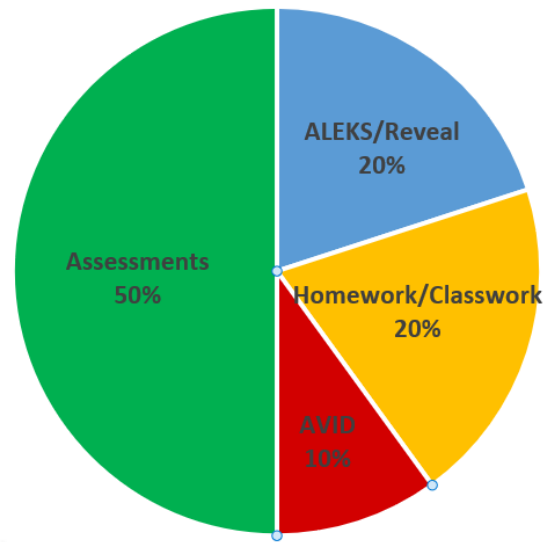
Homework

My expectations for students are high because all students are capable of great things. I expect students to be actively engaged in class at all times because that's how we maximize potential. I also expect students to work on math outside of school (even if you are joining class virtually). The homework assignments will be essential to solidifying concepts and skills learned in class and for revealing areas of need.

Grading

Grades will be determined according to the percentages shown to the right. Homework and classwork assignments will be graded for mastery of content. Homework quizzes will be given each Friday.

Retakes of quizzes and tests will be allowed on initial grades below 75%. Students will receive half credit for each question corrected and will receive no higher than 75%. Corrections must be completed ONE WEEK from receiving test grades. This will be completed in PowerHour.



Technology

You should have your computer each day in class. Make sure it is charged the night before as plugs for power cannot be guaranteed.

Personal devices should not be brought to class. If you have a cell phone out during class, it will be confiscated and taken by administration. Please refer to the student handbook for further information.

Useful links

Graphing calculator:

<https://desmos.com>

Ti-84 Apps can be downloaded to your personal device for use at home.

Required Materials

- 1 subject notebook/loose leaf paper
- Cornell Notebook (provided)
- Pencils and/or erasable pens
- Highlighter(s) or colored pencils
- 3+ inch AVID binder



Other Information

Northside expectations and procedures for class will be the same.

- Be **R**esponsible – Be on time to class, beginning the assignment posted when you enter.
- Be **O**rganized – Have your materials ready to go.
- Be **A**ttentive – Listen carefully to instruction and ask questions in the chat box or by raising your hand.
- Be **R**espectful – Whether you are in class or online, you should be the same amazing student!

BE KIND AND RESPECTFUL

Show respect to all those in our school community.

Treat others how you would like to be treated.

Listen carefully and respectfully to others

DO YOUR BEST

Make an effort to produce your best work at all times.



Get in the Mindset



KEEP A POSITIVE ATTITUDE

Bring a positive attitude to all that you do.

SET YOURSELF GOALS AND DON'T GIVE UP

Don't be afraid to ask for help when you need it. Sometimes we need to fail to succeed.

