

Advanced Math 8 – Course Information
Mr. Ben Lischwe
Meigs Academic Magnet

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Class Website: lischwe.weebly.com

Online Textbook: <http://connected.mcgraw-hill.com>

MY LOGIN: Username _____ Password _____

Course Description

As you work through Advanced Math 8 this year, you will learn the skills that are necessary for success in all future math classes. Your success in integrated math, pre-calculus, calculus, statistics, chemistry, and physics, as well as college math and science courses depends largely on having a solid foundation in the 8th grade math standards. My goal this year is to help you develop the strongest possible foundation in these standards, so that next year you will be well prepared to excel in high school!

TOPICS COVERED THIS YEAR:

- | | | |
|---------------------------------|------------------------|------------------------|
| ▪ Rational & Irrational Numbers | ▪ Systems of Equations | ▪ Pythagorean Theorem |
| ▪ Functions | ▪ Exponents | ▪ Volume |
| ▪ Linear Relationships | ▪ Transformations | ▪ Data and Probability |

Required Class Materials (bring all every day!)

- Binder (any size is fine) with looseleaf paper
- Pencil
- Pen/highlighter/marker

Wish List (We go through these quickly!)

- AAA Batteries
- Tissues

Suggested, but not required:

- Personal set of dry-erase markers (we use them a lot!)
- Calculator (I have a class set, so you don't need your own. However, having your own will be especially helpful on TNReady – you will be guaranteed to use a calculator that you are familiar with!)

Grading

The standard Metro Schools grading scale will be used:

- A 93-100
- B 85-92
- C 75-84
- D 70-74
- F 50-69
- I Incomplete

*****NEW THIS YEAR:** Daily homework assignments will comprise 10% of the grade. The other 90% will reflect student mastery of the math content standards through assessments and projects.

Make-Up Work

When you are absent from class, you can find your missing assignments by referring to the assignment board, checking our class website, or calling a friend. All missed homework, quizzes, and tests must be promptly made up. The number of days you have to complete the missing assignments will be equal to the number of days you missed.

Retake Procedures

- The purpose of retakes is for students to show mastery of each skill. Since 85% is considered “mastery”, retakes will only be available to students who received an 85% or less.
- The maximum retake grade you may receive is 85%.
- The **most recent retake grade stands**.
- Retakes must be **taken no later than 10 days after I pass the assessment back**.

Extra Help

I will be more than happy to tutor students who need a little extra help. This can be done during lunch, physical activity, Intervention, or after school, but you must schedule it in advance.

Please feel free to contact me if you have any questions. I am honored to have the opportunity to help you learn math this year!

Parent Signature _____ Student Signature _____