**Math 2 H**

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[**http://kmothorpe.weebly.com/**](http://kmothorpe.weebly.com/)

Math 2H is a course that contains several important mathematical skills that will be used throughout a student’s academic career. Methods such as investigation, exploration, and cooperative learning activities will be utilized in order to teach the curriculum. My goal is to develop an increased understanding with the following mathematical topics.

**COURSE TOPICS:**

* Modeling with Quadratic Functions
* Modeling with Exponential Functions
* Modeling with Function Types
* Modeling with Geometry
* Modeling with Trigonometric Functions
* Modeling with Probability

**GRADING**:

 **Grade**:

Tests –50%

Quizzes – 30%

Classwork – 10 %

Homework – 10 %

* North Carolina Final Exams (NCFE's) will be administered at the end of the term.
* Students are **REQUIRED** to attend a minimum of **2** tutorial sessions per quarter
* Students with a **D, F, or below** are **REQUIRED** to attend a minimum of **3** tutorial sessions a quarter
* Students will have 3 tutorials to complete their reassessment after the test has been passed back

**ATTENDENCE AND MAKE-UP WORK:** Because each class period builds on previous knowledge, it is very important that you are in class. When absences cannot be avoided, it is **your student’s** responsibility to attain class notes and complete the assignments you missed. You may want to cultivate a relationship with a classmate who can be your “go-to person.” This person will be responsible for helping you get the class notes and homework assignments when you are absent. Missed work will have your name on it attached with the class notes in the assigned color bin in the classroom. Please return the class notes because other students may need this information.

**AVAILIBILITY OF EXTRA HELP:** If you do not understand a concept you are encouraged to get extra help immediately! You may schedule a time with me before school, after school or at SMART lunch (Wednesday A lunch or Thursday B lunch).

**SMART Lunch**

SMART lunch provides an in-school opportunity for students to get extra help in their classes.

* Math tutorials are on **Wednesdays during A lunch** and **Thursdays during B lunch.**
* Students who have an A,B, or C in class will be required to attend **at** **least 2 tutorials per quarter**.
* Students whose grades are a D or F will be required to attend **at least 3 tutorials per quarter**.
* Students who need additional help or who have missing work will be assigned tutorials.
* Students are required to attend tutorials and will receive a quiz grade for attending tutorials.

**SUPPLIES:**

3 Ring Binder, Paper, and Pencil

Students are strongly encouraged to purchase a TI-84+ calculator.

**CLASSROOM SUPPLIES WISH LIST:**

Donations will be gladly accepted, especially of the following items:

Dry erase markers

Tissues

Colorful printer paper

**CONDUCT:** You are expected to be prepared each day for class with your homework, notebook, pencil and calculator. You must be seated and ready to begin class when the bell rings. Remember: No cell phones, no music devices, and no hats are permitted. These items distract from our learning environment.

**ACADEMIC INTEGRITY:** Athens Drive High School teachers, students and administrators value academic integrity, and this has always been the case. What's different this year is that with the collaboration among a group of teachers, students, parents, and administrators we now have a clearly defined academic integrity policy. As part of this policy, teachers and students will follow a code of conduct, which deals with issues such as cheating and plagiarism.

If a violation of the honor code is suspected the student(s) will be invited to meet privately with the instructor, the behavior discussed and necessary paperwork will be submitted according to ADHS Academic Integrity Violation Procedures. For specifics about the policy, please go to www.[**http://tinyurl.com/mq3tedt**](http://tinyurl.com/mq3tedt)**.**

**STAYING IN CONTACT:** Parents with a concern may contact me by calling the school and leaving a message or by e-mailing me. My school email address is: kmothorpe@wcpss.net

Please provide your e-mail and phone number(s) so that I may contact you by going to **https://tinyurl.com/yccpzwem**

After reading the information provided on both sides of this sheet, please sign below indicating that you have read and understand the expectations of this class.

I look forward to teaching your student!

Sincerely,

Katlyn Mothorpe

**PARENTS/GUARDIAN: PLEASE PROVIDE AND PRINT NEATLY THE INFORMATION BELOW OR GO TO THE FOLLOWING:** [**https://tinyurl.com/yccpzwem**](https://tinyurl.com/yccpzwem)

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Student’s Name Student’s Signature

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 Parent/Guardian’s Name Parent/Guardian’s Signature

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 Parent/Guardian’s E-Mail Address(s)

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 Parent/Guardian’s Phone Number(s)