

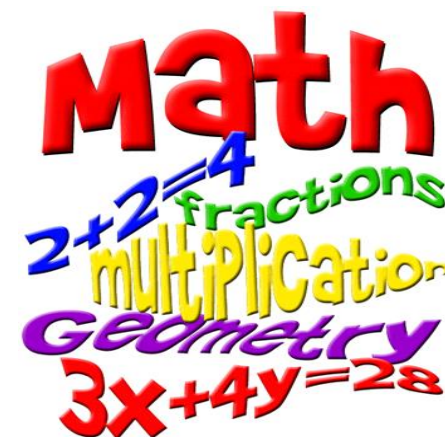
H.Math 2

This is an extension of Common Core Math 1.

- Unit 1: Understanding Variables
 - a. Math 1 Review-All things Linear
 - b. Key Features of Functions
- Unit 2: Graphing Quadratic Functions
 - a. Vertex Form
 - b. Factored Form
 - c. Standard Form
- Unit 3: Polynomial Operations
 - a. Adding and Subtracting Polynomials
 - b. Factoring Polynomials
- Unit 4: Solving Quadratic Equations
 - a. Finding all Rational Roots
 - b. Finding ALL Roots
- Unit 5: Rational to Radical
 - a. Simplifying Exponential and Radical Expressions
 - b. Graphing Radicals
- Unit 6: Variation and Rational Functions
 - a. Variation Word Problems
 - b. Graphing Rational Functions
- Unit 7: Transformations in the Coordinate Plane
- Unit 8: Triangles
 - a. Definitions Theorems and Postulates
 - b. Proving Triangles are Congruent
- Unit 9: Right Triangles and Trigonometry
- Unit 10: Probability

Tuscola High School

NC Common Core H.Math 2



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SUPPLIES

- ✓ 1 Composition Notebook (No Spirals)
- ✓ Pencils (Mechanical Preferred)
- ✓ Clear Tape (Necessary for Composition Notebooks)
- ✓ Small Scissors (Necessary for Composition Notebooks)
- ✓ Glue Stick
- ✓ Graph Paper
- ✓ Dry Erase Marker
- ✓ SCHOOL Chrome Book

Optional Supplies that will be useful for Math 2 class

- Highlighters/Colored Pencils/Markers
- Pencil Pouch
- Post-It Notes
- Online Desmos Graphing Calculator (<https://www.desmos.com/testing/northcarolina/graphing>)
- TI-84 Plus Graphing Calculator

GRADING

Tests/Projects – 50%

Quizzes – 30%

Classwork/Homework -20%

- No test grade will be dropped!
- No extra credit given/but bonus points are awarded when earned!!!
- No late work accepted!!
- Credit is given for an assignment ONLY if appropriate work is Shown.

OFFICE/TUTORING HOURS

- 3:00-3:30 (M/W/Th)

This will be the time that I am available to work with students one-on-one or in small groups.

WAYS TO BE SUCCESSFUL

1. **Positive Attitude**
 - ✓ What am I going to learn today
2. **Be Prepared**
 - ✓ Am I ready to start class by:
 - *Bringing all of the above materials to class each day. **You will not be allowed to leave the room during class to get these items.**
 - * Label your notebooks with your name, date, page number and problems assigned.
3. **Accept a Challenge**
 - ✓ Am I ready to try and try again, no matter how hard it may get?
 - *If you need help with an assignment, do not be afraid to call on the teacher.
 - Tutoring is available most days after school.**
4. **Accountability**
 - ✓ Did I do everything required for my part to earn my grade which includes checking my grades at least once a week on Infinite Campus.

ABSENCE/TARDIES

Attendance will be taken daily: Students must be in class and on time for the entire duration of class, PARTICIPATE, and attempt all assignments in order to be successful. The school attendance policy will be followed.

- Absences 7-9 Make Up Time Required
- 10 Absences = Make up time and Appeal for Credit

Tardies-all students that are not in the classroom with ALL THEIR REQUIRED SUPPLIES by the bell must report to the ISS room and return with a tardy slip.

- If a student is not present in class for a least half the class period, then it is an automatic absence.

Assignments and Accountability Expectations

- All Class assignments and Assessments will be due by the end of the scheduled block. ASSESSMENTS are not allowed to be completed outside of class time unless discussed prior.
 - All Homework Assignments will be due the following day with appropriate work shown.
 - Any missed test or quiz due to an absence must be made up outside of class instruction time and within 1 week of the given assessment. A ZERO will be issued and only replaced when the assessment is completed within the time frame.
 - NO LATE WORK WILL BE ACCEPTED.
 - Check your grades on Infinite Campus at least once a week.
- ALL MISSED ASSIGNMENTS MUST BE MADE UP** within a timely manner in accordance with the school policy.

*****If a student is in attendance and chooses not to complete their homework or class work, I do not accept make up assignments or late work.*****

ELECTRONIC POLICY

Cell phones/other electronics will be turned in at the beginning of class in the assigned holder. If a student refuses to turn in electronics and has it out for any reason during class time, the student will receive an office referral.

CHROME BOOKS are for learning purposes only. If you misuse the chrome book a referral will be written for misuse of technology.