

MATH MODELING

Mrs. Ashley Currie

Zion Chapel School MB Rm 21

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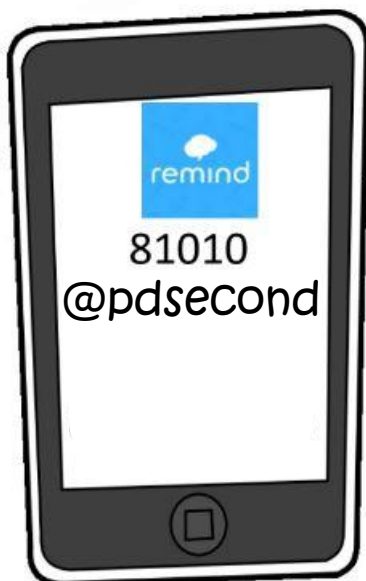
Course Description

In this course, students explore decision-making for financial planning and management, design in three dimensions, interpreting statistical studies, and creating functions to model change in the environment and society. Measurements are taken from the real world, and technology is used extensively for computation, with an emphasis on students' interpretation and explanation of results in context. Students will develop and use both the Mathematical Modeling Cycle and the Statistical Problem-Solving Cycle, in this specialized course to further develop authentic decision-making skills.

Materials Needed

- ✓ Pencils
- ✓ Binder & loose leaf paper
- ✓ calculator
- ✓ Planner (provided)
- ✓ colored pencils/pens
- ✓ Highlighters
- ✓ Post-it Notes

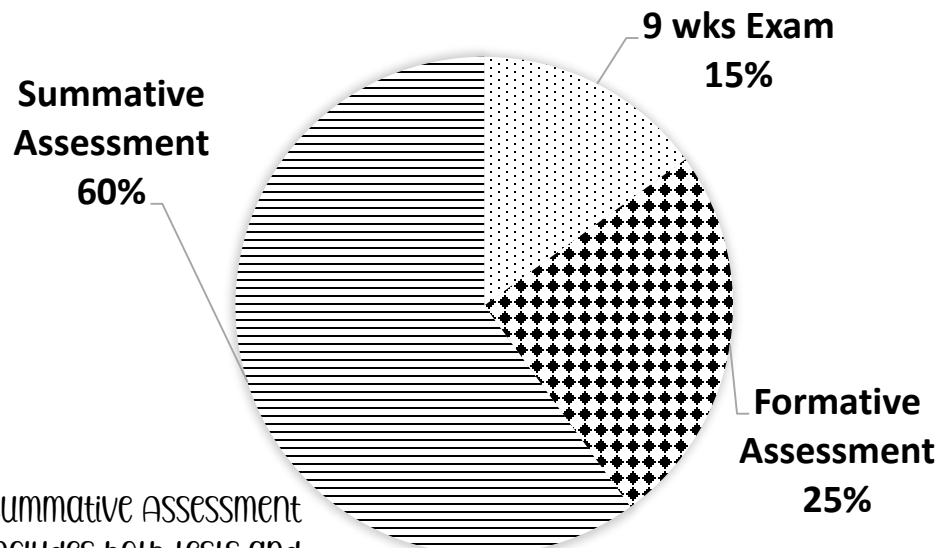
You will be required to have these items with you everyday.



GOOGLE CLASSROOM CODE

2nd period -w b f 7 g 2 b

GRADE DISTRIBUTION



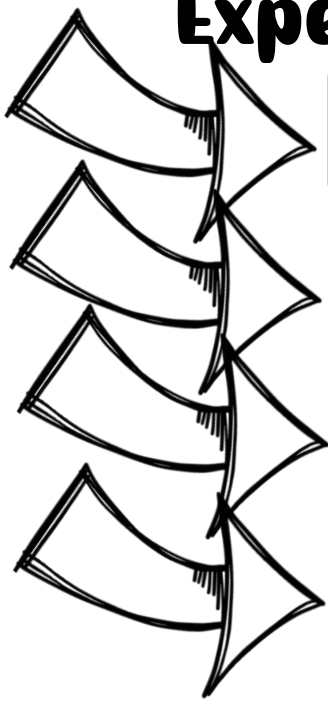
Summative Assessment includes both tests and quizzes. Tests are 35% & quizzes are 30% for a total of 65%. Tests will be out of 100 points. A quiz will be out of 50 points.

Formative Assessment includes classwork, digital practice, daily bell work.

work hard
& be kind.

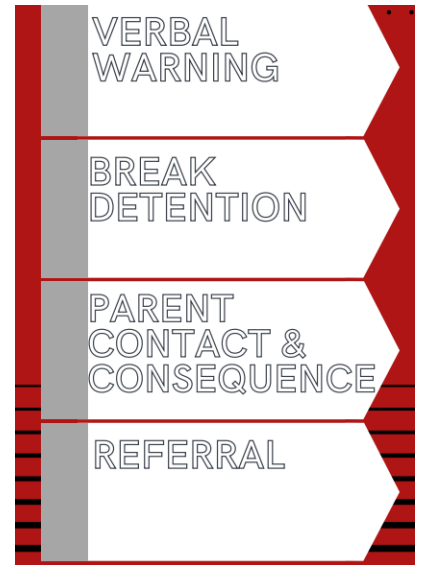
that is
all.

Expectations



- Respect**
 - Yourself
 - Others
 - Property
- Follow**
 - Class Procedures
 - Directions
 - School Policies
- Own**
 - Your Learning
 - Your Actions
 - Your Attitude
- Live**
 - Prompt
 - On Task
 - Prepared
 - Resilient

Consequences



BELLRINGERS

At the start of each class, you will have a bellringer. These will be handouts provided that you can write on and keep. I will take weekly classwork (20%) grades of this practice. Every few weeks there will be an announced bellringer test (35%).



THE PLANNER

Every student will be given a planner. This planner will be a mandatory material that should be brought to class everyday.

This planner contains:

- » Pages to keep up with our back to school forms, class codes, passwords, important dates, grades, and anything else that may be pertinent to this class.
- » The bathroom pass sign out sheet. See planner for rules of these passes. Passes not used can be turned in for bonus at the end of each 9 weeks.
- » An individual learning goal check sheet will be used to chart math data and rubrics will help your child reflect on academics and effort.



A class calendar can be found on google classroom, my school page, or I can email you the link. This calendar will contain my lesson plans & any handouts or files needed for the lesson. Students who are absent have 3 days to make up missed assignments. This includes formative and summative grades. This is your responsibility. After the third day, a zero will be put in for the grade. This is in accordance with the Coffee County policy.



Math Modeling Syllabus

Instructor: Mrs. Ashley Currie

Students: I certify that I have read and understand what is expected of me in Mrs. Currie's classroom. I will do my very best to live up to the expectations she has set for me. I understand not following these expectations & procedures will result in consequences.

Student Name _____

Student Signature _____

Parents: I want to encourage you to sign up for the Remind app. I will be utilizing this as my main source of communication about grades, special dates, behavior, etc. Or if you have a question for me, you can send me a message through this app. I want to also urge you to make sure you can view our class calendar. Our daily agenda can be viewed here and any handouts or pages that may need to be reprinted can be found here. If you would like to be invited to our google classroom, make sure to leave your email below. All these platforms can be beneficial to both you and your child; I hope you both take advantage of these.



I am aware of the Remind App but do not wish to sign up.

I am aware of the Remind App and plan to sign up.



I understand where to find the class calendar.

I'm not sure how to find the calendar on the school website, please send home detailed instructions.



I am aware of Google Classroom and do not wish to be invited to view the classroom.

I would like to view my child's Google Classroom, please invite me. My email is _____

Parents: I certify that I have read and understand what is expected of my child in Mrs. Currie's classroom.

Parent Name _____

Parent Signature _____

Date _____

**Students must keep the syllabus in the front of their notebooks for reference.
This syllabus can be viewed on my school web page and on our Google Classroom.
This signature page must be returned by Friday, August 12, 2022.**