

Math Models
Mrs. Broussard
F217

Welcome to **Math Models!**

Math Models is designed to build on the knowledge and skills you learned in all of your prior math classes. We'll be reviewing your algebra skills, putting your geometry skills to use, and also looking at finances. It is essential that you attend class prepared and keep a positive attitude. I'm glad you are here and want you to be as well.

Academic expectations include the following:

- Read mathematical problems actively and critically.
- Write effective solutions to problems.
- Present solutions to problems effectively.
- Use a graphing calculator to solve mathematical problems.
- Employ multiple critical and creative thinking strategies in reasoning and problem solving.
- Demonstrate a knowledge and appreciation of how mathematics can be used outside the mathematics classroom.

Virtual expectations:

Access Teams each day to view the lesson video, complete the notes, and complete the assignment. You will take a picture of your completed assignment and turn it in via the Teams app. A Zoom link will be provided in Teams for live interaction at different times throughout the week. There will be both pre-recorded videos and opportunities to attend live class sessions. You **MUST** log in daily for attendance purposes. Attendance rules apply to both face to face and virtual students. You must have at least 90% attendance to receive credit for the course. **You MUST be online in a Zoom session during the regular class period to take all tests.**

Curriculum time-line:

Fall Semester - Linear Equations and Inequalities, Direct and Inverse Variation, Linear Functions and Models, Systems of Equations, Quadratic Function and Models

Spring Semester - Data Analysis, Exponential Models, Probability, Patterns in Fine Arts, Architecture, and Engineering, Personal Finance

Please keep the following expectations in mind each day so that we may all have a great year.

- Be Prepared Daily
- Be Respectful
- Follow the District and Classroom policies

Grading:

- 70% - HW, quizzes, warm-ups
30% - Test, Projects, major assignments
- Semester exam is 15% of the semester grade.
No Exam exemptions this year
- Re-test/Test corrections for a failing test grade must be completed within the time frame given. Students may earn half of the original points lost up to a 70. Example: original test=30% (70 points lost), perfect retake will earn half of 70=35 points added to original grade of 30 for a 65%. If half of the points back exceed 70, then the student will earn 70.
- Late work: 10 points per day for 3 days, grade becomes a 0 after 5 days
Excused absences will follow the KISD Grade Policy

Materials Needed EACH Day:

- Notebook paper - for note taking and assignments
- Pencils - for daily use
- 3-ring binder to organize papers (can be shared with another class)

Academic Honesty: Cheating of any type will not be tolerated. This includes copying, allowing your work to be copied, and discussing material on tests and quizzes. In addition to receiving a 0 on the assignment/test, the incident will be reported to administration which may incur additional consequences.

Contact information:

Email: andrea.broussard@kerrvilleisd.net

Website: <https://www.kerrvilleisd.net/Domain/2227>

Office Hours: Mon/Wed in F217 from 3:30 to 3:50

Zoom Tues/Thurs from 3:30 to 3:50

Other times available by appointment

-Have a great year and TFND!!