Lisa Burke

Apex Friendship Middle

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Welcome to AFMS!



MATH 1

COURSE DESCRIPTION

Math 1 continues the study of algebraic concepts introduced in previous math courses. The following are the units/topics of study:

▪ Sequences

▪ Linear & Exponential Functions

▪ Features of Functions

▪ Equations & Inequalities

▪ Connecting Algebra & Geometry

▪ Systems of Equations & Inequalities

▪ Quadratic Functions Modeling Data

Due to state guidelines, any student who is enrolled in the course on the 20th day of school is required to complete the course and take the End-of-Course (EOC) state exam at the end of the year. Therefore, it is imperative that students are properly placed.

GRADING POLICY

Grades will be determined from a variety of assessments that will include projects, quizzes, tests, performance tasks, homework and skills activities. Formative assessments will be utilized to monitor progress prior to giving summative assessments.

▪ Majors 50% - tests, performance tasks, projects

▪ Minor 40% - quizzes, projects

▪ Skills 10% - homework, skills checks

HOMEWORK (100-0)

Homework gives you a chance to practice concepts that are new or that need to be strengthened.

▪ Daily: 45-60 minutes – to complete written work AND study

▪ Accounts for 10% of your grade

▪ Will not be accepted more than 2 weeks late

For homework to be considered 100% complete, students must attempt and show work for all problems. Late HW is 89% and no HW is 0%.

I will not ask nor chase for late HW or

HW that is to be made up when absent;

it is the student’s responsibility to

show me the assignment.



**CALCULATORS**

Students will have access to a calculator during the class period. To have access, they must have a signed calculator contract. It is highly recommended for students to have their own TI-84 calculator at home to use as well.

MATH CLASS EXPECTATIONS

1) Arrive in class with a growth Mindset and ready to learn

2) Be prepared with All materials: binder, calculator, pencil, ruler, HW

3) Treat others and all surroundings as you wish to be treated

4) Be an active and engaged Human participant



ADVICE to FOSTER SUCCESS

|  |  |  |
| --- | --- | --- |
| ORGANIZATION | SMART BLOCK | STUDY |
| ▪ Date all papers  ▪ Specifically title notes, HW, handouts, worksheets … all loose papers  ▪ File in chronological (date) order in your 3-ring  ▪Clean out your binder at the end of each quarter, but save everything at home (including your workbooks) to reference at the end of the year while studying for the EOC  ▪ Used lined paper, show all work and always check your answer  Much of what makes math difficult for so many students is the fact that there are multiple steps to get to the final answer. Each individual step or skill is not what is difficult, but rather it is keeping track of all the details and steps along the way … so BE ORGANIZED and SHOW ALL WORK in every problem you tackle. | ▪ COME and come often  ▪ Ask questions in smart block and in class  ▪Do NOT leave all your HW for smart block. Instead it is a time to ask for help on the questions that gave you difficulty  “The smartest students are those that ASK THE QUESTIONS”  Related image | ▪ WORK problems  ▪ REWORK problems … both those that you missed and examples from scratch  ▪ WORK new problems  ▪ Review daily notes and vocabulary  ▪ Make flashcards  ▪ RE-WRITE NOTES  ▪ QUIZ YOURSELF!  Study with a select group of peers … this does not have to be your BFF’s. Instead, you may want to find a few peers who are “a bit better” than you mathematically. It is similar to playing in a soccer game. You want your opponent to be “a bit better” because you will rise to the level of the competition and that will ultimately make you better. Peers that are a bit better than you mathematically can help explain what you are struggling with but without making you feel intimidated. |

TEST CORRECTIONS

Students have the option to correct mistakes and earn back half of the missed points.

Requirements:

▪ Up-to-date on homework for that given unit

▪ Correction sheet is completed which includes reworking all missed problems and specifically explaining each error

▪ Correction sheet is signed by a parent or guardian

▪ Correction sheet along with the original test is returned to me within 5 days of getting the original test back

A Message to You

This is a HIGH SCHOOL level course and thus the EOC exam in June will count for 20% of your final grade. In other words, it is an advanced course. You will receive high school credit for completing and passing the course but your grade will not count toward your high school GPA. I expect you to be prepared to work extra hard every day! This requires self discipline!

Studying for the class is not optional. In order to be successful, you must study. Be sure to take detailed notes, ask for extra help, pay attention in class, complete your homework, rework problems, study with peers, etc.

Remember …

I am looking forward to working with all my students and families and I wish everyone a successful year in Math 1! - Mrs. Burke

SIGNATURES Please sign to indicated you have read and understand the guidelines for the class. Thank you!

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Print Student Name Student Signature

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Print Parent Name Parent Signature

