Math 11 Foundations

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Welcome to Math 11 Foundations. I am excited to explore mathematics with you. I hope that you will enjoy math as much as I do. To allow you the best opportunity to express your passion for mathematics I will have you sitting in groups and working with your peers as much as possible.

Please use your peers as a support network. No one (almost) can be successful at mathematics all alone. We need each other. You can always come see me if you need help. Don't suffer alone.

I will always (at least try) give you time during class to finish all of your homework. If you use class time effectively you should not have to worry about bringing homework home. The assigned work will always be posted to my website. Please check there if you miss a day.

Core Competencies:*We will always be looking to teach skills that will help all aspects of life. We will try to accomplish this in every class, every day.*

- ➔ Develop your communication skills
- ➔ Develop your critical and creative thinking skills
- ➔ Develop your personal and social identity

Strategies:

Group work	Peer tutoring / sharing
Vertical Surfaces	Class sharing
Projects	Lecture

Learning Standards:

Mathematical Reasoning	Angle Relationships
Graphical Analysis	Linear Inequalities
Quadratic Functions	Systems of Equations
Optimization	Applications
Statistics	Scale Models
Financial Literacy	

Assessment:
The majority of your mark will be from tests. We will have a test at the end of each chapter.

You will also be marked for a group project and regular assignments and quizzes.

You will be showing that you understand the concepts before the tests by participating in the many vertical surface activities that will allow you to show not only myself, but your classmates that you have mastered the relevant skill.

Discussing math and the concepts behind the math will be a key component of your learning.