



## Course Description:

In your past experiences with math, you have been exposed to so much information, but you may not have had the time to really learn how you can use that information to make decisions and solve problems that you encounter everyday. For this reason, this course focuses on how math can be used in particular areas of your life. Here are the units we will cover throughout the year (the order may vary)

### Math and...

1. Nutrition
2. Shopping Decisions
3. Statistics
4. Travel and Entertainment
5. Your Job
6. Your Car
7. Finances

We will be doing a lot of group work, in-class projects, and even some written reflections to ensure that you understand what you are learning. (Yes, you can write in math class too😊)

<u>Class Rules:</u>	
<b>Be a Learner</b>	<ul style="list-style-type: none"><li>➤ Participate in class</li><li>➤ Pay attention</li><li>➤ Ask questions</li><li>➤ Do not cheat or copy others' work</li></ul>
<b>Be Respectful</b>	<ul style="list-style-type: none"><li>➤ Be polite to peers and school staff</li><li>➤ Use quiet voices during class work when in the building</li><li>➤ Turn off cell phones and electronic devices during class (Phones can be a distraction to what you should be learning during a lesson—please put them away.)</li><li>➤ Turn off your microphone if you are not speaking during virtual classes to reduce feedback</li></ul>
<b>Be Responsible</b>	<ul style="list-style-type: none"><li>➤ Be on time to class</li><li>➤ Ask for help if you need it</li><li>➤ Complete all work by the due date to receive full credit</li><li>➤ Make up any missed work before the day of the unit test to receive half credit</li></ul>
<b>Be Positive</b>	<ul style="list-style-type: none"><li>➤ Use appropriate language</li><li>➤ Wear appropriate clothing to class (NO hats, hoods, or sunglasses)</li><li>➤ Turn on the camera during virtual lessons if possible</li><li>➤ Smile!</li></ul>
<b>Be Safe</b>	<ul style="list-style-type: none"><li>➤ Wear a mask that covers your nose and mouth during all lessons in the classroom</li><li>➤ Maintain a 3 foot distance from other students</li><li>➤ Keep hands, feet, and other objects to yourself</li><li>➤ You must sign out on the sheet in the classroom if you must leave the room for any reason</li></ul>

## **Consequences:**

This is a course required for many juniors and seniors for graduation. Inappropriate behavior will not be tolerated. If you cannot follow the class rules, you will be asked to leave and the school's disciplinary measures will be implemented.

## **Required Materials:**

- Pencils or pens (not purple or red)
- A “notebook”—a 1 ½ inch 3-ring binder with loose-leaf paper OR a folder
- A scientific OR graphing calculator
  - If you already have a graphing calculator, that's great! Otherwise, a scientific calculator will work fine and will be less expensive to buy
  - Recommended Scientific Calculator: TI34 Multiview
  - Recommended Graphing Calculator: TI 84+
    - Available as a free app download onto Android phones/tablets/chromebooks through Google Play Store: wabbit.emu
    - Available as a free app onto iphones but some functions may not work the same as an actual calculator: calc 84 or calculate 84
    - You will have access to a calculator in the classroom if necessary for the lesson

## **Organizing your Notebook:**

In this class, your binder or folder is the way that you bring your assignments back and forth to class and keep yourself organized. Since we do not have a textbook, I will be providing you with packets for each unit. The packet will be handed out to you in class at the start of each unit. Make sure you do not throw away the packets, quizzes, and tests at the end of each unit. I will store your materials in the classroom after each unit test. This way you will not lose it before the end of the school year. You will have a final exam that covers all of this material.

## **The Final Exam—20% of your Final Average**

In June, you will have an in-class final exam that will highlight the most important topics covered in each unit. We will spend approximately two weeks reviewing at the end of the school year together and you CANNOT be exempt from the final exam.

## Grading

<u>Category</u>	<u>Percent of Quarter Grade</u>
In-class Activities / Assignments (completion and accuracy)	50%
Quizzes	20%
End of Unit Tests (or Projects)	20%
Effort / Participation	10%

### Assignments:

You can expect that you will have an assignment to complete each class day. If you do not complete your assignment in class, you will be expected to complete it as homework and show it to me the following class day. Here is how your assignments will be graded:

- I will check to ensure you have tried all of the questions on the assignment to the best of your ability and showed the appropriate work
- You can earn up to two points on each assignment and will be graded with a check (2 points), check minus (1 point), or zero
- You have until the day of the unit test to make up late assignments for half credit (1 point instead of 2)

### Quizzes & Tests:

Throughout each unit, there will be quizzes to ensure that you are not falling behind on the material. The quizzes will cover whatever topics we have discussed since the last quiz or test. Sometimes we will review for the quiz in class and sometimes we won't (depending on the difficulty of the material as well as time constraints). You will have a test at the end of each unit or major topic. We will review the day before and you will have the entire class period to complete the exam.

### Effort/Participation:

#### **Each day you start with 2 points.**

- 2 points: → You are prepared with your packet, calculator AND a pencil/pen.  
→ You work quietly on individual assignments and cooperatively in groups.
- 1 point: → You show up to class without your packet, calculator, OR pencil/pen  
→ You do not work quietly on individual assignments OR cooperatively in groups.  
→ You show up to class late.
- 0 points: → You show up to class without at least two of the required materials.  
→ You do not work quietly on individual assignments AND uncooperative in groups.  
→ You do not come to class.

**For each day you attend extra help with me, you earn up to 2 participation points.  
(1 point if you have detention or only stay half of 9<sup>th</sup> period)**