

Ms. DelSolio
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Quantitative Reasoning Syllabus - 2021-2022

Google Classroom Code: pxwa3hj

This Quantitative Reasoning course has been developed to advance a student's ability to apply mathematics in real-world situations and contexts and to deepen a student's understanding of high school mathematics standards. In addition, a wide range of Personal Finance topics will be covered with the students to prepare them more for real-world applications of mathematical principles. Topics covered in this class may include, but are not limited to:

- The Real Number System
- Ratios/Proportions/Percents
- Probability and Statistics
- Linear Equations
- Simplifying Algebraic Expressions
- Systems of Equations
- Geometry
- Exponents and Polynomials
- Factoring
- Inequalities
- Absolute Values
- Functions
- Quadratics
- Measurements

Required Materials:

Each student should come to class prepared with a pencil, a calculator, a notebook and a folder. Also, students should bring their charged chromebook to class everyday as it may be used for assignments.

Grading:

Grading for this class is a points-based system. Each assignment, quiz, etc., is given a point value. The final grade is determined by adding up all the points and comparing that number to the total possible points.

All scores will be recorded on iPass as soon as they are graded. If you have a question or concern about your grade, you can schedule a time to talk to Ms. Delsolio before or after school.

Homework:

All homework assignments will be posted daily on our Google Classroom page. If you are wondering if there was homework, you should check the Google Classroom page.

Homework is a tool to help all students practice the skills they learned in class in a more independent setting. Homework will be assigned most nights. Often, the homework consists of worksheets, however other times it will be to study for an upcoming test/quiz. Written homework will be checked at the start of the next class day unless otherwise noted. Homework is expected to be completed to the best of the student's abilities. There will usually be a short period of time at the start of each class to review the previous night's homework assignment. Students are expected to follow along and correct the problems we review, as this will provide clear insight to whether or not they should seek extra help. Students will often be given time at the end of class to start their homework. Students should use this time effectively to complete the assignment and ask for help if needed.

You will receive half credit for late homework/classwork. If a student needs an extension for any reason, they must ask Ms. DelSolio at least **24 hours** before the initial due date. If they do not ask within 24 hours, students will be subject to losing points for tardy work.

Attendance/Participation:

Students are expected to come to class every day with their required materials. Class work will consist of note taking, classwork, open discussions,

and group/individual projects. Students are expected to participate in every dynamic of the class. Some work will be collected for grading and some will be used to help students facilitate their own understanding of the material.

Important note: you are never allowed to arrive to class late without a note from a teacher. Any late arrival to class will automatically cause you to receive a 10-minute teacher session after school. Failure to appear for your teacher session will result in a disciplinary referral and an official detention.

Make-Up:

Students are expected to maintain a high level of attendance at Winthrop High School (please refer to the Student Handbook). Assignments and assessments that are missed due to absences from class are expected to be made up in a timely manner. It is the responsibility of the student to complete and hand in any and all missed assignments. Any assignments not made up will result in a score of zero.

Winthrop High School Plagiarism Policy

Any student who cheats/plagiarizes on an examination, or any other assignment, shall receive a zero, and may not make-up such work. The students' parents/guardians will be notified.

Classroom Rules:

- Arrive to class on time and prepared to work.
- No food, drinks, or hats. Cell phone use will only be permitted if you check with your teacher first, and is reserved only for school-related matters.
- If you are caught watching Netflix/Youtube or any other videos that are not explicitly assigned by either myself or another teacher, you will first receive a verbal warning. If it happens again, you will receive a 10-minute teacher session after school.
- If you are caught playing any video games at all, you will first receive a verbal warning. If it happens again, you will receive a 10-minute teacher session after school.

- Be attentive and quiet when either the teacher or another student is speaking.
- Respect your fellow students. Everyone in this class has different learning styles and different strengths and weaknesses. We can help each other out, but we will NEVER put down another student in the class, ever.

Extra Help:

I am always willing to help out students before or after school. You can send me an email to ask a question, or schedule a time to meet. I am available everyday before school typically starting at 7:00am and after school until 2:25. I strongly encourage you to reach out to me if you are experiencing difficulty so we can set up a time for you to meet with me.

Vision of the Graduate

Winthrop High School strives to ensure its graduates are able to become productive citizens of their town, their state, and their nation. To do this, the school in 2011 embraced the following learning objectives, on which students are evaluated quarterly. Taken together, they express a community vision for what we want our graduates to be, know, and do.

WHS Students will become...

Critical Thinkers

- They will use, apply, and evaluate multiple problem-solving strategies in a variety of disciplines.
- They will be able to select, organize, and evaluate new ideas.
- They will demonstrate the ability to actively and critically read.
- They will develop the skills and acquire the knowledge necessary to prepare them for college and career success
- They will be able to set priorities, and manage their time and tasks.

Effective Communicators

- They will communicate ideas and information with clarity and with an understanding of their audience.
- They will integrate and use a variety of communication forms.

- They will listen effectively and respond appropriately to spoken communication.
- They will master standard English-language conventions.

Conscientious Citizens

- They will be aware of, and follow, their community's rules and laws
- They will respect themselves and the community at large.
- They will be aware of and respect social and cultural diversity.
- They will understand, promote, and show the importance of hard work to achieve success.
- They will own their mistakes, and will learn from them.

Creative Achievers

- They will show curiosity and enthusiasm in everything they do.
- They will work and think originally.
- They will appreciate the arts in their many forms.
- They will select, organize, and develop innovative ideas.
- They will build off the ideas of others.