

SAT Prep Course Online

Semester 1: Fall 2020

School: Kent Island High School

Teacher: Mr. Osuna

Prerequisites: Algebra I CC, Geometry CC, Algebra II CC
Reading Comprehension, Vocabulary in Context, Writing
Credit: One

Department: Mathematics

COURSE DESCRIPTION:

This course reviews essential topics in mathematics along with SAT Test Taking strategies in order to prepare students for their SAT Test. The mathematics section for this course will encompass topics introduced in Algebra I, Geometry, and Algebra II. In order to review for the Mathematics portion of the SAT Exam, we will review topics from all three pre-requisites including the Heart of Algebra, Problem Solving and Data Analysis, Passport to Advanced Math, and Additional Topics in Math by utilizing effective test taking strategies.

COURSE OUTCOMES:

In addition to reviewing essential topics in mathematics, reading, and writing, the course has been designed to:

- Familiarize students with the structure and rigor of the SAT Exam.
- Provide students an opportunity to identify and analyze current strengths and weaknesses and adjust their exam review accordingly.
- Introduce a variety of test-taking strategies to be utilized when taking the SAT Exam.
- Expose students to multiple full length SAT Practice Tests to synthesize practiced test-taking skills.

COURSE OUTLINE

Mathematics Topics:

- SAT Mathematics Section Structure Analysis
- SAT Math Strategies
- Heart of Algebra
- Problem Solving and Data Analysis
- Passport to Advanced Math
- Applying effective SAT math strategies to the appropriate problem
- Error analysis and reflection for all problem types in order to maximize the learning experience.

EXPLANATION OF ASSESSMENTS: Students will be graded using a variety of methods. These methods may include but are not limited to tests, homework assignments, projects, quizzes, and a final exam.

TEXTBOOKS/MATERIALS:

1. Laptop (Provided)
2. Internet
3. Pencils and erasers

4. Calculator from the TI-83 Plus/TI-84 Plus families
5. Three ring binder with loose-leaf paper, sections and tabs

CLASSROOM REQUIREMENTS/PROCEDURES:

ALL School Policies as stated in the student handbook/calendar are in effect at ALL times.
 Have all needed materials to complete online assignments.
 Be signed in and ready to work when the online class starts.
 Respect and be polite to all people.
 Listen when someone is talking.
 Respect other people’s property.

Assignment Policy:

- A. Assigned on a regular basis.
- B. Reinforces concepts studied in class.
- C. Work must be **turned in within 3 days of the due date** (unless circumstances for an extension have been approved by the teacher and/or administration) **without penalty.**
 - o Work turned in after the third day and by the teacher's established deadline may be subjected to a lower grade due to lateness, **not to exceed 10 percent per day.**
- D. Papers must **show all work and be neat & readable.**

Grading Policy:

Percentage Scale:

Cumulative Grade:

- | | |
|---------------------------------------|------------|
| 1. Progress (Homework/Quizzes) | 50% |
| 2. Mastery Assessments | 50% |

- | | |
|-------------------|----------|
| 90 - 100= | A |
| 80 - 89 = | B |
| 70 - 79 = | C |
| 60 - 69 = | D |
| Below 60 = | E |

This course is designed to help prepare students for the SAT Exam. Students are expected to login on time, be prepared daily, and give 100% effort in order to be in the best possible position to succeed.

I acknowledge that I have read the syllabus for the **SAT Prep: Mathematics**

Student Name (Printed): _____

Student Signature:_____

Parent/Guardian Signature_____

Parent/Guardian Name (printed): _____

Parent/Guardian Phone Number: _____

Parent/Guardian Email address: _____

Comments: