



Welcome to the 11th Grade!

The 11th Grade Team is so excited to begin the school year with the students and parents of the Class of 2027! Junior year will challenge students (and parents) in ways that are intimidating, enlightening, necessary, and exciting. It's our goal as an 11th Grade Team to push and support every student and family through the coming months. It's going to be a great year!

During the first week of school, we will be sharing information with you on the basic expectations and operations for each class—but until then, below is a brief introduction to the core classes most of you will be taking this year, as well as supply lists that will help set each student up for success right out of the gate.

American History

Our American History course examines America's mission to create a more perfect union. During the first semester, we examine the struggle to form a more perfect union through the actions and accomplishments of civil rights movements; including Native Americans, African Americans, Women, Immigrants, Impoverished Americans and LGBT movements. During the second semester, we examine the struggle to create a more perfect world; including America's involvement in the Spanish American War, World War I, World War II, The Cold War, The War on Terror and beyond. Throughout the year, we ask and answer three major questions: What is the changing role of the United States government in citizens' lives? How have specific individuals and groups worked to form a more perfect union? What is the changing role of the United States in world affairs?

Math III

My name is Teshale Byan. I am very excited about the opportunity to have your child in my class this year. I am looking forward to an enjoyable, educational, and positive learning experience for all my students. Everything students need to succeed in my class can be accessed through Canvas under my weekly Modules. You can also find more information about my class in the course syllabus on Canvas. I believe everyone has different learning styles and I will do my very best to get to know my students' learning

preferences to serve them best. I want to let you know that I am open to any suggestions that will help your child excel in math class. I would also appreciate any kind of support you can give your child at home. I am available to answer any questions that you may have. I have found that email has certainly made communication with parents much easier; however if there is an urgent matter, I would like to contact you via phone. My email address and phone number are listed below. Again, I am thrilled to have your child in my class, and I am looking forward to a productive and exciting school year.

Math IV (Teacher: Caleb Melton)

This course is designed to prepare students to take college-level Algebra, PreCalculus, or Statistics. The primary focus of this course is on functions and statistical thinking, continuing the study of algebraic functions, trigonometry and statistical concepts previously experienced in NC Math 1, 2, and 3. The first half of the year focuses on algebra and trigonometry, and the second half of the year focuses on data science/statistics.

AP PreCalculus (Teacher: Caleb Melton)

This course is intended to prepare students for AP Calculus AB and other higher level mathematics. In this course students will use and expand their knowledge and understanding of topics learned in Math 3, such as real and complex numbers, functions, equations and expressions, modeling polynomial and rational functions, exponential and logarithmic functions, and analytic geometry. A large portion of the classes focuses on trigonometric functions and their applications. In addition, students will study vector theory, matrices, polar coordinates, and parametric equations.

Chemistry and Honors Chemistry with Mary Smith

We will do many experiments and investigations and the class will be fun and collaborative. Students will learn chemistry topics in the order that scientists unveiled them including atomic kinetic theory, gas laws, ionic and covalent bonding, bond energy, chemical reactions, and stoichiometry. In addition to learning these topics, students will also practice asking questions, designing experiments, technical writing, and technical presentation skills. Students in honors chemistry should expect to have weekly homework that includes pre-lab reading, practice problems, and finishing up lab reports and projects started in class. Honors chemistry students will be expected to reach a higher level of mastery of each topic in order to prepare them for further study in the basic sciences or engineering in college. I'm excited to teach your students and enjoy teaching diverse learners! Please make note of the required supplies below and reach out if you have questions or concerns. I've asked

that each student purchase a lab notebook (see list below). Please let me know if you need help with this. Msmith@thefsi.us

English III (Teacher: Colin Isaacs)

In English III, we will focus on mainstays of American literature, with emphases on gaining skills in rhetoric and argumentation. Students in this class will read a blend of literary works, ranging from texts as old as *The Great Gatsby*, and as contemporary as Hanif Abdurraqib's essay "Nine Considerations of Black People in Space." The primary goal of English III is two-fold. First, it's important for students in English III to gain awareness and comfort with their own writing style and mechanics. Second, students should leave the class confidently applying their unique writing styles to various forms of analysis, argumentation, and narrative writing. I know every student has a different relationship with reading and writing, and every student should find themselves included and encouraged to be an active participant in our literary work this year.

AP English Language and Composition (Teacher: Colin Isaacs)

AP English Language (AP Lang for short), is unlike most English classes students will have taken up to this point in their academic careers. AP Lang is, first and foremost, a college-level English class. Students will be asked to work every day to prepare for the class, and will be held to college-level expectations from the first day of school. While we will engage with several works of American literature in the class, our focus will largely be on rhetoric and argumentation. Students will read largely works of historical and contemporary nonfiction, supplemented by poetry and novels at times. In AP Lang, students write. They write a lot. Within the first quarter, every student's writing style should shift dramatically away from the first few assignments they turn in. In order to accomplish this, students in AP Lang should expect to complete multiple assignments each week after class, in order to keep up with the pace and rigor of the course. With that being said, AP Lang is a class in which any student can find success, regardless of reading or writing ability entering the grade.

Supply Lists

American History

Three Ring Binder

Loose Leaf Paper

Pens, Pencils, Highlighters

AP Lang

Three Ring Binder

Loose Leaf Paper

Pens, Pencils, Highlighters

English III

Three Ring Binder

Loose Leaf Paper

Pens, Pencils, Highlighters

Math III & AP Calculus -AB

Composition notebook (graph paper)

Graphing Calculator (TI-83 and plus if available - optional)

Pens, Pencils, colored pens for notes and graphs

Ruler (Compass set)

Chemistry

Lab notebook like this: [Option 1](#), [Option 2](#), [Option 3](#)

Folder or 1.5 inch three ring binder for handouts

Pens, Pencils, colored pens for notes and models

Optional for classroom donation: sticky notes, small plastic cups

AP Seminar

Three Ring Binder

Loose Leaf Paper

Pens, Pencils, Highlighters

Math IV, PreCalculus,

- 3-ring binder (1.5-2 inches)
- For AP PreCalculus a graphing calculator (e.g. TI-84) will be essential, but some will be available for your use in class if buying one is a financial hardship.