

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 2024! 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.

Fees: There is a one-time \$15.00 materials fee, which covers things like expedition materials, science labs, supplemental reading books, workbooks and other instructional consumable materials. The school will send out invoices for the consumables fee through email at the beginning of the school year which can be paid online or by cash or check.

American History (Teacher: Devan Dixon - ddixon@thefsi.us)

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?

Instructor: Tess Barnes Dunn

Math III (Teacher: Teshale Byan - tbyan@thefsi.us)

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 - cmelton@thefsi.us)

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 - cmelton@thefsi.us)

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.

AP PreCalculus Summer Work

Please complete this [Summer Assignment for AP Precalculus](#). It contains some of the basic algebra needed to be successful in Precalculus. Please submit a **hard copy** of the assignment on the first day of classes. Your responses can be written on the assignment itself or on notebook/graph paper. There will be a quiz on the material at the end of the first week. If you need any resources to help you with these problems, please reach out to me via email.

AP Statistics

This course is an introductory college-level statistics course that introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students cultivate their understanding of statistics using technology, investigations, problem solving, and writing as they explore concepts like variation and distribution; patterns and uncertainty; and data-based predictions, decisions, and conclusions.

AP Statistics Summer Work

Please complete this [Summer Assignment for AP Statistics](#). It includes an introductory letter with an explanation of the assignment as well as a link to some resources that will help you complete it. Please submit a **hard copy** of the assignment on the first day of classes. Your responses can be written on the assignment itself or on notebook/graph paper.

Chemistry (Teacher: Rashalai Koisaba - rkoisaba@thefsi.us)

We will explore chemistry through the lens of 5 questions: Should we look for life on other planets? Why do cars run on gasoline and not rocket fuel? Why are the shellfish dying? How can a small amount of nuclear material power an entire city and also destroy it? And, Is there a way to stop or slow polar ice melting before the sea level rises too much? By delving into these topics, we will learn about atomic structure, ionic and covalent bonding, bond energy, chemical reactions, acid and base chemistry, and radioactivity on a need to know basis. Students will be asked to ponder these questions and generate questions of their own. We will do many experiments and investigations and the class will be fun and collaborative. 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.

Chemistry Honors (Teacher: Rashalai Koisaba - rkoisaba@thefsi.us)

Students will learn chemistry topics including atomic structure, ionic and covalent bonding, bond energy, chemical reactions, stoichiometry, acid and base chemistry, gas laws and radioactivity. This course is intended to prepare students for further study in the basic sciences or engineering in college. In addition to learning these topics, students will also practice asking questions, designing experiments, technical writing, and technical presentation skills. We will do many experiments and investigations and students will have opportunities to apply their chemistry knowledge to broader topics of interest. Students in honors chemistry should expect

to have weekly homework that include practice problems and finishing up lab reports and projects started in class. I enjoy teaching to diverse learners and always seek to help students figure out how to be successful in my class. Please don't hesitate to reach out if you have questions or concerns. rkoisaba@thefsi.us

English III (Teacher: Bryan Head - bhead@thefsi.us)

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. If you have any questions, please feel free to contact me at bhead@thefsi.us

AP English Language and Composition

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. If you have any questions, please feel free to contact me at bhead@thefsi.us.

AP English Language and Composition

AP Lang students were asked to attend a meeting the penultimate week of school explaining the expectations and logistics for their homework this summer. On June 12th, An email will be sent out to each AP Lang student enrolled in the class next year that contains instructions and materials to complete the two assignments students will be responsible for. **It is imperative that students pay attention to their email over the summer, especially around June 12th and July 15th.** The first assignment, a “synthesis argument” post, is due July 15th via Google Doc. The second assignment, a chunked rhetorical analysis, is due the first day of class. I will not accept any late assignments beyond the first day of school. These assignments will factor into students’ Quarter 1 grades.

Supply Lists

American History

1 regular-sized composition notebook - no spiral notebooks, please!

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

Spiral notebook with pockets for chemistry only

Pens, Pencils, colored pens for notes and models

Scientific Calculator- [TI-30XIIS™](#), [TI-30XS MultiView™](#), [TI-36X Pro](#)

Optional for classroom: sticky notes, small plastic cups

Chemistry Honors

Spiral notebook with pockets for chemistry only

Pens, Pencils, colored pens for notes and models

Scientific calculator- [TI-30XS MultiView™](#) or [TI-36X Pro](#)

Optional for classroom: sticky notes, small plastic cups

AP Seminar

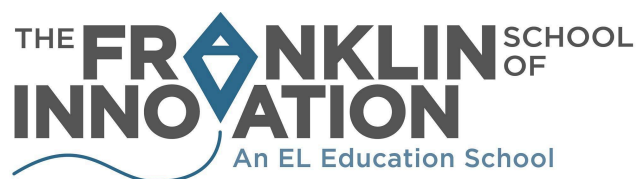
Three Ring Binder

Loose Leaf Paper

Pens, Pencils, Highlighters

Math IV, PreCalculus, AP Statistics

- 3-ring binder (1.5-2 inches)
- For AP PreCalculus and AP Statistics, 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.



High School Electives Course Supply List 2023-2024 School Year

Electives				
Spanish I & IV/V Instructor: Kabat	Spanish II & III Instructor: Walden	French I, II Instructor: Arnold	French III Instructor: Gerber	Honors Filmmaking Instructor: Lubos
Spanish 1: *One folder to keep with you or keep in class Spanish 4/5: *One folder to keep with you or keep in class -OR- *Continue using your composition notebook from last year Optional: *1 pack of pencils for the classroom	Spanish 2 & 3 *One composition notebook to leave in class (or daily computer access) *1-2 rolls of scotch tape or refills	French 1&2 - 3 ring binder		<u>Required:</u> *sketchbook/composition journal *a folder or other content binder to house documents/handouts <u>Recommended:</u> *Flash drive (for media storage and transferring files from devices) *A video recording device (smartphone as a bare minimum) *Access to films (Streaming services like Netflix and/or a library card to rent DVDs)

Spanish 2 : One composition notebook OR Continue using your composition notebook from last year Spanish 3: One composition notebook OR Continue using your composition notebook from last year				
Electives				
Theatre Instructor: Wharton	3D Art / Art 4 Instructor: Robbins	Art 1 Instructor: Robbins	Art 2/3 Instructor: Robbins	AP Studio Art Instructor: Robbins
1 - 3 Ring Binder (1 inch) or 1 Folder with pockets. Highlighters Pencils Pens Colored Pencils Optional extra class donations: *Colored construction paper *Colored printer paper *Notebook paper *Sharpies, markers and crayons to keep in the theatre classroom *paper towels	<u>To keep and use:</u> *One sketchbook, preferably 9x12 and wirebound	<u>To keep and use:</u> *One sketchbook, preferably 9x12 and wirebound <u>Required to donate to classroom use:</u> *2 fine tipped sharpies *2 ultra fine tipped sharpies *One eraser *One glue stick	<u>To keep and use:</u> *One sketchbook, preferably 9x12 and wirebound *set of micron pens, variety of sizes <u>Optional:</u> *Set of drawing pencils *set of micron pens, variety of sizes <u>Required to donate to classroom use:</u> *2 fine tipped sharpies *2 ultra fine tipped sharpies *One Eraser *One Gluestick	<u>To keep and use:</u> *One sketchbook, preferably 9x12 and wirebound <u>Optional:</u> *Set of drawing pencils *set of micron pens, variety of sizes

Electives				
Honors Forensics	Honors Filmmaking Instructor: Lubos	Public Speaking Instructor: Wharton	Adventure Ed. Instructor: Gerber & Potter-Bowers	AP Government Instructor: Johnson
One 1.5" binder or a file folder envelope	<u>Required:</u> *sketchbook/composition journal *a folder or other content binder to house documents/handouts <u>Recommended:</u> *Flash drive (for media storage and transferring files from devices) *A video recording device (smartphone as a bare minimum) *Access to films (Streaming services like Netflix and/or a library card to rent DVDs)	→ One 1" binder or a folder with pockets → Highlighters	<u>Required:</u> *Water bottle *All-weather gear, including sun protection, close-toed shoes, rain gear *Day pack *Nature journal & pencil	*One 3 ring binder (I would recommend at least 5 dividers) *Notebook paper *Highlighters *Pens/Pencils *composition notebook *4 poster boards
Electives				

Classroom Shared Supplies (Donations appreciated!)

- Pens/ Pencils
- Markers/ Colored pencils
- Boxes of tissues
- White board markers/Expo Markers
- Whiteboard erasers
- Glue sticks
- Scotch tape refills
- Bright poster paper
- 4 heavy duty electric pencil sharpeners
- Sharpies
- Binder Clips
- Highlighters

Teacher Wish List Items (Optional for all grades):

*If you would like to support our high school classrooms, we would love donations of any of the following items at the beginning or throughout the school year:

- Post-It Super Sticky Easel Pads (These are the big ones. Approximately 25 X 30 inches)
- Donations of any of the student supplies to support families with financial needs
- Extra 3 ring binders for students who cannot afford them
- Extra 8 $\frac{3}{8}$ x 11 inch, 80 page composition books for students who cannot afford them
- Extra Composition books for students who cannot afford them (pictured to the right)
- Extra 2 subject spiral bound notebooks for students who cannot afford them



Thank you so much for your support in helping your student be ready for the beginning of school. If you have any questions about supplies, please feel free to reach out to the individual instructors of each course. If you are unable to purchase supplies for your students, please reach out to MK Hyche, our school counselor, about donations.