



Mission Statement

Our mission at Tampa Bay Torah High School is to provide an excellent Torah and College Preparatory program that inspires our students to lead lives dedicated to Torah values, the pursuit of higher education and personal growth, resulting in a successful interface with an ever changing world.



The vision we have for our students is for them to be committed, proud, and learned Jews who understand their roles within the Jewish Community and the world at large. They will recognize the importance of developing good character traits and integrity, and they will treat all people with respect. They will have a thirst for acquiring greater knowledge while pursuing their spiritual and academic goals.

TBTHS is modeled on Valley Torah High School in Los Angeles. With nearly 50 years experience, and alumni who are Jewish and lay leaders around the world, we envision a High School that will mirror this success.



Dear 8th Grade Parents,

Thank you for joining us at the inaugural Open House of Tampa Bay Torah High School. The creation of this school is an historic moment for the Tampa Bay Jewish community. Tampa Bay has flourished in so many ways, as can be seen by the beautiful downtown skyline and the vibrancy of the city; but for the Jewish community there has been a void, the lack of a Jewish high school. We are proud to fill that void in a way that creates a stronger Jewish community and will, with G-d's help, build students into the future leaders of our community.

Consideration of which high school to send your child to is more than merely deciding where he or she will spend the next 4 years of education. These years are critical to their development socially, emotionally and religiously. Relationships created over these years often last a lifetime, whether it be with peers, Rabbis, mentors or teachers. As well as providing a well-rounded Judaic and Secular education, we aim to create memories to go along with these lasting relationships.

Joining TBTHS by enrolling your 8th grader is not just joining a school - you will become a part of the TBTHS family. We look forward to witnessing your child grow with us, and flourish from a questioning, young teenager into a confident, educated adult leader who is proudly Jewish.

I feel privileged that you are considering TBTHS for your child. Together with a dedicated team of teachers, administrators and advisors I am excited for our future! Joining the inaugural class of TBTHS will ensure that your family will be a part of this history-making venture that, with G-d's help, will strengthen our Tampa Bay Jewish Community.

Sincerely,

Rabbi Yossef Stulberger
Head of School

TBTHS Administration



Rabbi Yossef Stulberger
Head of School



Rabbi Jeremy Rubenstein
Executive Director

Educational Advisors



Rabbi Avrohom Stulberger
*Dean & Rosh HaYeshiva
Valley Torah High School*



Mr. Tomer Kleinman
*General Studies Principal
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*Dean of Students
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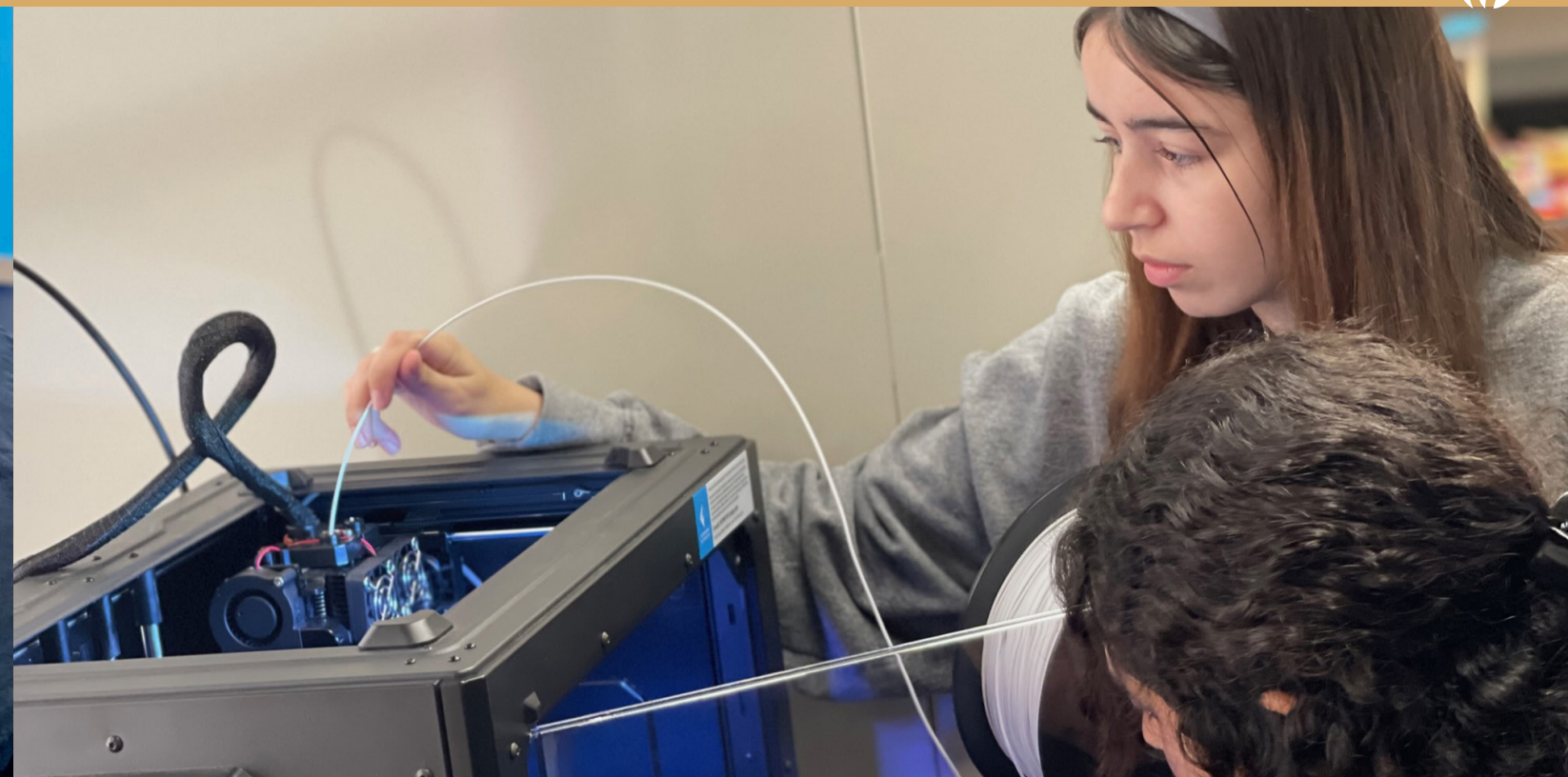
Torah Studies at TBTHS



The most pivotal goal for each student is to grow in his or her *ruchnius*, spirituality. The Torah studies curriculum is designed as a means to achieve this goal - striving to achieve a closer connection to G-d and acquire a greater knowledge of Judaism. Every student is challenged by our teachers, and through rigorous Torah study, will have every opportunity to achieve growth in the areas of *Yiras Shamayim* (Fear of G-d), observance of *mitzvos*, and improvement in *Middos Tovos* (character traits). Our goal is for each student to develop the learning skills that are necessary for independence in Torah learning.

Upon graduating, students are prepared to continue their post high school Jewish studies in any of the many Yeshivos or seminaries in America and Israel. Besides for the strong Torah academics provided at Tampa Bay Torah High School, we recognize that the growth of a Torah Jew goes beyond the text. A well rounded Jew needs a spiritual and emotional connection as well. Our students are taught the importance of *tefilla* (prayer), and respect for proper decorum.

We provide many opportunities for “out of the classroom” spirituality. Whether it is one of our Shabbaton weekend retreats, a *kumzits* or engaging in *chessed*, the TBTHS student is taught to connect.



General Studies at TBTHS



TBTHS aims to excel at providing a challenging, meaningful and well rounded General Studies program that is focused on individual strengths and igniting passions. Our students will be challenged with a rigorous and relevant curriculum, while given the academic freedom to discover intellectual and personal passions. Taught by a highly skilled team of educators, our students will be instilled with a desire for a lifelong pursuit of knowledge and meaningful application of that knowledge to the world around them. It is for these reasons our students will be prepared for and accepted to the top Universities across the country.

We are committed to developing the full potential of all of our students. The curriculum offers a wide array of AP classes that are challenging and helpful for the college acceptance process. We foster an educational environment that encourages critical thinking, creativity and inspires confidence. This General Studies experience builds life and leadership skills and nurtures the intellectual, social and spiritual development of our students. Our students will graduate prepared to interface with our ever changing world. Many of our alumni have become successful leaders in the Jewish and Global community.



Israel Guidance

At TBTHS, a school inspired by the principles of Valley Torah High School, we prioritize the tradition of our students spending a post-high school year in Eretz Yisroel. Similar to the approach taken by VTHS, we place significant emphasis on solidifying the students' Torah education by encouraging them to dedicate a year to studying in Israel. Engaging in Yeshiva or seminary studies post-graduation fosters a profound connection between young adults and the teachings of Torah.

Recognizing the value of this immersive experience, colleges endorse the concept of a "gap" year abroad, understanding that it contributes to the development of well-rounded and mature students. Our Israel guidance counselors are committed to staying updated on the evolving landscape of Yeshivos and Seminaries in Eretz Yisroel, ensuring they can effectively guide and direct our students toward the most suitable options. Through collaborative efforts with parents and students, our counselors identify and recommend the best schools to tailor the experience to each individual's needs.

VALLEY TORAH ALUMNI HAVE ATTENDED			
YESHIVOS		SEMINARIES	
Aish HaTorah - Gesher	Mikdash Melech	Ateres	
Ateres Yerushalyim (AJ)	Ner Yisroel	Bnot Torah Institute (Sharfmans)	
Bais Yisroel	Ohr Dovid	Darchei Binah	
Chofetz Chaim	Ohr Somayach - Derech	Me'ohr Bais Yaakov	
Derech	Ohr Yerushalayim (OJ)	Michlalah	
Derech Etz Chaim	Reishit Yerushalayim	Michlelet Mevaseret Yerushalayim	
Eretz HaTzvi	RSA - Chofetz Chaim	Midreshet HaRova	
Gush Etzion	Shaarei Mevaseret	Midreshet Tehillah	
Kerem B'Yavneh	Shalavim	Shalavim	
Lev HaTorah	Toras Moshe	Tomer Devorah	
Merkaz HaTorah	Toras Shraga		
Midrash Shmuel	Yeshiva Tiferet (TJ)		

College Guidance

At TBTHS, our commitment to college guidance commences in the ninth grade, mirroring the established practices of Valley Torah High School. We meticulously assess every student's grades and standardized test scores to gauge their academic progress and identify areas for improvement. The college guidance department at TBTHS is dedicated to providing informative seminars for both parents and students, covering essential topics such as SAT preparation, interpreting PSAT and PLAN Grades, Paying for College, College election process, and The College Application Process.

In the junior and senior years, TBTHS adopts a personalized approach, working closely with each family to pinpoint the college that best suits their student. Our counselors engage in one-on-one sessions, guiding students through every step of the college application process, ensuring a seamless transition from the beginning to the end.

VTHS COLLEGE ACCEPTANCES	
American University	Occidental College
Boston University	Purdue
Brandeis	Queens College
Cal State, Channel Islands	St. Johns University, New York
Cal State, Los Angeles	Swathmore
Cal State, Northridge (CSUN)	Touro College
Columbia University	UC, Riverside
Cornell University	UC, Irvine
Gaucher College	UC, Los Angeles
George Washington University	UC, San Diego
Harvard University	UC, Santa Barbara
Hunter College	University of Maryland
Johns Hopkins	University of Pennsylvania
Lander College	University of Wisconsin
Loyola Marymount University	USC
McGill University	Yeshiva University
New York University	



Boys Out of Classroom Experience

One of the defining characteristics that makes TBTHS unique is the connection with Rabbis, teachers and friends built outside the classroom. Over a student's four year high school career at TBTHS, he will experience Shabbatons, Friday night Onegs, Chanukah and Purim Chagigas, Melave Malkas amongst many other events. From those who have experienced such events, these shared activities have remained with them as turning points in their lives - lifelong relationships with Rebbeim and friends that were kindled on these trips. Recreating the almost unanimous highlight for TBTHS students, as told by Valley Torah alumni, is the biennial Week-a-ton - a four day trip that takes our students and Rebbeim to some of the most majestic, incredible locations in the United States. Some of Hashem's natural wonders in National Parks are experiences not to be missed!



Athletics Electives

TBTHS Athletics is excited to provide students with the opportunity to engage in sports that they love, fostering friendship, camaraderie, and character development. Drawing inspiration from the successes of Valley Torah High School, we aim to create an environment where students can participate in sports not just for competition, but for personal growth and enjoyment.

At TBTHS, we believe in the transformative power of sports in shaping individuals and building lasting connections. While we are a new high school, we are committed to cultivating a positive and supportive athletic community. Our goal is to offer a variety of sports, giving students the chance to explore and embrace their interests.

TBTHS envisions sports as a platform for students to forge meaningful friendships and develop character

traits that extend beyond the playing field. We understand that participation in sports is not just about winning championships; it's about the journey, the lessons learned, and the memories created.

As we embark on this journey, TBTHS is dedicated to providing a welcoming space for students to discover their passion for sports. We celebrate the joy of playing, the lessons of teamwork, and the growth that comes from facing challenges on and off the field. Our aspiration is to create a close-knit community where students can not only pursue their athletic interests but also develop into well-rounded individuals.

TBTHS Athletics invites students to join us in this exciting venture, where the focus is not only on the game but also on the values, connections, and personal growth that come with being part of a supportive and inclusive athletic community.



Student council at TBTHS is out of this world. Students are empowered to plan, prepare and execute incredible and meaningful programs. Our goal is to create fun and excitement that permeates the halls of the school that inspires tremendous positivity. Some of our highlights are our Shabbaton, Chanukah Chagiga, Purim Chagiga and Spring retreat.

At TBTHS we will have several Yemei Iyun (seminars) each year. We hear from phenomenal speakers and craft a hands on day of learning that is geared towards character development and personal growth. These experiences are very meaningful and give our students tremendous inspiration.



Electives

TBTHS offers a range of electives. One elective is taken each semester and they each meet one period per week.

Co-curricular

Students are encouraged to participate in co-curricular programs to further explore and develop themselves.

These programs may include: Chesed Program, Israel Advocacy, Mock Trial, Yearbook, Gardening Club, Literary Journal

Mechanechet Program

At TBTHS we believe that the values and perspectives we give over to our students are transmitted through a conduit called relationship.

This is the goal of our Mechanechet program. To ensure each student has the opportunity to foster and build a relationship with a teacher and has a strong sense of belonging to her class.

In order to accomplish this goal, each grade has a Mechanechet, or mentor, who facilitates social, emotional, and spiritual growth for each student through individual relationships and grade-wide events. The Mechanechet plays a crucial role in each student's high school experience often creating connections that last well beyond high school.



Boys Torah Studies Curriculum

GEMARA

9th Grade Gemara

In this course, emphasis is placed on the Talmud structure and its unique problem-solving process, as well as the terminology that must be mastered for successful Talmudic study. The purpose of this course is to help each student master the basics of Talmud study. Additionally, a special focus is placed on acquiring Talmud reading skills and students are familiarized with the components of the Talmudic page and the function of each segment. In addition, students master Rashi script and the reading of his selected commentary.

9th Grade Honors Gemara

In this Honors Talmud course, the primary goals are to help students appreciate the Talmud as the foundation of day-to-day practice and to acquire the necessary skills to make Talmud study a life-long process. The format of the class includes conventional and cooperative (chavrusa) study. At this level, students must demonstrate knowledge of general Hebrew and Aramaic vocabulary, Talmud terminology and display understanding of the Talmudic thought process. These skills allow students to engage in the independent study of the Talmud. Special emphasis is placed upon utilizing Rashi and Tosafos as a primary tool in understanding the Talmud.

10th-12th Grade Gemara

The continuing Gemara study following the 9th grade course cultivates the skills acquired to enable the student to master independent Talmud study. Cooperative (chavrusa style) learning under the guidance of a Rebbe is a tool that is instrumental to achieving this outcome.

Key Talmudic words, phrases, terminology and structure of the Aramaic language are developed throughout high school. The hierarchy of Halachic authority is of paramount importance; including differentiation between Mishnah and Beraisa, Tannaic and Amoraic statements. Beginning with study of selected Tosafos from the text, students will work their way up to studying Rishonim and Acharonim and comparative analysis of differing opinions.

Through collaboration exercises, students

will enhance their ability to research and develop their own ideas that can help solve the intricacies of the Gemara.

CHUMASH

9th Grade Chumash

In this course, students learn Chumash while developing their critical thinking skills. While English is the primary language used for instruction, the instructor places emphasis on students' Hebrew vocabulary development utilizing Hebrew frequently. In addition, students analyze word and sentence structure including gender and tense. These elements are essential for independent Chumash study.

9th Grade Honors Chumash

In this course students learn to identify and formulate textual difficulties. Students engage in the study of Rashi and its accompanying commentaries. In each commentary, key terminology is identified, with special emphasis placed on understanding the manner by which the commentary stems from serious textual analysis. Students are expected to demonstrate a rich accumulation of content knowledge and terminology in the Books of the Chumash.

10th-12th Grade Chumash

The Chumash study following 9th grade, depending on the students level of fluency in Torah Hebrew and grammar, begins with focus on mastery of skills necessary for reading and understanding Chumash and Rashi. More advanced classes will expect students to prepare Biblical passages on their own and to identify nuances that prompt questions. Emphasis is placed on students generating textual and logical support for the commentators' positions under study.

Critical thinking is an essential skill required for a student to succeed in higher level, fast paced and challenging courses. The goal for each student is to gain the ability to engage in independent study of Chumash, conducting comparative analysis of commentators including Rashi, Ramban, Rashbam and

Seforno.

MUSSAR & HASHKAFAH

Weekly shmuessen from the Rosh haYeshiva deal with timely topics that allow our students to understand and confront today's challenges with the Torah perspective. Separate mussar and hashkafah sessions are given by each Judaic studies teacher in their respective classes. Our entire Torah curriculum is infused with a focus and sensitivity to character development and maximizing our spiritual potential.

DINIM

Our four-year Halacha curriculum consists of the following topics: Hilchos Tefillah, Hilchos Berachos, Hilchos Shabbos, Hilchos Chagim, Hilchos Kashrus. Each course is text based with the text varying by topic and level. Students in the higher level classes become fluent in the use of the Mishnah Berurah.

B'KIYUS

In this course students will discover various tractates such as Megillah or Makkos. The approach of this class is a faster paced program. Finishing the complete tractate(s) is a strong goal of the B'kiyus class. Students will gain a greater degree of Gemara fluency as well as a broader exposure to unique gemara segments and skills.

MISHNAH

Our Gemara program is supplemented with the study of the tractate of Mishnah corresponding to the Gemara being studied in class. Every class works to finish the tractate of Mishnayos which culminates in a school-wide Siyum at the end of the year.

INSPIRATION

In addition to the weekly Shmuessen, numerous guest speakers will be hosted throughout the year. Our students have been privileged to be inspired by world renowned Rabbis and inspirational speakers from throughout the United States and Israel. Grade level Lunch & Learn programs are regularly well attended.

Girls Torah Studies Curriculum



CHUMASH

The Chumash curriculum expects that foundational skills such as Hebrew syntax, grammar, Chumash/Rashi vocabulary, and overall better Chumash comprehension will be mastered over the course of a student's Chumash education.

As we go through the various topics in Chumash, we learn in depth, using both classical and contemporary meforshim to help us understand the deeper meaning of the text.

Hashem speaks to us through the age-old wisdom of Chumash and every Sefer we learn together is bursting with applicable life lessons and a glimpse into the wonderful miracle that is the Jewish people.

K'riah (Hebrew reading proficiency) is an essential skill, students will be assessed on their ability to read both P'shat and Rashi, which is reflected as a separate grade on their report card.

HALACHA

The Halacha Curriculum touches on a broad number of topics that enables students to apply Halacha to their daily lives and give them a framework to lead a Jewish lifestyle guided by a Halachic authority.

Throughout each grade, students are introduced to different aspects of the history and mechanics of Jewish Law, as well as halachos that pertain to chagim throughout the year.

At each grade level, students will focus on particular topics.

NAVI

Through out the Navi course, as our students study the pesukim and messages of the prophets, they are strengthened in their belief in Hashem and they appreciate His special hashgacha on Am Yisroel.

Our goal in each class is to find relevance to the words of the Navi in our daily lives.

Active learning is an essential part of this class, with an emphasis on being able to translate key phrases. Our learning is enhanced with in-depth study of a variety of commentaries to help better understand the message of the narrative.

KESUVIM

TEHILLIM

The timeless work of Dovid Hamelech, Sefer Tehillim, is a source of hope, solace, and connection to Hashem. The perakim we focus on are those most commonly recited in our weekly tefilos.

We use a range of multidisciplinary approaches and a combination of learning styles to apply the lessons to our daily lives. The trials, triumphs and hopes of King David are an inspiration and legacy to the Jewish people. The class is taught from the perspective of different meforshim to give students a varied understanding of the text.

MEGILLAH

This course covers Koheles, Esther, Rus and Eicha. Learning methodologies include projects, instructional learning and class discussions. There is a dual goal to provide historical background and context for each Megillah, as well as the specific lessons and message we are meant to extract from each sefer.

PARSHA

As preparation for each weekly class, students receive a Parsha worksheet that they complete on their own. In class, we review the main concepts of the parsha. We then focus on a Dvar Torah which brings the parsha alive and applies the parsha into our daily lives. One goal of the course is for every student to eagerly share the ideas and Divrei Torah she learned with her family at the Shabbos table.

HAFTORAH

This course aims to assure students understand how the haftorah connects to the weekly parsha and an opportunity for students to explore the timeless messages of the neviim and gain a better understanding of how they are still applicable to our lives today.

IVRIT - HEBREW LANGUAGE

Hebrew language Ivrit program cultivates all aspects of Hebrew language learning - conversations and literature, grammar and factual information, poetry, drills, exercises and topics for lively discussion, songs and moral dilemmas, writing and independent reading, current events and Biblical texts. Technology enhances and supports learning with audio recordings, interactive exercises, documentary films, and more. As students

speak, read, write, and listen to spoken Hebrew, they encounter new viewpoints on daily life in Israel, Jewish tradition and history, and general world knowledge.

Mussar & Hashkafah

Throughout high school, various courses are offered that focus on character development and Jewish outlook. A Focus is placed on the special role each individual plays as a Jewish woman. Students will be encouraged to think about their purpose in life and determine the value of developing their inner selves. They will explore methods and traits involved in transformation of self through the teachings of our Sages.

BEIUR TEFILLAH

Beur Tefilah class will help create an awareness of Hashem's presence and involvement in every aspect of our lives. In addition it will give students the tools to develop a deep and meaningful relationship with Hashem through the understanding of the Shemonah Esrei.

PIRKEI AVOS

This course is designed to fill three objectives: to understand the general content of the entire Sefer of Pirkei Avos; to highlight and focus on select Mishnayot; and to relate the teachings of the entire Sefer of Pirkei Avos to our everyday lives by extracting life lessons through parables and stories.

HASHKAFAH

Exploring the underpinnings of why we do what we do - from the prayer to Mitzvos to moshiach - this course deepens our understanding and connection to these and many other topics fundamental to Jewish thought.

MUSSAR

12th grade mussar explores themes in personal development through the lens of the great thinkers of Jewish history. From Chovos Halevavaos and Rambam to Ramchal and into the great mussar thinkers, students are exposed to the world of personal development and introduced to works that contain the tools gifted to us in our Mesorah to better ourselves and grow emotionally as well as spiritually.



General Studies Curriculum

ENGLISH

9th Grade English

In this course, students use a collection of contemporary and classic works of literature, poems, various articles, and academic reviews as a platform to analyzing literature, writing essays, creating projects, collaborating with classmates, and presenting in class. Students will apply knowledge of literary elements to better understand works of literature. Students will write essays, reviews, and poems. Students will be subjected to appropriate grammatical conventions through daily warm ups and students will explore new vocabulary weekly. Students will work in pairs, groups and on their own in class and outside of class to accomplish daily goals. Homework is assigned daily and typically relates to the given day's lesson.

9th Grade Honors English

The ninth grade year is designed to provide a vast array of images in literature coinciding with the development of Western culture, society, and history with a special emphasis on the concept of justice. In the first semester we will use central representative texts from the Ancient Greek period to examine how the Greeks conceived of justice in both the Homeric and High-Athenian eras. In the second semester, students will also specifically trace the development of the concept of justice

as it evolves from culture to culture over the centuries. A concomitant field of study is the emergence of various genres: students will encounter epic, Greek tragedy, Shakespearean comedy, lyric verse, and the novel. In writing, students will concentrate on several essay modes and fine tune their analysis of literature through paragraph writing.

Continuing English

The sophomore year continues the survey of Western Literature, focusing on English language texts from Beowulf to Dickens. As students widen their exposure to the great texts of the West, they deepen their writing skills with essays of literary analysis while continuing to learn more essay modes. In the junior year, students prepare for the AP English Language and Composition course through a broad range of American texts, many of them non-fiction. The AP Literature Course of senior year returns students to works of the imagination, where past texts read include Moby-Dick, Hamlet, and Don Quixote. In both final years, students continue their analyses of literature in take-home essays, while simultaneously training for the six timed essays contained in both exams.

MATH

9th-10th Grade Math

Ninth and tenth grade mathematics includes, at both regular and honors levels, Algebra I and Geometry. In Algebra I, students learn to solve and graph linear equations and inequalities, factor and operate on polynomials, and are introduced to quadratic and rational functions. Geometry provides an in-depth exploration of plane, coordinate, and abstract Geometry, and serves as a critical bridge between Algebra and the world of Geometric phenomena. Topics covered include congruence, similarity, polygons, lines, circles, and right triangle trigonometry. Students will use logic and critical reasoning skills to build mathematical proofs, experiment with transformations in the plane, use coordinates to algebraically express geometric theorems, and use volume and surface area formulas to solve real-world problems.

11th-12th Grade Math

With several tracks available, 11th and 12th grade mathematics includes Algebra II, Precalculus, and AP Calculus. In Algebra II and Precalculus, students use their skills acquired in Algebra and Geometry to deepen their understanding of functions and their applications, in preparation for the study of Calculus. Covered topics include number systems, vectors, trigonometry, conics,

systems of equations and matrices. In addition to a rigorous analysis of the above topics, these courses place additional emphasis on a mature development of the 8 Standards for Mathematical Practices, as outlined in the Common Core requirements for High School Mathematics.

SCIENCE

9th Grade Biology

Biology is an introduction to the world of modern biology, taught from a molecular perspective. The course will focus on how biological structure relates to function. Students will study levels of biological organization, cell biology, passive and active transport mechanisms, enzyme and protein chemistry, DNA structure and function as it relates to the Central Dogma of Biology), DNA Replication/Transcription/Translation, Mitosis, Meiosis, Genetics, Photosynthesis and Cellular Respiration. A minimum of 20% of class time will be devoted to preparation, performance, and discussion of laboratory experimentation..

9th Grade Honors Biology

The Honors Biology course further develops each topic of the Regular College- Preparatory course (9th Grade Biology), by providing additional breadth and depth to each subject area. Significant attention to critical thinking skills and synthetic reasoning are an area of focus throughout the course. Laboratory experimentation involves a more quantitative approach, than the regular course. Grade-level reading and note- taking skills are a requirement of this class.

Continuing Science

The science program continues in 10th grade with Chemistry and Honors Chemistry. Physics and Eco-Biology are offered in 11th grade. 12th grade provides the seniors the opportunity to take Advanced Placement Biology or Chemistry.

HISTORY

9th Grade World History

In World History, we evaluate post Renaissance world history major turning point events that shaped the modern world. We trace the rise of democratic ideas and contextualize them to root events. Students develop an understand of the correlations of past world events

to modern times, and relate these turning points to their historical, political, economical, cultural, and geographical contexts. In understanding that international relations have multiple perspectives, students analyze documents and other data to contextualize, source, and corroborate historical information.

Honors & AP World History

In World History we develop and use the same skills and practices used by historians in our examination of various historical periods ranging from 8000 B.C.E. to the present. The course provides five themes that students explore throughout the course in order to make connections among historical developments in different times and places: interaction between humans and the environment; development and interaction of cultures; state building, expansion, and conflict; creation, expansion, and interaction of economic systems; and development and transformation of social structures.

US History

In US History we focus on developing historical thinking skills such as Sourcing, Contextualization, Close Reading and Corroboration using primary and secondary sources. Students will study major events and turning points in American history and examine their context and effects upon the lives we lead today. In preparation for college and the AP test they will engage in challenging readings and exercises meant to prepare them for future academic achievement.

ELECTIVE COURSES

ROBOTICS

The robotics program teaches engineering and group collaboration skills, while building student passion and excitement for STEM. The specific program used is VEX Robotics. Working in teams, students are tasked with building the robot frame out of various materials including metal rods, plates, screws, gears, and wheels etc., connecting all motors, hubs, and other electronic components, and finally, programming the robot to perform various tasks, and overcome various levels of challenges.

COMPUTER PROGRAMMING

Learning to code is learning how to solve problems. In this course we will explore the basic concepts of computer programming using the Python programming language. This class is an introduction to computer science and programming and is intended for students with little or no programming experience. Students will learn to design, write, and debug computer programs. The coursework will use the Python programming language.

PERSONAL FINANCE

The purpose of Foundations in Personal Finance is to empower students with knowledge and application of basic financial principles so that they can make sound financial decisions for life. The goal is to enhance students' financial literacy skills and enable students to develop informed money management strategies. Students will learn about saving, budgeting, debt, consumer awareness, investing and retirement, insurance, careers, taxes, and tzedakah.

ENTREPRENEURSHIP

During this course students will form groups, brainstorm ideas, and decide on the type of business they'd like to run. Students will research and provide answers to questions such as cost of procurement of materials or leases related to their businesses. They will go through the stages of planning, marketing and running their businesses through the computer based modules and both inside and outside class activities. Students will be required to learn about and understand some basic principles of accounting, marketing and business administration. Throughout the course students will also gain experience in presentation as they are required to share the progress of their business with the instructor and their fellow students. Work on their project will be broken up by videos and workshops. In addition, certain class periods will be spent learning about the history of money, how banking works, some real estate principles, and various information about the capital markets.

PHYSICAL EDUCATION

Physical Education classes tie in to our athletics program, giving students in 9th & 10th grade time outside.





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