



COURSE CATALOG
2024-2025
MIDDLE SCHOOL & UPPER SCHOOL

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Academic Policies and Programs

JEWISH LEADERSHIP ACADEMY (JLA) reserves the right to make changes to the curriculum. Coursework offered for the 2024-25 school year will be dependent upon student interest and enrollment.

Academic Grading

Students will receive traditional grades (A-F) for all classes. The grading scale is as follows:	
Numerical Grade	Report Card Grade
93-100	A
90-92	A-
87-89	B+
83-86	B
80-82	B-
77-79	C+
73-76	C
70-72	C-
67-69	D+
63-66	D
60-62	D-
0-59	F
Class rank and GPA are not reported. All classes are taught at an Honors level or higher. Grade reports will be distributed each quarter/semester.	

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Bright Futures

The Florida Bright Futures Scholarship Program establishes lottery-funded scholarships to reward Florida high school graduates for high academic achievement. Eligibility requirements and award amounts are subject to change pending annual legislative actions. Applications are submitted during the student's Senior year between October 1st and August 31st. Evaluations are made by the state twice during the student's Senior year, with final evaluation taking place in July. Students and parents can check the application status online at the link below. Information and assistance are also available via phone at 1-888-827-2004 and on their [website](#).

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College Planning and Advising

We recognize that the college application process can be confusing. Thus, our role is to provide each and every family with clarity regarding the entire college application process. Our college counseling program provides resources to students and parents throughout their four years in our Upper School, welcoming families to meet with us to discuss questions and concerns at any time. By teaching students how to put together a college application that reflects their individual strengths and interests, we empower students to take the lead in their college planning. Simultaneously, we provide exceptional support and expertise every step of the way. Whether it's exploring colleges to build a college list, preparing for interviews, or applying for financial aid, we strive to make applying to college both straightforward and stress-free. We are proud of our strong background in highly selective admissions, as well as our extensive connections with admissions representatives and other college counselors throughout the country. We commit to staying on top of the most recent college admissions trends and look forward to sharing this knowledge with our JLA families.

Course Designation/Class Rank/Grade Point Average

Honors (H): Honors level coursework provides Middle School and Upper School students with challenging content taught at a faster pace and deeper depth than a standard Middle or High School curriculum.

Accelerated Honors (AC): Middle School and Upper School courses labeled as Accelerated Honors are our highest pre-college, pre-competition level coursework. In the area of mathematics, AC represents at least one grade level beyond the standard middle or high school curriculum.

Advanced (AD): Upper School courses labeled as Advanced are taught at a college level. These classes are on par with an introductory level course at a selective college. Advanced classes are exceptionally challenging and move at a rapid pace.

Upper School students will not earn college credit with AD labeled coursework.

AoPS: Mathematics classes labeled as AoPS are competition level courses.

Class Rank: JLA does not rank its students.

Grade Point Average: JLA does not calculate an official GPA for students, nor do we calculate rank-in-class. Thus, Advanced, Accelerated, and Honors courses receive no additional "weight" in a GPA. When students apply to college, we will send their official transcript, displaying all the courses they've taken with their grades, along with our School Profile and comprehensive recommendation letters to help colleges better understand our school and a student's strengths in the context of our academic program.

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Course Credit Policies

Standards: The minimum number of courses required for each student is 8 per semester. Grades earned for courses beyond 8 will appear on the report card/transcript. Any student who received a semester grade of F at either the end of the first or the second semesters is expected to remediate the grade. The student must earn the missing credits prior to the subsequent school year. 30.5 credits are required before the student may begin their senior year.

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Course Selection and Placement

Course selection for each school year begins shortly after the beginning of the second semester. Students will receive information regarding requirements, elective opportunities, and registration procedures. Student placement depends on academic history, standardized test scores, teacher recommendations, and departmental review. Students receive an approved, preliminary course list before the end of the year. Students receive their final schedule with teacher assignments in late summer.

Student and/or parent-initiated schedule change requests are allowed during specific times of the school year. Requests to change a course selected during the scheduling season for the upcoming school year are permitted through the second week of classes. For second-semester courses, course changes are allowed through the second week of the second semester. All schedule change forms require a parent signature, counselor signature, and administrative approval. Depending on the nature of the change, signatures from the department chairperson and the student's teacher for that subject may be required.

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Center for Talented Youth (CTY) at Johns Hopkins University

CTY is an online academic program focused on challenging the very brightest minds from across the country. Admission to the program is separate from admission to JLA and is highly selective. CTY courses earn graduation credit and are included on transcripts. Courses can be taken during the elective period or after school hours. CTY courses provide students with the opportunity to choose rigorous elective courses not offered at JLA. In addition, students who demonstrate the ability to do coursework that exceeds the highest level offered for their grade at JLA, may, with the permission of the administration, take a course through CTY in lieu of a JLA course.

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Course Forgiveness Program

Forgiveness Rule

A student who significantly under performs in a particular class will have the opportunity to remediate their grade in accordance with the following guidelines:

- The student must remediate the course for forgiveness within the year that it occurs.
- If a student repeats a course, then the forgiven course is awarded no credit toward the 44 credits required for graduation.
- The forgiven course must remain on the student's transcript, but the higher grade received in the retaken course is also indicated.
- The opportunity for course forgiveness must be limited to replacing a semester grade of C-, D+, D, or F with a grade of C or higher earned subsequently in the same or comparable course.
- All coursework requires a counselor signature, the department chair signature, and administrative approval.

JLA grade forgiveness allows a student to retake a core class for a higher grade. Through the forgiveness policy, a student may retake a class to earn a higher grade if he/she earned a grade of C- or below.

Summer School Coursework

Students may need to remediate a credit or make up coursework during the summer months. Students are permitted to complete this coursework through FLVS (taken at the students own expense when taken for remediation). All coursework requires a counselor signature, the department chair signature, and administrative approval.

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Credit/Promotion Requirements

Promotion Requirements for the Middle School

<u>Years</u>	<u>Subject</u>
3	ENGLISH*
3	MATHEMATICS*
1.5	WORLD LANGUAGE (HEBREW)*
3	SCIENCE*
3	SOCIAL SCIENCES (CIVICS REQUIRED)*
3	PHYSICAL CONDITIONING
3	ELECTIVES (REQUIRED .5 ART/.5 STEM)
3	JUDAIC STUDIES ALEF
1.5	JUDAIC STUDIES BET
3	TEFILLAH (PRAYER)
3	SERVICE ENTREPRENEURSHIP PROGRAM (SEP)
.5	CAREER/ED PLANNING (TRUE NORTH)
.5	STAR SUMMIT
31	TOTAL REQUIREMENTS

**Middle School level or higher*

6TH GRADE	7TH GRADE	8TH GRADE
1 ENGLISH	1 ENGLISH	1 ENGLISH
1 MATHEMATICS	1 MATHEMATICS	1 MATHEMATICS
.5 WORLD LANGUAGE	.5 WORLD LANGUAGE	.5 WORLD LANGUAGE
.5 JUDAICS BET	.5 JUDAICS BET	.5 JUDAICS BET
1 SCIENCE	1 SCIENCE	1 SCIENCE
1 SOCIAL SCIENCE	1 SOCIAL SCIENCE	1 SOCIAL SCIENCE
1 PHYSICAL CONDITIONING	1 PHYSICAL CONDITIONING	1 PHYSICAL CONDITIONING
.5 ELECTIVE	.5 ELECTIVE	.5 ELECTIVE
.5 ELECTIVE	.5 ELECTIVE	.5 ELECTIVE
1 JUDAIC STUDIES ALEF	1 JUDAIC STUDIES ALEF	1 JUDAIC STUDIES ALEF
1 TEFILLAH	1 TEFILLAH	1 TEFILLAH
1 SEP (SERVICE ENTREPRENEURSHIP PROGRAM)	1 SEP (SERVICE ENTREPRENEURSHIP PROGRAM)	1 SEP (SERVICE ENTREPRENEURSHIP PROGRAM)
.5 STAR SUMMIT		.5 CAREER/ED PLANNING
10.5 REQUIREMENTS	10 REQUIREMENTS	10.5 REQUIREMENTS

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Graduation Requirements of the Upper School

<u>Credits</u>	<u>Subject</u>
4	ENGLISH
4	JUDAIC STUDIES ALEF
4	MATHEMATICS
1.5	WORLD LANGUAGE (HEBREW)
2	JUDAICS BET
3	SCIENCE
3	SOCIAL SCIENCES
4	PHYSICAL CONDITIONING
6	ELECTIVES (must take 1 credit in the Arts)
4	TEFILLAH (PRAYER)
.5	HEALTH
4	SERVICE ENTREPRENEURSHIP PROGRAM (SEP)
.5	JLA BA'ARETZ

40.5 TOTAL CREDIT HOURS

FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
1 ENGLISH	1 ENGLISH	1 ENGLISH	1 ENGLISH
1 JUDAIC STUDIES ALEF	1 JUDAIC STUDIES ALEF	1 JUDAIC STUDIES ALEF	1 JUDAIC STUDIES ALEF
1 MATH	1 MATH	1 MATH	1 MATH
.5 WORLD LANG	.5 WORLD LANG	.5 WORLD LANG	.5 JUDAIC BET
.5 JUDAIC BET	.5 JUDAIC BET	.5 JUDAIC BET	1 ELECTIVE
1 SCIENCE	1 SCIENCE	1 SCIENCE	.5 ELECTIVE
1 PHYSICAL CONDITIONING	1 PHYSICAL CONDITIONING	1 PHYSICAL CONDITIONING	1 PHYSICAL CONDITIONING
1 TEFILLAH	1 TEFILLAH	1 TEFILLAH	1 TEFILLAH
1 SOCIAL SCIENCE	1 SOCIAL SCIENCE	1 ELECTIVE	1 SOCIAL SCIENCE
.5 ELECTIVE	.5 ELECTIVE	.5 ELECTIVE	.5 ELECTIVE
.5 ELECTIVE	.5 ELECTIVE	.5 ELECTIVE	1 SERVICE ENTREPRENEURSHIP
1 SERVICE ENTREPRENEURSHIP	1 SERVICE ENTREPRENEURSHIP	1 SERVICE ENTREPRENEURSHIP	
.5 HEALTH			
.5 JLA BA'ARETZ	.5 JLA BA'ARETZ	.5 JLA BA'ARETZ	.5 JLA BA'ARETZ
11 CREDITS	10.5 CREDITS	10.50 CREDITS	10 CREDITS

Level Promotion Policy

Level promotion (e.g., Honors to Accelerated) is determined by a multistep process:

1. Students must earn a first semester grade of **90% or higher**.
2. Students must request a **teacher recommendation** to sit for the **Spring Placement Exam**.
3. Students must score **85% or higher** on the Spring Placement Exam.
4. Students must earn a score of 85% or higher in course co-requisites for the class in which they are requesting promotion.
5. Students must earn a final score of 85% or higher in other course prerequisites for the class in which they are requesting promotion.
6. If the student still has a **90% or higher** as a course average at the end of the second semester, has done all of the above steps successfully, and demonstrates the effort necessary for more challenging coursework, then the student will be considered.

Honor Societies

Induction into honor societies is a merit. Students need not apply as all are considered based on grades, academic standing, behavior, and service.

To qualify for Junior National Honor Society or National Honor Society, students must have an average grade of 90% or above in the core curriculum comprising the five core areas: English, history, math, science, and Judaics. Only core classes mandated by the State of Florida towards graduation count as requirements. Electives do not count in the core areas for calculations.

Qualifications are reviewed once a year after semester 1 grades are posted by the society sponsor.

Induction ceremonies take place once a year, before the end of semester 2.

Middle School Junior National Honor Society

Junior National Honor Society is open to middle school students.

Middle school students who carry the grade, behavior and service requirements for societies open to upper school students will be invited to participate in select activities at the sponsor's discretion.

Upper School Honor Societies

National Honor Society is open to rising 9th graders and students in grades 9 through 12.

Specific area honor societies are only open to upper school students.

Mu Alpha Theta, the math honor society, requires qualification in NHS and a grade 90% or above in the math core curriculum.

The Science National Honor Society requires qualification in NHS and a grade 90% or above in the science core curriculum.

The Spanish National Honor Society requires qualification in NHS and a grade 90% or above in the Spanish elective curriculum.

The National English Honor Society requires qualification in NHS and a grade 90% or above in the English core curriculum.

The Hebrew National Honor Society requires qualification in NHS and a grade 90% or above in the Hebrew curriculum.

All honor societies require a service component determined by the society chapter sponsor and

approved by the national charter. The service component may include area peer-tutoring, participation in specific competitions, organizing conferences, just to name a few.

The honor societies' sponsors are selected by the Associate Heads of School and the Head of School on a yearly basis.

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Course Descriptions

Humanities and the Arts

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[6th grade History: Exploring The World and Its People Honors](#)

Level: Honors.

Course code: JLA code HIS-102, FLDOE 2103010

Description: The goal of this course is to build a foundation in geography, critical thinking, and analytical writing skills that students will need for the rest of their academic career. Students will learn to read and analyze maps and to recognize major geographic features and how these impact work cultures and development. As they explore different regions of the world, students will use primary sources, films and other media to learn about major world religions including—but not limited to—Hinduism, Buddhism, Judaism, Christianity and Islam. Students will uncover cultural and political relevance of these belief systems and how they impact the 21st century.

Text: National Geographic Atlas, DK Geography Workbook

Credits: 1 (annual)

Prerequisites: 5th grade history

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[6th grade History: Exploring The World and Its People Accelerated](#)

Level: Accelerated.

Course code: JLA code HIS-103, FLDOE 2103010

Description: The goal of this course is to build a foundation in geography, critical thinking, and analytical writing skills that students will need for the rest of their academic career. Students will learn to read and analyze maps and to recognize major geographic features and how these impact work cultures and development. As they explore different regions of the world, students will use primary sources, films and other media to learn about major world religions including—but not limited to—Hinduism, Buddhism, Judaism, Christianity and Islam. Students will uncover cultural and political relevance of these belief systems and how they impact the 21st century. The accelerated level course will cover mostly the same content as the honors course but will go more in depth and will move at a faster pace.

Text: National Geographic Atlas, DK Geography Workbook

Credits: 1 (annual)

Prerequisites: 5th grade history. Students will be placed in the accelerated course at the discretion of the department.

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[7th Grade American History: Rediscovery to Reconstruction Honors](#)

Level: Accelerated. Required for all students in grade 7.

Course code: JLA code HIS-112, FLDOE 2100020

Description: This course takes a look at American History through a variety of themes and lenses, and concentrates on this first half of American history that leads up to the Civil War. Students will begin with the very origins of human settlement in the Americas and end the course discussing the ramifications of the Civil War during Reconstruction. Students will discover the pre-European foundations of the Americas, explore the Puritan roots of the nation, study and analyze American government through the Constitution, and learn how the nation developed in its early years while careening towards the Civil War that began in 1861. Throughout, students will focus on developing key reading skills and writing skills (thesis development, essay structure) as we engage with a range of primary and secondary historical materials.

Text: History Alive! The United States Through Modern Times, TCI

Credits: 1 (annual)

Prerequisites: 6th grade history

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[7th Grade American History: Rediscovery to Reconstruction Accelerated](#)

Level: Honors. Required for all students in grade 7.

Course code: JLA code HIS-113, FLDOE 2100020

Description: This course takes a look at American History through a variety of themes and lenses, and concentrates on this first half of American history that leads up to the Civil War. Students will begin with the very origins of human settlement in the Americas and end the course discussing the ramifications of the Civil War during Reconstruction. Students will discover the pre-European foundations of the Americas, explore the Puritan roots of the nation, study and analyze American government through the Constitution, and learn how the nation developed in its early years while careening towards the Civil War that began in 1861. Throughout, students will focus on developing key reading skills and writing skills (thesis development, essay structure)

as we engage with a range of primary and secondary historical materials. The accelerated level will move at a deeper and faster pace than the honors.

Text: History Alive! The United States Through Modern Times, TCI

Credits: 1 (annual)

Prerequisites: 6th grade history. Students will be placed in the accelerated course at the discretion of the department.

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8th Grade Ancient History: The Rise and Fall of Empires Honors

Level: Honors. Required for all students in grade 7.

Course code: JLA code HIS-120, FLDOE 2109010

Description: Ancient History: the Rise & Fall of Empires is a course dedicated to the ancient world and is designed to get our student body ready for our rigorous 9th grade World History course. Ancient History here at JLA focuses strongly on the major civilizations of antiquity, especially the foundations and developments of Greece, Rome, and China. In particular, the course highlights the changes over time experienced by the governments, cultures, and empires of antiquity. From Qin Shi Huangdi to Alexander to the Caesars and the Cleopatras of yesteryear, students at the end of the course will find themselves better readers, writers, thinkers, and prepared for upper school history.

Text: Webs of Humankind, Vol. 2

Credits: 1 (annual)

Prerequisites: 7th grade history.

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8th Grade Ancient History: The Rise and Fall of Empires Accelerated

Level: Accelerated. Required for all students in grade 7.

Course code: JLA code HIS-121, FLDOE 2109020

Description: Ancient History: the Rise & Fall of Empires is a course dedicated to the ancient world and is designed to get our student body ready for our rigorous 9th grade World History course. Ancient History here at JLA focuses strongly on the major civilizations of antiquity, especially the foundations and developments of Greece, Rome, and China. In particular, the course highlights the changes over time experienced by the governments, cultures, and empires of antiquity. From Qin Shi Huangdi to Alexander to the Caesars and the Cleopatras of yesteryear, students at the end of the course will find themselves better readers, writers, thinkers, and prepared for upper school history.

Text: Webs of Humankind, Vol. 2

Credits: 1 (annual)

Prerequisites: 7th grade history. Students will be placed in the accelerated course at the discretion of the department.

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9th Grade World History: Our Trek Through Time Honors

Level: Honors. Required for all students in grade 9.

Course code: JLA code HIS-140, FLDOE 2109310

Description: *Our Trek through Time* covers the period from the Middle Ages to the present. Students will analyze various peoples, states, and societies from a political, cultural, economic, and social lens. Primary and secondary source materials will be used to better understand the voices of the people throughout time. Students will focus on developing key reading skills (viewpoint identification, assessing evidentiary value) and writing skills (thesis development, essay structure) as we engage with a range of primary and secondary historical materials.

Text: Webs of Humankind, Vol. 2, Norton

Credits: 1 (annual)

Prerequisites: 8th grade history

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[9th Grade World History: Our Trek Through Time Accelerated](#)

Level: Accelerated. Required for all students in grade 9.

Course code: JLA code HIS-141, FLDOE 2109320

Description: *Our Trek through Time* covers the period from the Middle Ages to the present. Students will analyze various peoples, states, and societies from a political, cultural, economic, and social lens. Primary and secondary source materials will be used to better understand the voices of the people throughout time. Students will focus on developing key reading skills (viewpoint identification, assessing evidentiary value) and writing skills (thesis development, essay structure) as they engage with a range of primary and secondary historical materials. The accelerated level course will cover mostly the same content as the honors course but will go more in depth and will move at a faster pace.

Text: Webs of Humankind, Vol. 2, Norton

Credits: 1 (annual)

Prerequisites: 8th grade history. To be considered for this course, students must be recommended by their previous history teacher.

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[10th Grade American History Honors](#)

Level: Honors. Required for all students in grade 10.

Course code: JLA code HIS-160, FLDOE 2100310

Description: This course offers a broad college-level survey of the development of North American society from the founding of Indigenous nations to the present. Thematically organized, this course examines the way that many peoples sought to pursue freedom in North America, and in particular examines the tensions between economic freedom, personal liberty, and the obligations the individual has to the state. While the content is structured around political and social history, considerable attention is also paid to economics, geography, religion, sociology, literature, music, visual arts, and popular culture in American history. Students will focus on developing key reading skills (viewpoint identification, assessing evidentiary value) and writing skills (thesis development, essay structure) as we engage with a range of primary and secondary historical materials. Selective use is made of films, maps, and video programs. Students undertake a variety of assessments (projects, debates, discussions, mock trials, essays, etc.) to broaden their understanding of American history.

Text: Give Me Liberty! An American History, Norton

Credits: 1 (annual)

Prerequisites: 9th grade History

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[10th Grade American History \(Accelerated\)](#)

Level: Advanced. Required for all students in grade 10.

Course code: JLA code HIS-161, FLDOE 2100320

Description: This course offers a broad college-level survey of the development of North American society from the founding of Indigenous nations to the present. Thematically organized, this course examines the way that many peoples sought to pursue freedom in North America, and in particular examines the tensions between economic freedom, personal liberty, and the obligations the individual has to the state. While the content is structured around political and social history, considerable attention is also paid to economics, geography, religion, sociology, literature, music, visual arts, and popular culture in American history. Students will

focus on developing key reading skills (viewpoint identification, assessing evidentiary value) and writing skills (thesis development, essay structure) as we engage with a range of primary and secondary historical materials. Selective use is made of films, maps, and video programs. Students undertake a variety of assessments (projects, debates, discussions, mock trials, essays, etc.) to broaden their understanding of American history.

Text: Give Me Liberty! An American History, Norton

Credits: 1 (annual)

Prerequisites: 9th grade History

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11th Grade Principles of Civics Accelerated

Level: Accelerated. Required for all students in grade 11.

Course code: JLA code HIS-201, FLDOE 2106310

Description: This semester-long course will provide students with an overview of the functioning of the US federal government as well as the role that individuals play in it. First, students will gain an in-depth look at the three branches of government and systems of checks and balances. They will also learn about the rights and responsibilities of citizens, the relationship individual people have to the law, the political process, and the role of the US in the world today.

Text: *We the People: the Citizen and the Constitution*

Credits: .5 (semester)

Prerequisites: 10th grade History

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11th Grade Principles of Economics Accelerated

Level: Accelerated. Required for all students in grade 11.

Course code: JLA code HIS-221, FLDOE 2102305

Description: This semester-long economics course will provide students with an overview to the basic principles of economics. After learning the fundamental principles, students will study how markets work, how individual consumers react to changes in the markets, and about the relationship between money and governments. Finally, the course will conclude with a unit on personal finance.

Text: CORE online Economics

Credits: .5 (semester)

Prerequisites: 10th grade History

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English

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English 6: Heroes and Heroines Honors

Level: Honors. Required for all students in grade 6.

Course code: JLA code ENG-100, FLDOE 1001010

Description: *English 6: Heroes and Heroines* will provide the foundations for students to become strong English students for the rest of their seven years at JLA. Students will read a variety of texts that examine the theme, starting with mythology and epic poetry, and then continuing into other genres and more contemporary novels. Much attention will be paid to heroes, villains, and ordinary people overcoming seemingly insurmountable obstacles. Students will examine the difference between good and evil and explore the extent to which ordinary people can be heroes. Ultimately, though, the goal of the course is to focus on helping students become critical

readers, writers, and thinkers. It will provide the essential skills of grammar, vocabulary, annotating, and writing as a way of thinking and self-expression. The writing projects they do in this course will be in a variety of modes ranging from creative, personal, and analytical. There will be a degree of thematic overlap with their history course on Ancient Civilizations.

Texts: Texts might include but are not limited to *D'Aulaires Greek Mythology*, *World Mythology for Beginners*, *The Iliad and the Odyssey*, *Nimona*, and *Refugee*.

Credits: 1 (annual)

Prerequisites: 5th grade English. Students will be placed in the accelerated course at the discretion of the department.

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English 6: Heroes and Heroines Accelerated

Level: Accelerated. Required for all students in grade 6.

Course code: JLA code ENG-101, FLDOE 1001020

Description: *English 6: Heroes and Heroines* will provide the foundations for students to become strong English students for the rest of their seven years at JLA. Students will read a variety of texts that examine the theme, starting with mythology and epic poetry, and then continuing into other genres and more contemporary novels. Much attention will be paid to heroes, villains, and ordinary people overcoming seemingly insurmountable obstacles. Students will examine the difference between good and evil and explore the extent to which ordinary people can be heroes. Ultimately, though, the goal of the course is to focus on helping students become critical readers, writers, and thinkers. It will provide the essential skills of grammar, vocabulary, annotating, and writing as a way of thinking and self-expression. The writing projects they do in this course will be in a variety of modes ranging from creative, personal, and analytical. There will be a degree of thematic overlap with their history course on Ancient Civilizations. The accelerated course will move at a faster pace and go more in depth than the honors level course.

Texts: Texts might include but are not limited to *D'Aulaires Greek Mythology*, *World Mythology for Beginners*, *The Iliad and the Odyssey*, *Nimona*, and *Refugee*.

Credits: 1 (annual)

Prerequisites: 5th grade English. Students will be placed in the advanced course at the discretion of the department.

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English 7: Society and Me Honors

Level: Honors. Required for all students in grade 7.

Course code: JLA code ENG-112, FLDOE 1001040

Description: *English 7: Society and Me* continues to mold students into strong readers, writers, and thinkers. As with English 6, there will be room for thematic overlap with their history course. While they look at the Founding Fathers and their role in setting up the government in history class, students in English 7 study the essence of human nature, whether we are fundamentally civilized or savage and whether we need rules or a government to live together peacefully. From there, the course examines what a good society looks like and what a government should provide for its citizens. The course will conclude with a look at the different types of people who make up our diverse society. Students will develop a sense of empathy for people who might look different than they do, but are still sharing a piece of the American experience.. English 7 will continue to develop students' reading, writing, speaking, and listening skills with an emphasis on drafting and revising their work as well as on grammar and vocabulary.

Texts: Texts might include but are not limited to *Lord of the Flies*, *The Giver*, *The House on Mango Street*, *America Street*, *March: Book Two*, and *A Wreath for Emmett Till*

Credits: 1 (annual)

Prerequisites: 6th grade English. Students will be placed in the accelerated course at the discretion of the department.

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[English 7: Society and Me Accelerated](#)

Level: Accelerated. Required for all students in grade 7.

Course code: JLA code ENG-113, FLDOE 1001050

Description: *English 7: Society and Me* continues to mold students into strong readers, writers, and thinkers. As with English 6, there will be room for thematic overlap with their history course. While they look at the Founding Fathers and their role in setting up the government in history class, students in English 7 study the essence of human nature, whether we are fundamentally civilized or savage and whether we need rules or a government to live together peacefully. From there, the course examines what a good society looks like and what a government should provide for its citizens. The course will conclude with a look at the different types of people who make up our diverse society. Students will develop a sense of empathy for people who might look different than they do, but are still sharing a piece of the American experience.. English 7 will continue to develop students' reading, writing, speaking, and listening skills with an emphasis on drafting and revising their work as well as on grammar and vocabulary. The accelerated course will move at a faster pace and go more in depth than the honors level course.

Texts: Texts might include but are not limited to *Lord of the Flies*, *The Giver*, *The House on Mango Street*, *America Street*, *March: Book Two*, and *A Wreath for Emmett Till*

Credits: 1 (annual)

Prerequisites: 6th grade English. Students will be placed in the accelerated course at the discretion of the department.

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[English 8: Power of Persuasion Honors](#)

Level: Accelerated. Required for all students in grade 8.

Course code: JLA code ENG-120, FLDOE 1001070

Description: *English 8: Power of Persuasion* will continue to develop students' reading, writing, speaking, grammar, vocabulary, and listening skills. This course will place extra emphasis on writing, with a particular focus on writing persuasive speeches, and analytical or research essays. The course will open with a unit on the power of persuasive speeches through our study of *Animal Farm* before studying sonnets and *Romeo and Juliet*. The course will conclude with a study of justice in *To Kill a Mockingbird* with a comparative look at what justice looks like in the United States today.

Texts: Texts might include but are not limited to *Animal Farm*, *Romeo and Juliet*, *To Kill a Mockingbird*, excerpts from and *Just Mercy*.

Credits: 1 (annual)

Prerequisites: 7th grade English. Students will be placed in the accelerated course at the discretion of the department.

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[English 8: Power of Persuasion Accelerated](#)

Level: Accelerated. Required for all students in grade 8.

Course code: JLA code ENG-121, FLDOE 1001080

Description: *English 8: Power of Persuasion* will continue to develop students' reading, writing, speaking, grammar, vocabulary, and listening skills. This course will place extra emphasis on writing, with a particular focus on writing persuasive speeches, and analytical or research essays. The course will open with a unit on the power of persuasive speeches through our study of *Animal Farm* before studying sonnets and *Romeo and Juliet*. The course will conclude with a

study of justice in *To Kill a Mockingbird* with a comparative look at what justice looks like in the United States today.

Texts: Texts might include but are not limited to *Animal Farm*, *Romeo and Juliet*, *To Kill a Mockingbird*, excerpts from and *Just Mercy*.

Credits: 1 (annual)

Prerequisites: 7th grade English. Students will be placed in the accelerated course at the discretion of the department.

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English 9: Finding Our Voices Honors

Level: Accelerated.

Course code: JLA code ENG-132, FLDOE 1001320

Description:

This yearlong foundational course will provide both the opportunity for freshmen to explore writing in all its forms as well as to explore the universal theme of coming of age in literature. Students will have the opportunity to write poetry, fiction, creative nonfiction, personal essays, and possibly screenplays. Moreover, students will receive a solid foundation in grammar and mechanics. The goal of this course is not only to prepare them for the rest of their high school writing career, but, more importantly, to give them an appreciation for writing as a form of self-expression. Our literature will examine one of the most powerful themes for adolescents and adult readers alike: the painful, beautiful, and meaningful process that everyone has to go through to grow up. Students will study the hallmarks of a bildungsroman and read both classic and contemporary examples of coming of age novels.

Texts: Texts might include but are not limited to *The Catcher in the Rye*, *The Glass Castle*, *Our Town*, *Purple Hibiscus*, *When I was Puerto Rican*, and *This Boy's Life*.

Credits: 1 (annual)

Prerequisites: Contributing Your Verse, Fall Semester of 9th Grade.

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English 9: Finding Our Voices Accelerated

Level: Accelerated.

Course code: JLA code ENG-133, FLDOE 1001320

Description:

This yearlong foundational course will provide both the opportunity for freshmen to explore writing in all its forms as well as to explore the universal theme of coming of age in literature. Students will have the opportunity to write poetry, fiction, creative nonfiction, personal essays, and possibly screenplays. Moreover, students will receive a solid foundation in grammar and mechanics. The goal of this course is not only to prepare them for the rest of their high school writing career, but, more importantly, to give them an appreciation for writing as a form of self-expression. Our literature will examine one of the most powerful themes for adolescents and adult readers alike: the painful, beautiful, and meaningful process that everyone has to go through to grow up. Students will study the hallmarks of a bildungsroman and read both classic and contemporary examples of coming of age novels.

Texts: Texts might include but are not limited to *The Catcher in the Rye*, *The Glass Castle*, *Our Town*, *Purple Hibiscus*, *When I was Puerto Rican*, and *This Boy's Life*.

Credits: 1 (annual)

Prerequisites: Contributing Your Verse, Fall Semester of 9th Grade. Students will be placed in the accelerated course at the discretion of the department.

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English 10: In Search of the American Dream (Honors)

Level: Honors. Required course in the Fall of 2024.

Course code: JLA code ENG-170, FLDOE 1001340

Description: The goal of this course is to expose students to an overview of some of the foundational texts and the arc of American literature as well as the essence of American identity as it pertains to the topic of the American Dream. Students will interrogate the origins of the American Dream, how authors have examined and critiqued it, and who has succeeded and failed in the pursuit of it. It will conclude with their own research paper about what factors contribute to the success or failure of the American Dream, and for whom it applies.

Texts: Texts will include a variety of excerpts from early American literature including colonial letters, Benjamin Franklin's *Autobiography*, *Narrative of the Life of Frederick Douglass*, Transcendentalist essays, and short stories. Full-length texts might include some of the following but are not limited to *The Great Gatsby*, *Death of Salesman*, *Passing*, *A Raisin in the Sun*, *Fences*, and *Nickel and Dimed*.

Credits: 1 (annual)

Prerequisites: Contributing Your Verse and a 9th grade elective.

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English 10: In Search of the American Dream (Accelerated)

Level: Accelerated.

Course code: JLA code ENG-171, FLDOE 1001350

Description: The goal of this course is to expose students to an overview of some of the foundational texts and the arc of American literature as well as the essence of American identity as it pertains to the topic of the American Dream. Students will interrogate the origins of the American Dream, how authors have examined and critiqued it, and who has succeeded and failed in the pursuit of it. It will conclude with their own research paper about what factors contribute to the success or failure of the American Dream, and for whom it applies.

Texts: Texts will include a variety of excerpts from early American literature including colonial letters, Benjamin Franklin's *Autobiography*, *Narrative of the Life of Frederick Douglass*, Transcendentalist essays, poetry of the Harlem Renaissance, and short stories. Full-length texts might include some of the following but are not limited to *The Great Gatsby*, *Death of Salesman*, *Passing*, *A Raisin in the Sun*, *Fences*, *Their Eyes were Watching God*, and *Nickel and Dimed*.

Credits: 1 (annual)

Prerequisites: Contributing Your Verse and a 9th grade elective.

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English 11: World Literature (Accelerated)

Level: Accelerated. Required for all juniors.

Course code: JLA code ENG-201, FLDOE 1001380

Description: This yearlong course will examine some of the fundamental desires and themes of the human experience in a global setting. Our units will explore notions such as our quest for love, belonging, power, and opportunity. Within each unit and throughout the year as a whole, we will read literature in different genres from around the world. In addition to selections of diverse short stories and poetry, the reading list might include titles such as but not limited to *Much Ado about Nothing*, *The Art of War*, *The Things They Carried*, *Oedipus Rex*, *Siddhartha*, *Metamorphosis*, *The Stranger*, *House of Spirits*, *Balzac and the Little Chinese Seamstress*, *Kingdom's End*, *A World I Loved*, *White Tiger*, *Like Water for Chocolate*, *Madame Bovary*, *Lucy*, and *1984*. The course will also place a heavy emphasis on literary analysis and critical,

argument-driven writing, but will also devote some time to helping students start to craft their college essays.

Texts: Texts will include but not be limited to: *Much Ado about Nothing*, *The Art of War*, *The Things They Carried*, *Oedipus Rex*, *Siddhartha*, *Metamorphosis*, *The Stranger*, *House of Spirits*, *Balzac and the Little Chinese Seamstress*, *Kingdom's End*, *A World I Loved*, *White Tiger*, *Like Water for Chocolate*, *Madame Bovary*, *Lucy*, and *1984*.

Credits: 1 (annual)

Prerequisites: American Dream: Promise or Illusion?

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Journalism (Newspaper) - Option 9 Elective

Level: Honors. Open to all students.

Course code: JLA code ENG-900, FLDOE 1006300

Description: This course gives students a multifaceted understanding of the contemporary news media by combining media studies with authentic journalistic practice. Students gain the opportunity to hone their writing skills by producing articles for the school newspaper in a variety of genres, including hard news, features, opinion pieces, sports coverage, and arts criticism. At the same time, class discussion focuses on the role of the media in contemporary society, covering such topics as journalism ethics, notable case studies and controversies, and the impact of digital platforms on the media landscape. Throughout the course, students learn to write vivid, lively stories for an authentic audience, practicing a number of key skills that are both essential to journalism and translatable to other fields: reporting and fact-finding, interviewing, story structure, effective revision, etc. As the editors of their own paper, students also learn how to use relevant software and tools to design and layout their articles for publication.

Credits: .5 (year long)

Prerequisites: None

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Yearbook - Option 9 Elective

Level: Honors. Open to all students.

Course code: JLA code ENG-910, FLDOE 1006300

Description: Students will create JLA's first-ever yearbook in this Option 9 course. Throughout the program, students will decide on a theme and template for the yearbook and then use an online layout program to input pictures and blurbs to capture the memories from this historic year on campus. The yearbook company has an online portal that is very similar to a social media page that enables students to easily drag and drop images, pictures, and text boxes. Students will even be able to make their own personalized pages that will only be featured in their yearbook copies.

Credits: .5 (year long)

Prerequisites: None

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Visual Arts

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MS Artists' Studio

Level: Honors. Open to all middle school students.

Course code: JLA code ART-100, FLDOE 101110

Description: *The Artists' Studio* is open to artists of any level. Students who sign up for this course must be prepared to take it for the entirety of the year. This course can be taken multiple times and takes the place of media-based classes such as Draw & Paint and Sculpture & Ceramics. Students in this course work independently or in small groups to complete self-paced units of skill development across the eight main art media. Units of study focus on thinking and behaving like a working artist. Students are encouraged to use a wide variety of materials and cover a range of subject matter. While technical artistic skills are practiced and required in this course, emphasis is put on problem solving, exploring, and showing growth. All units require a high degree of independent work and decision making. Students are encouraged and expected to connect unit topics and ideas with their own ideas and life experiences. Unit topics build on each other and concepts become more complex as artists develop more professional art skills.

Credits: .5 (semester)

Prerequisites: None. Open to all students, especially those who are new to art.

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[Upper School Artists' Studio 1](#)

Level: Honors. Open to all upper school students.

Course code: JLA code ART-130, FLDOE 101300

Description: *The Artists' Studio* is open to artists of any level. This course can be taken multiple times and takes the place of media-based classes such as Draw & Paint and Sculpture & Ceramics. Students in this course work independently or in small groups to complete self-paced units of skill development across the eight main art media. Units of study focus on thinking and behaving like a working artist. Students are encouraged to use a wide variety of materials and cover a range of subject matter. While technical artistic skills are practiced and required in this course, emphasis is put on problem solving, exploring, and showing growth. All units require a high degree of independent work and decision making. Students are encouraged and expected to connect unit topics and ideas with their own ideas and life experiences. Unit topics build on each other and concepts become more complex as artists develop more professional art skills. This is a yearlong course.

Credits: 1 (annual)

Prerequisites: None. Open to all students, especially those who have never taken art.

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[Upper School Artists' Studio 2](#)

Level: Artists' Studio 1

Course code: JLA code ART-140, FLDOE 101310

Description: *The Artists' Studio* is open to artists of any level. This course can be taken multiple times and takes the place of media-based classes such as Draw & Paint and Sculpture & Ceramics. Students in this course work independently or in small groups to complete self-paced units of skill development across the eight main art media. Units of study focus on thinking and behaving like a working artist. Students are encouraged to use a wide variety of materials and cover a range of subject matter. While technical artistic skills are practiced and required in this course, emphasis is put on problem solving, exploring, and showing growth. All units require a high degree of independent work and decision making. Students are encouraged and expected to connect unit topics and ideas with their own ideas and life experiences. Unit topics build on each other and concepts become more complex as artists develop more professional art skills. This is a yearlong course.

Credits: 1 (annual)

Prerequisites: Artists' Studio 1, or those who have previously taken art.

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Artists' Studio- Option 9

Level: Honors. Open to all students.

Course code: JLA code ART-900, FLDOE 101300

Description: *The Artists' Studio* is open to artists of any level. This course can be taken multiple times and takes the place of media-based classes such as Draw & Paint and Sculpture & Ceramics. Students in this course work independently or in small groups to complete self-paced units of skill development across the eight main art media. Units of study focus on thinking and behaving like a working artist. Students are encouraged to use a wide variety of materials and cover a range of subject matter. While technical artistic skills are practiced and required in this course, emphasis is put on problem solving, exploring, and showing growth. All units require a high degree of independent work and decision making. Students are encouraged and expected to connect unit topics and ideas with their own ideas and life experiences. Unit topics build on each other and concepts become more complex as artists develop more professional art skills.

Credits: .25 (semester)

Prerequisites: None.

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MS Digital Film Production: From "V" to Jurassic Park

Level: I

Course code: JLA code ART-201, FLDOE 107410

Course Length: Full Year

Course Description: This full-year course will instill a basic understanding of digital film production including technical, creative, professional, and historical aspects. With an amalgam of basic and industry-standard production equipment, students will be immersed in creating narrative films from inception to completion. They will become aware of the varied, "real world" processes included in the three main aspects of a film: Pre-Production, Production, and Post-Production. Students will leave this class with a basic understanding of beginning film aesthetics, video camera operations, cinematography, editing, narrative writing, how to call a shot, and life on a set.

Credits: .5 (semester)

Prerequisites: None

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US Digital Film Production I: From "V" to Jurassic Park

Level: I - open to 9th, 10th, and 11th graders.

Course code: JLA code ART-210, FLDOE 107410

Course Length: Full Year

Course Description: This full-year course will instill a basic understanding of digital film production including technical, creative, professional, and historical aspects. With an amalgam of basic and industry-standard production equipment, students will be immersed in creating narrative films from inception to completion. They will become aware of the varied, "real world" processes included in the three main aspects of a film: Pre-Production, Production, and Post-Production. Students will leave this class with a basic understanding of beginning film aesthetics, video camera operations, cinematography, editing, narrative writing, how to call a shot, and life on a set.

Credits: 1 (annual)

Prerequisites: None

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US Digital Film Production II

Level: II, III Honors, IV Honors, open to 9th-11th graders.

Course Code: JLA code ART-220, FLDOE 107410

Course Length: Full Year

Building on the previous class, this full-year course will advance the knowledge the student has gained. Acknowledging repetition breeds excellence, new, advanced concepts in film aesthetics, cinematography (including lighting and light shaping), editing, audio techniques, and writing will be learned. That, uplifted by greater technology like lighting, stabilizers, 4K cameras, and more advanced editing tools, will help the student work to attain a more professional level of look and feel. This course will include mandatory entries into the FSPA (Florida Scholastic Press Association) and STN (Student Television Network) Film Festivals/Contests as part of the grade.

Credits: 1 (annual)

Prerequisites: DFP Level I and written authorization of the teacher.

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Option 9 Video Production

Level: None. Open to all students.

Course code: JLA code ART-920, FLDOE 107410

Course Length: Full Year

Description: In this year-long option 9 course, students will become acquainted with the technical and aesthetic concepts involved in successful video production. Students will learn pre-production skills, video production structure and aesthetic principles, camera operation and recording procedures, lighting and audio techniques, and fundamental editing conventions and styles.

Credits: .25 (year)

Prerequisites: None.

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Performing Arts

Dance

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Intro to Dance

Level: MS - open to all middle school students.

Course code: JLA code DAN-090, FLDOE 0300000

Description: This introductory course provides students with the physical study of various dance techniques with an emphasis on historical and cultural relevance, and critical evaluation. Students will be exposed to a variety of movement styles and vocabulary including but not limited to ballet, modern/contemporary, and jazz dance. This course requires specific equipment: dance shoes (ballet and/or jazz shoes).

Credits: .5 (semester)

Prerequisites: None.

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Middle School Dance Studio 1

Level: MS- open to 7th graders.

Course code: JLA code DAN-100, FLDOE 0300000

Description: This introductory course provides students with the physical study of various dance techniques with an emphasis on historical and cultural relevance, and critical evaluation.

Students will be exposed to a variety of movement styles and vocabulary including but not limited to ballet, modern/contemporary, and jazz dance. This course requires specific equipment: dance shoes (ballet and/or jazz shoes).

Credits: .5 (semester)

Prerequisites: None.

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Upper School Dance Technique 1

Level: None. Open to 9th and 10th graders

Course code: JLA code DAN-130, FLDOE 0300310

Description: This introductory course provides students with the physical study of various dance techniques: ballet, jazz dance, modern dance/contemporary, world dances, and dance improvisation. With each rotating series of topics, students will investigate the historical roots, important dance works, and discuss the relevance to the student's current studies. The course will begin with dance conditioning elements and will culminate with choreography and performance for the student to synthesize, create and perform a duet or trio. This course requires specific equipment: dance shoes (ballet and/or jazz shoes).

Credits: 1 (annual)

Prerequisites: None.

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Dance Ensemble (Option 9)

Level: None. Open to all students.

Course code: JLA code DAN-900, FLDOE 0300310

Description: This course is focused on learning dances and making dances. Students will dive into the creative process by learning choreographic devices and principles of choreography. This is a performance-based course where students will have a guaranteed opportunity to dance for an audience at the end of the semester. This course is an additional option for students who want to pursue more dance opportunities or are unable to take the course during the school day. This is a yearlong course, so students should be prepared to remain in it at the semester point.

Credits: .5 (annual)

Prerequisites: None.

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MS Beginning Music

Level: None. Open to all middle school students.

Course code: JLA code MUS-101, FLDOE 1303200

The 6th-grade music exploration course introduces students to the basics of music theory, history, and appreciation. Through engaging lessons, they learn about rhythm, melody, harmony, and musical form while exploring various genres and styles. Additionally, students discover the rich tapestry of music history, gaining insight into influential composers and their contributions to the world of music. This course ignites a passion for music, equipping students with the foundational knowledge and appreciation to embark on a lifelong musical journey.

Credits: .5 (Semester)

Prerequisites: None.

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MS Intermediate Music

Level: None. Open to all middle school students.

Course code: JLA code MUS-111, FLDOE 1303200

The 7th-grade music exploration course offers students a more in-depth journey into the world of music theory, history, and appreciation. Through interactive lessons and guided exploration, students deepen their understanding of fundamental musical concepts such as rhythm, melody, harmony, and form. They embark on an immersive exploration of music history, tracing the evolution of musical styles and the contributions of influential composers throughout different time periods and cultures. Through listening activities, discussions, and analysis, students develop a sophisticated appreciation for the diversity and complexity of music. This course not only enriches students' musical knowledge but also fosters critical thinking, creativity, and cultural empathy.

Credits: .5 (semester)

Prerequisites: Students must be placed in intermediate at the discretion of the teacher.

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Upper School Music Level 1 (9th & 10th)

Level: None- open to all upper school students.

Course code: JLA code MUS-230, FLDOE 1305400

In this course, students will continue building their skills in instrumental/vocal technique and music literacy through the study/performance of various American popular music genres including Rock, Hip-Hop, Contemporary R&B, and popular Latin Music. The course will offer students the opportunity to form their own small musical ensembles and explore musical genres of their choice utilizing the foundational skills gained and strengthened in Groove Workshop 1 and 2. In addition, students will begin learning improvisation and song writing in order to create, perform, and record their own music with their peers. The course will also include a music production section and the possibility to expand into the DJing world of production and live performances.

Credits: 1 (annual)

Prerequisites: Students will be placed in the appropriate level at the discretion of the music teacher.

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Upper School Music Level 2 (9th & 10th)

Level: None. Open to all upper school students.

Course code: JLA code MUS-240, FLDOE 1305410

The goal of this course is to equip students with the tools necessary to become more independent musicians and continue building competence and artistry through musical performance, composition, and exploration of various musical genres in collaborative small ensembles. Guided by their instructor, students will form their own ensembles based on their musical tastes and interests (i.e. jazz combo, rock band, Klezmer ensemble, etc). The course will emphasize collaboration, creativity, artistic interpretation, arranging, improvisation, and songwriting. The course will also include a music production section and the possibility to expand into the DJing world of production and live performances.

Credits: 1 (annual)

Prerequisites: Students will be placed in the appropriate level at the discretion of the music teacher.

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[Option 9 Music Workshop](#)

Level: None. Open to all students.

Course code: JLA code MUS-900, FLDOE 1305400

This course is designed for students who either want more music opportunities than what they get during the day, or for those who are unable to fit music into their schedule. The goal of this course is to equip students with the tools necessary to become more independent musicians and continue building competence and artistry through musical performance, composition, and exploration of various musical genres in collaborative small ensembles. Guided by their instructor, students will form their own ensembles based on their musical tastes and interests (i.e. jazz combo, rock band, Klezmer ensemble, etc). The course will emphasize collaboration, creativity, artistic interpretation, arranging, improvisation, and songwriting.

Credits: .25 (semester)

Prerequisites: Students will be placed in the appropriate level at the discretion of the music teacher.

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[Upper School Digital Music](#)

Level: None. Open to all upper school students.

Course code: JLA code MUS-250, FLDOE 1304300

In this course, students will learn how to create music digitally as opposed to traditionally with instruments. Under the direction of a teacher who has worked in the field, students will learn about the technology needed to produce and record music in a real recording studio. Students will record the music that the students in Groove Workshop will perform, and they will create original digital music on their computers. Through this course, students will have an opportunity to record their own music and possibly even publish it on Spotify, Apple Music, Tidal, Youtube, and other streaming platforms.

Credits: .5 (semester)

Prerequisites: Students will be placed in the appropriate level at the discretion of the music teacher.

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[Spanish A](#)

Level: Open to middle school students who are new to Spanish.

Course code: JLA code SPN-101, FLDOE 708340

Description: Spanish A will provide the fundamentals of the Spanish language (levels A1 and A2 according to the International Common European Framework of Reference for Languages set out by the Council of Europe in 2001). Just like Option 9, this course will take students through a fun and conversational exploration of the cultures of Puerto Rico, some Spanish-speaking communities in the United States, and some Spanish-speaking countries: Mexico, Guatemala, Peru, Spain, Argentina, and Chile. In each of their 8 units, students will learn about the art, music, dance, movies, and popular culture of these countries, as well as their ethnic groups, geographic features, main cities, places of interest, landmarks, typical foods, sports, and the blend of Spanish customs with indigenous traditions. Along the way, they will also acquire the basic skills of reading, writing, speaking, and listening. This is a yearlong course.

Text: Encuentros 1, Vista Higher Learning

Credits: 1 (year)

Prerequisites: None.

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Spanish B

Level: Open to middle school students by placement only.

Course code: JLA code SPN-111, FLDOE 708350

Spanish B will provide the continuation of learning the Spanish language (levels A2 and B1 according to the International Common European Framework of Reference for Languages set out by the Council of Europe in 2001) through audiovisual aid, such as songs, graphic novel segments, commercials, videos, and texts with audios about geography and culture, foods, places, and communities. Just like Spanish 1, this course will continue to take students through a fun and conversational exploration of more Spanish-speaking countries but this time as part of a specific geographical region: Mexico and more Spanish-speaking communities in the United States as part of North America; Guatemala, El Salvador, Belize, Honduras, Nicaragua, Costa Rica, and Panama as part of Central America; Puerto Rico, the Dominican Republic, and Cuba as part of the Antilles; Colombia and Venezuela as part of the Continental Caribbean region; Ecuador, Peru, and Bolivia as part of the Central Andes; Argentina, Uruguay, and Paraguay as part of La Plata River; Chile as one of the countries through which the Pan-American Highway passes; and Catalonia, the Basque country, Galicia, and Andalusia as different language-regions of Spain. In each of the 8 units of Spanish 2, students will continue learning about the art, music, dance, movies, and popular culture of these countries as they gain more vocabulary and reflect on how the ways Spanish-speaking people (and we) eat, dress, build houses, live, work, have fun, play sports, interact with one another, and even speak are influenced by their (and our) cultural perspectives and practices. Along the way, they will continue acquiring the skills of reading, writing, speaking, and listening. This is a yearlong course.

Text: Encuentros 2, Vista Higher Learning

Credits: 1 (year)

Prerequisites: Students will be placed in the appropriate level at the discretion of the Spanish teacher.

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US Spanish 1

Level: Level 1. Open to upper school students.

Course code: JLA code SPN-200, FLDOE 708340

Description: Spanish 1 will provide the fundamentals of the Spanish language (levels A1 and A2 according to the International Common European Framework of Reference for Languages set out by the Council of Europe in 2001). Just like Option 9, this course will take students through a fun and conversational exploration of the cultures of Puerto Rico, some Spanish-speaking communities in the United States, and some Spanish-speaking countries: Mexico, Guatemala, Peru, Spain, Argentina, and Chile. In each of their 8 units, students will learn about the art, music, dance, movies, and popular culture of these countries, as well as their ethnic groups, geographic features, main cities, places of interest, landmarks, typical foods, sports, and the blend of Spanish customs with indigenous traditions. Along the way, they will also acquire the basic skills of reading, writing, speaking, and listening. This is a yearlong course.

Text: Encuentros 1, Vista Higher Learning sta

Credits: 1 (year)

Prerequisites: Students will be placed in the appropriate level at the discretion of the Spanish teacher.

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US Spanish 2

Level: Level 2. Open to upper school students.

Course code: JLA code SPN-210, FLDOE 708350

Spanish 2 will provide the continuation of learning the Spanish language (levels A2 and B1 according to the International Common European Framework of Reference for Languages set out by the Council of Europe in 2001) through audiovisual aid, such as songs, graphic novel segments, commercials, videos, and texts with audios about geography and culture, foods, places, and communities. Just like Spanish 1, this course will continue to take students through a fun and conversational exploration of more Spanish-speaking countries but this time as part of a specific geographical region: Mexico and more Spanish-speaking communities in the United States as part of North America; Guatemala, El Salvador, Belize, Honduras, Nicaragua, Costa Rica, and Panama as part of Central America; Puerto Rico, the Dominican Republic, and Cuba as part of the Antilles; Colombia and Venezuela as part of the Continental Caribbean region; Ecuador, Peru, and Bolivia as part of the Central Andes; Argentina, Uruguay, and Paraguay as part of La Plata River; Chile as one of the countries through which the Pan-American Highway passes; and Catalonia, the Basque country, Galicia, and Andalusia as different language-regions of Spain. In each of the 8 units of Spanish 2, students will continue learning about the art, music, dance, movies, and popular culture of these countries as they gain more vocabulary and reflect on how the ways Spanish-speaking people (and we) eat, dress, build houses, live, work, have fun, play sports, interact with one another, and even speak are influenced by their (and our) cultural perspectives and practices. Along the way, they will continue acquiring the skills of reading, writing, speaking, and listening. This is a yearlong course.

Text: Encuentros 2, Vista Higher Learning

Credits: 1 (year)

Prerequisites: Spanish 1, or placement at the discretion of the Spanish teacher.

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Option 9: Advanced Conversational Spanish

Level: Advanced. Open to middle and upper school students.

Course code: JLA code SPN-950

Description: This course will provide a fun opportunity for students who already have a strong background in Spanish to continue their language skills. The focus of this class will be on speaking, but there will be a variety of media used for practice. For example, students might watch short films or movies and then discuss them, or they might listen to and analyze songs, or perhaps they might read and discuss short stories or texts. This class is for students who are beyond Spanish 2 but want to continue developing their speaking and listening skills.

Text: Vista Higher Learning

Credits: .25 (semester)

Prerequisites: Placement in this course will be done at the discretion of the Spanish teacher.

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Science, Technology, Engineering & Math

Science

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Core Science for Middle School

[Geo Science: Earth and Space - Infinity and Beyond H](#)

Level: Honors. Required for all students in grade 6.

Course code: JLA code SCI-100, FLDOE 2001320, FBF-eligible

Description: This course's goal is to provide students with lab and field experiences that test and sharpen their observation and inquiry skills on content related to Earth and Space science - semester 1 involves geology and oceanography, while semester 2 undertakes meteorology, and astronomy. The course provides foundational techniques to study science and to improve the students' basic knowledge of how science works. Students learn about the techniques and resources used by Earth scientists and are pushed to utilize those tools to create precise observations and descriptions of weather phenomena, minerals, rocks, and the rock cycle. The annual Tu B'Shevat in January and the JLA Earth Day at year's end mark the conclusion of the two projects that students present on the topics of semester 1 and 2, respectively. Capstone projects involve data collection, analysis, and communication exercises. Written exams, lab practicum, and presentations take place all through the year to evaluate students' mastery of content and practical skills.

Text: Pearson, Earth Science, 15th edition, Tarbuck, Lutgens and Tasa (2017).

Credits: 1 (annual)

Prerequisites: 5th grade science

Co-requisite: For Honors, Math 6 or above. Advanced Earth and Space requires co-placement with Algebra 1.

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[Physical Sciences: Forces, Motion & Matter - Positive Energy H](#)

Level: Honors. Required for all students in grade 7 as H.

Course code: JLA code SCI-110, FLDOE 2003010

Description: This course provides students opportunities to refine their laboratory skills and practice science in action. Physical science concepts and other topics (matter, energy, force and motion, chemistry) are explored through hands-on, student-centered activities that involve using scientific methods, collaboration and regularly changing groups of peers. The course begins by introducing the concepts of scientific models and methods as well as theories and laws. Students then practice safely measuring physical properties of matter using a variety of tools and techniques. Students design and perform experiments that illustrate the behavior of matter and intermolecular forces as well as learn the use of scientific notation and significant figures. Students also explore energy in the forms of electricity, heat, light and sound, and perform experiments on force and motion. The last part of the year offers a study of chemistry: an introduction to atomic structure and the periodic table, and balancing chemical equations. Students continue to develop hands-on laboratory and critical- thinking skills, as well as active reading and note-taking skills. Written tests, lab practicals and student presentations of learning occur throughout the year to assess mastery of content and skills.

Text: McGraw Hill, Inspire Physical Science, Grades 9-12, National Edition (2021)

Credits: 1 (annual)

Prerequisites: 6th grade science, a placement test, and teacher recommendation.

Co-requisite: Math 7 or above

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[Life Science H](#)

Level: Honors. Required for students in grade 8.

Course code: JLA code SCI-120, FLDOE 2002110

Description: Eighth grade Life Science provides students with an opportunity to develop scientific process skills. Students will engage in hands-on and a student centered approach to learning science. Throughout the year students will explore life science as a scientific process, biodiversity and interdependence of organisms, chemistry and genetics of living cells, plant and animal cell structures and functions, heredity and pedigree, evolution, diversity of living organisms and their ecological roles, and an introduction to human and animal anatomy and function. This course will challenge students to read scientific textbooks, write about what they read, analyze and interpret numerical data, and research a variety of concepts.

Text: Concepts & Connections, 8th ed., Jane Reece et al.

Credits: 1 (annual)

Prerequisite: 7th grade science.

Co-requisite: Prealgebra or above

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Core Science for Upper School

Biology H and AC

Level: Honors. Required for students in grade 9. Open to students in grades 8 and 9.

Course code: JLA code H: SCI-130, AC: SCI-131, FLDOE 2000320

Description: The intent of this introductory biology course is to impart basic biological concepts and important details in biology, and to develop in each student an attitude of inquiry that fosters problem-solving. The course begins with an in-depth exploration of evolution that provides the foundation for topics including molecular biology, biochemistry, genetics, organismal biology and ecology. Biology is an integrated course of lectures, discussions and laboratory experiments with an emphasis on student involvement. The course also emphasizes scientific methodologies. In the second semester, students engage in a hands-on research experience to record the data and analyze real local environmental markers. End-of-semester assessments are comprehensive, project-based assignments that require students to gather, analyze and synthesize information, and communicate ideas effectively.

Text: Concepts & Connections, 8th ed., Jane Reece et al.

Credits: 1 (annual)

Prerequisite: 8th grade science.

Co-requisite: Algebra 1 or above

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Chemistry H and AC

Level: Honors. Required for all students in grade 10.

Course code: JLA code H: SCI-140, AC: SCI-141, FLDOE 2203350

Description: This course provides the student with an overview of the basic principles of chemistry and underscores the relevance of chemistry to everyday life and global issues. Students study atomic structure, organization of the periodic table, chemical bonding and the characteristics of ionic and covalent compounds, chemical reactions and equations, states of matter, solutions, acids and bases, and the basics of chemical equilibria. Hands-on activities and lab work, which may include inquiry-based methods, facilitate mastery of concepts. Throughout the course, students build conceptual frameworks to relate macroscopic observations to underlying nanoscale behavior. Assessments include both traditional assessments and lab practicals.

Text: Pearson Chemistry, Tro et al.

Credits: 1 (annual)

Prerequisite: Biology Honors

Co-requisite: Geometry or above

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[Physics, Algebra-based H and AC](#)

Level: Honors. Open to students in grades 11-12.

Course code: JLA code H: SCI-150, AC: SCI-151, FLDOE 20003421

Description: Advanced Algebra-based Physics is equivalent to the first semester of an algebra-based, introductory physics course in college. The course explores topics in Newtonian mechanics including kinematics, forces, energy, momentum, rotational motion, behavior of mechanical waves such as sound, and electrical circuits. In the laboratory, students develop the abilities to design experiments, critically analyze data and communicate results effectively.

Credits: 1 (annual)

Textbook: Physics with WileyPlus, 11th ed., John Cutnell et al.

Prerequisites: Algebra 2, Chemistry and department approval

Corequisite: Precalculus

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[Physics, Calculus-based - AD](#)

Level: Advanced. Open to students in grade 11 and 12.

Course code: JLA code SCI-152, FLDOE 2003422

Description: Advanced Calculus-based Physics is equivalent to the second semester of an algebra-based, introductory college physics course. The course explores topics including buoyancy, fluid mechanics, thermodynamics, electrostatics, complex electrical circuits, magnetism and electromagnetic induction, physical and geometric optics (the behavior of light), as well as quantum and nuclear physics. Through inquiry-based learning, students will continue to develop skills in data analysis, scientific critical-thinking and reasoning, problem solving and modeling.

Textbook: Physics with WileyPlus, 11th ed., John Cutnell et al.

Credits: 1 (annual)

Prerequisites: Precalculus, Physics and departmental approval

Corequisite: Calculus 1

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Science Electives for Middle School

[Option 9 - Botany Basics H](#)

Level: Honors. Open to all middle and high school students.

Course code: JLA code SCI-900, FLDOE 2000370

Description: This course is an introduction to the study of plants and their life processes. Students will learn about plant anatomy, physiology, and ecology, as well as the classification and diversity of plants. Botany is the scientific study of plants and their relationships to the environment and humans. In this course, students investigate the growth, reproduction, anatomy, morphology, physiology, structure, genetics, ecology, distribution, classification, and economic importance. Students learn about plant diversity, structure, and function from the perspective of how plants are important to humans. Hands-on work at our greenhouse, and the garden are to be expected.

Credits: .5 (semester)

Text: material provided by instructor

Prerequisite: none

Corequisite: none

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[Option 9 - Adventures in Health, Science, and Medicine H](#)

Level: Honors. Open to all middle school students.

Course code: JLA code SCI-930, FLDOE 0800360

Description: The purpose of this course is for students to apply health-related research practices. Experiences include discourses in major health problems in society, modern health practices, current scientific findings related to human diseases and disorders, collection, analysis and evaluation of health information, health advocacy trends, and health career investigations.

Credits: .5 (semester)

Text: Sources provided by the instructor.

Prerequisite: none

Corequisite: none

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Science Electives for Upper School

[Human Anatomy and Physiology H](#)

Level: Honors. Open to students in grades 10-12.

Course code: JLA code SCI-240, FLDOE 2000360

Description: This course offers an in-depth study of the structure and function of the human body. A discussion of basic cellular and molecular biology serves as an introduction to the study of the human organism at the cellular, organ and system levels. The foundations of differential diagnosis for disease conditions are explored by running experiments and dissections, and engaging in mock grand rounds. The remainder of the year surveys the various body systems, along with their interactions and abnormalities. Topics covered include blood and immunity, the cardiovascular system, the skeleton, nerves and muscles, the urinary system, metabolic systems and endocrinology. The experimental portion of the course applies theory presented in class to labs and projects that address health, wellness and disease conditions. Assessments include lab practicums, semester projects, discussion boards and essay-format examinations.

Credits: 1 (annual)

Text: Essentials of Anatomy & Physiology, Martini & Bartholomew (2020)

Prerequisites: Biology 9th grade

Co-requisites: Chemistry and Geometry

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[Microbiology and Biotechnology AD](#)

Level: Honors. Open to students in grades 10-12. This course can be continued by Research AD. Placement by teacher's recommendation.

Course code: JLA code SCI-232, FLDOE 2000360

Description: In this course, during the first semester, students discuss model organisms, fundamentals of organic chemistry, cell biochemistry, and metabolic pathways. During the second semester, the course applies the principles to more complex topics, including cell and tissue culturing and visualization, cell signaling, mitosis and meiosis, stem cells, apoptosis, fundamentals of genomics, proteomics, systems biology, and genetic engineering techniques. Students carry independent research projects during the second semester.

Credits: 1 (annual)

Text: Biotechnology: A Laboratory Skills Course, 2nd Edition, #17004717EDU, 2021. J. Kirk Brown.

Prerequisites: Biology 9th grade

Co-requisites: Chemistry and Geometry

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Technology and Computer Science

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Computer Science Electives for the Middle School

Coding Scratch H

Level: Honors. Open to MS students. Recommended for grade 6 students.

Course code: JLA code CSC-200, FLDOE 0200010

Description: Scratch is a program developed by MIT that teaches students the basics of how computers think! This program will introduce students to real coding programs and allow them to drag and drop coding blocks to create a fully functional program. The simple user interface and tutorials allow students to quickly create and run their code to see its results! This course assumes no prior computer coding knowledge, and it is designed to interweave lessons with discussions, presentations, peer feedback, and shared reflections. As students proceed through the pathway, the structures increasingly shift responsibility to the students to formulate their own questions, develop their own solutions, and critique their work.

Credits: .5 (semester)

Computer: JLA-provided Macs can be used as long as they have 10 GB of free space. Otherwise, our computer science department provides PCs with adequate memory at the Media Learning Center.

Text: Material provided by the instructor

Prerequisites: no prior computer coding knowledge

Co-requisites: none

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iOS App Designer H

Level: Honors. Open to MS students. Recommended for grade 7 students.

Course code: JLA code CSC-210, FLDOE 0200020

Description: This course exposes students to the basics of computer programming using a variety of software developed by some of the top technical universities: Massachusetts Institute of Technology, Carnegie Mellon University, and Georgia Tech, to name a few. Students will learn how to design apps, create 3D animations, program music, and use other innovative software. The emphasis is hands-on labs, with occasional lectures and presentations. The goal of the course is for students to develop critical-thinking skills through project-based learning. At the conclusion of the study of various topics, students create projects that bring together their new skills and programming knowledge. Although the course is designed for novice programmers, the curriculum is flexible enough to accommodate the needs of more advanced students.

Credits: .5 (semester)

Computer: JLA-provided Macs can be used as long as they have 10 GB of free space. Otherwise, our computer science department provides PCs with adequate memory at the Media Learning Center.

Text: Material provided by the instructor

Prerequisites: no prior computer coding knowledge is required. Scratch recommended.

Co-requisites: none

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Computer Science Electives for Mixed Grades

[Intro to Python and to Artificial Intelligence H](#)

Level: Accelerated. Open to grades 7 and upper school students.

Course code: JLA code CSC-231, FLDOE 0200335

Description:

Text: The first part of this course offers an introduction to the higher level programming language of Python, in which students will learn the fundamental concepts of programming using Python. We will cover Python syntax and basics including variables, data types, control structures, functions, and basic object-oriented programming principles. Hands-on exercises and projects will reinforce these concepts, allowing students to apply what they've learned in practical scenarios. Introduction to Artificial Intelligence is the starting point for the Artificial Intelligence pathway. The second part of this course examines the fundamental concepts of AI in society and the professional world. Students will gain knowledge in programming, machine learning and will have hands-on experience with the application of AI in various fields. Artificial intelligence is the study of how the mind works and how intelligence can be created or enhanced. Topics include self-driving cars, robots, swarm intelligence, speech recognition, competitive agents, and more. Students will read about, analyze, and create their own algorithms. Games and puzzles will be used to explain concepts and to provide a mathematical testbed for algorithms. Students will also work on projects where they get to learn about, create, and present artificial intelligence.

Text: For the intro to Python section, the teacher will provide the material, and for the Artificial Intelligence section, students will use "A Modern Approach, 4th ed.," by Stuart Russell and Peter Norvig

Credits: 1 (annual)

Computer: JLA-provided Macs can be used as long as they have 10 GB of free space. Otherwise, our computer science department provides PCs with adequate memory at the Media Learning Center.

Corequisite: Algebra 1

Recommendation: Carrying a B or better in honors English

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Computer Science Electives for the Upper School

[Coding with Python H](#)

Level: Honors. Open to students in grades 9-12.

Course code: JLA code CSC-240, FLDOE 9007210

Description: In this course, students study computer programming concepts independent of specific platforms and languages. Weekly projects are assigned, with occasional larger projects. Students are encouraged to collaborate and learn the concepts of computer programming through projects and explorations. The course also offers an introduction to computer hardware and circuitry. Python is the dominant language used to learn computational thinking. Four basic data types are introduced: lists, tuples, sets and dictionaries. MATLAB® provides a flexible, two-way integration with Python. Students compare the flexibility of Python with the complexity of MATLAB, commonly used by scientists and engineers to run technical and mathematical calculations. The semester culminates in an independent project consisting of written (planning, research) and programming portions summarizing the concepts of computer programming.

Textbooks: online and other reference materials provided by the instructor.

Credits: 1 (annual)

Computer: JLA-provided Macs can be used as long as they have 10 GB of free space. Otherwise, our computer science department provides PCs with adequate memory at the Media Learning Center.

Prerequisites: Pre Algebra. No prior computer coding knowledge is required.

Co-requisites: Algebra 1

Recommendation: Carrying a B or better in honors English

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Coding C# and R H

Level: Honors. Open to students in grades 9-12.

Course code: JLA code CSC-250, FLDOE 9007210

Description: This course is designed to develop logic and programming skills through immersion in the fundamentals of C. Programming projects involving mathematical problems and word games challenge students to develop their logical reasoning, systematic thinking, and problem-solving skills. Students learn the structure and features of a fundamental programming language as they implement solutions in C, C++, and C#. Students start learning to code in C, a basic-level language. They progress to C++, an intermediate-level language that adds object-oriented features to its base C to compile programs to machine code. After the first quarter, students dive into C#, as they compile programs to Common Language Runtime or CLR. In addition to teaching programming techniques, the course will cover an overview of fundamental computing concepts such as data structures, library design, and memory management. Finally, students will compare and contrast C# with the fast growing industry use of R, a language widely used by data scientists to heavy statistics and combine different languages into machine learning techniques.

Textbooks: online and other reference materials provided by the instructor.

Credits: 1 (annual)

Computer: JLA-provided Macs can be used as long as they have 10 GB of free space.

Otherwise, our computer science department provides PCs with adequate memory at the Media Learning Center.

Prerequisites: Pre Algebra. No prior computer coding knowledge is required.

Co-requisites: Algebra 1

Recommendation: Carrying a B or better in honors English

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Applied Data Science AD

Level: Advanced. Open to students in grades 10-12.

Course code: JLA code CSC-212, FLDOE 9401100

Description: This course introduces students to the emerging field of applied data science, an interdisciplinary field that uses scientific method and algorithms to extract knowledge, trends, and patterns from data. It covers the full spectrum of data science, from data acquisition and cleaning to advanced machine learning techniques and a capstone project that allows students to apply their knowledge to real-world problems. Students learn applications of statistics, machine learning, information visualization, text analysis, and social network analysis. The course starts with a basic review of mathematical, coding, and statistical concepts. A few weeks of Excel from basic to some advanced skills and introductory Python coding follow. Work then begins in applied data science with Python, using an online learning platform (Coursera; Applied Data Science with Python Specialization). During this part of the course, students work with Python toolkits such as pandas, matplotlib, scikit-learn, nltk, and networkx to gain insight into their data. Throughout the course, students will work with real-world datasets and use Python and Tableau to complete various assignments and projects. The course will provide students with the skills and knowledge they need to begin working as data scientists or to continue their education in the field. During the second semester, students work on projects that involve real-world problems.

Textbooks: materials provided by the instructor; readings and other materials are focused on the latest peer-reviewed literature for each topic in the course

Credits: 1 (annual)

Computer: JLA-provided Macs can be used as long as they have 10 GB of free space. Otherwise, our computer science department provides PCs with adequate memory at the Media Learning Center.

Prerequisite: Algebra 2, and department approval

Corequisite: Precalculus

Recommendation: Carrying a B or better in honors English

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Engineering

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Engineering Electives for the Middle School

FabLab Designers H

Level: Honors. Open to middle school students. Recommended for students in grade 6.

Course code: JLA code EGR-200, FLDOE 8600020

Description: In FabLab Designer, students discover the engineering design process and develop an understanding of the influence of creativity and innovation in their lives. They are then challenged and empowered to use and apply the design process throughout the unit to design solutions to various problems. Students will use a FabLab to bring their designs to life using 3D printers, laser engravers, CNC machines, and vinyl cutters.

Credits: .5 (Fall semester) or .5 (Spring semester)

Textbooks: Project Lead the Way (PLTW) and Center for Initiatives in Jewish Education.

Prerequisite: none **Corequisite:** none

Recommendation: Carrying a B or better in honors English and in Math Grade 5.

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FabLab Solutions H

Level: Honors. Open to middle school students. Recommended for students in grade 7.

Course code: JLA code EGR-210, FLDOE

Description: Students work with the FabLab equipment to explore, build, and create achievable fabrication projects within STEM. Students will learn about electronics, soldering, 3D printing, fabrication technology, and more. Students will fabricate prototypes of soda machines, pneumatically operated pinball machines, LED night lamps, MP3 speakers, Fabricated solar cars, and more.

Credits: .5 (Fall semester) or .5 (Spring semester)

Textbooks: materials provided by the instructor; readings and other materials focused on the latest peer-reviewed literature for each topic in the course.

Prerequisite: none **Corequisite:** none

Recommendation: Carrying a B or better in honors English and Math Grades 6.

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Nuts and Bolts Robotics

Level: Honors. Open to middle school students. Recommended for students in grade 8.

Course Code: EGR-220, FLDOE 9410110

Description: Students will combine mechanisms with input and output devices to automate the mechanisms. Construction and programming skills are layered, and projects and problems

provide students the opportunity to connect their learning throughout the lessons in the unit. Students take on the role of interns and work in teams to identify design requirements and create prototypes to meet clients' needs. They also explore different aspects of automation and robotics and experience how solving real-life problems involves the teamwork of mechanical engineers, software developers, and electrical engineers.

Credits: .5 (Fall semester) or .5 (Spring)

Textbooks: Project Lead the Way (PLTW) and Vex Robotics curriculum.

Prerequisite: none

Corequisite: none

Recommendation: Carrying a B or better in honors English and Math Grade 7.

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Option 9 - MS Robotic Competition H

Level: Honors. Open to middle school students. Recommended for students in grades 6/7/8.

Code: year 1: EGR-900, year 2: EGR-901, year 3: EGR-902, according to FLDOE 9410100

Description: Students will be working in teams of 3 throughout the year. They will work together to design, build, code, and drive competition robotics. Students will get to travel to local competitions in Florida and national competitions throughout the country if we place 1st, 2nd, or 3rd at the state level.

Credits: 1 (annual)

Textbooks: Center for Initiatives in Jewish Education and Vex Robotics curriculum.

Prerequisite: none

Corequisite: none

Recommendation: Carrying a B or better in both honors English and Math Grades

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Engineering Electives for the Upper School

Intro to Engineering H

Level: Honors. Open to all upper school students new to engineering.

Course code: JLA code EGR-230, FLDOE 8600550

Description: Engineering Essentials is a full-year course designed to explore the work of engineers and their role in the design and development of solutions to real-world problems. The course introduces students to engineering concepts that are applicable across multiple engineering disciplines and empowers them to build technical skills through the use of a variety of engineering tools, such as geographic information systems (GIS), 3-D solid modeling software, and prototyping equipment. Students learn and apply the engineering design process to develop mechanical, electronic, process, and logistical solutions to relevant problems across a variety of industry sectors, including health care, public service, and product development and manufacturing. Using PLTW's activity-, project-, problem-based (APB) instructional approach, students advance from completing structured activities to solving open-ended projects and problems that provide opportunities to develop planning and technical documentation skills, as well as in-demand, transportable skills, such as problem-solving, critical and creative thinking, collaboration, communication, and ethical reasoning. The last is particularly important as the course encourages students to consider the impacts of engineering decisions. Through both individual and collaborative team activities, projects, and problems, students create solutions to problems as they practice common engineering design and development protocols, such as experimental design, testing, project management, and peer review. In addition, the course emphasizes statistical analysis and mathematical modeling – computational methods commonly used in engineering problem-solving.

Textbooks: materials provided by the instructor; readings and other materials are focused on the latest peer-reviewed literature for each topic in the course

Credits: 1 (annual)

Prerequisite: Department approval

Corequisite: Algebra 1

Recommendation: B or better in honors English and Mathematics.

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Principles in Engineering AC

Level: Accelerated. Open to all upper school students interested in continuing the engineering track.

Course code: JLA code EGR-202, FLDOE 8600520

Description: Principles of Engineering is a full-year course designed to be a high school student's second exposure to the PLTW Engineering program. In Principles of Engineering, students explore a broad range of engineering disciplines, and careers, and solve real-world engineering problems. This course introduces students to engineering concepts that apply to a variety of engineering disciplines and empowers them to develop technical skills through the use of engineering tools such as 3-D modeling software, hands-on prototyping equipment, programming software, and robotics hardware to bring their solutions to life. Students apply the engineering design process to solve real-world problems across a breadth of engineering fields such as mechanical, robotics, infrastructure, environmental sustainability, and product design and development. Using PLTW's activity-, project-, problem-based (APB) instructional approach, students advance from completing structured activities to solving open-ended projects and problems that provide opportunities to develop planning and technical documentation skills, as well as in-demand, transportable skills such as problem-solving, critical thinking, collaboration, communication, and ethical reasoning. The last is particularly important as the course encourages students to consider the impacts of engineering decisions. Through individual and collaborative team activities, projects, and problems, students create solutions to problems as they practice common engineering design and development protocols, such as experimental design, testing, project management, and peer review.

Credits: 1 (annual)

Prerequisite: Intro to Engineering or Intro to Engineering Design

Corequisite: Algebra 1 and Geometry

Recommendation: B or better in honors English and Mathematics

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Option 9 - US Robotic Competitions H

Level: Honors. Open to upper school students. Recommended for students in grades 9,10,11,12.

Code: EGR-910/920/930/940, according to FLDOE 9410110, 9410120, 9410130, 9410130, 9410140, for years 1, 2, 3 and 4, respectively.

Description: Students will be working in teams throughout the year. They will work together to design, build, code, and drive competition robotics. Students will get to travel to local competitions in Florida and national competitions throughout the country if we place 1st, 2nd, or 3rd at the state level.

Credits: 1 (annual)

Textbooks: Center for Initiatives in Jewish Education and Vex Robotics curriculum.

Prerequisite: none

Corequisite: none

Recommendation: B or better in honors English and Mathematics.

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Mathematics

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Core Mathematics for Middle School

[Grade 6 Math H](#)

Level: Honors. Mandatory for students in grade 6.

Course code: JLA code MAT-100, FLDOE 1205010

Description: In grade 6 Honors Math, instructional time will emphasize five areas: (1) performing all four operations with integers, positive decimals, and positive fractions with procedural fluency; (2) exploring and applying concepts of ratios, rates, and percent to solve problems; (3) creating, interpreting, and using expressions and equations; (4) extending geometric reasoning to plotting points on the coordinate plane, area, and volume of geometric figures; and (5) extending understanding of statistical thinking.

Textbooks: McGraw Hill Everyday Math 4 Comprehensive Student Materials Set, Grade 6. National Ed. (2020)

Credits: 1 (annual)

Prerequisite: Math grade 5

Corequisite: none

Recommendation: teacher recommendation

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[Grade 7 Math H and AC](#)

Level: Honors. Mandatory for students in grade 7. Open to students in grades 6 and 7.

Course code: JLA code H: MAT-110, AC: MAT-111, FLDOE 1205040

Description: In grade 7 Honors Math, instructional time will emphasize five areas: (1) recognizing that fractions, decimals, and percentages are different representations of rational numbers and performing all four operations with rational numbers with procedural fluency; (2) creating equivalent expressions and solving equations and inequalities; (3) developing an understanding of and applying proportional relationships in two variables; (4) extending the analysis of two- and three-dimensional figures to include circles and cylinders; and (5) representing and comparing categorical and numerical data and developing an understanding of probability.

Textbooks: McGraw Hill, Reveal Math Accelerated Grade 7-8 with Aleks. National Ed. (2021)

Credits: 1 (annual)

Prerequisite: Math grade 6 or teacher recommendation, departmental approval and placement test

Corequisite: none

Recommendation: Teacher recommendation

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[Pre Algebra H and AC](#)

Level: Honors. Mandatory for students in grade 8.

Course code: JLA code H: MAT-120, AC: MAT-121, FLDOE 1205060

Description: The topics covered in Pre-Algebra include the use of variables in arithmetic equations; review of addition, subtraction, multiplication and division with whole numbers, decimals and fractions; algebraic properties; integers and equations; number theory; rational numbers; ratio, proportion and percent; introduction to probability and statistics; informal geometry: perimeter, area, surface area, volume; metrics, graphing inequalities; and graphing linear equations. These topics are applied frequently in solving word problems. Students are also expected to demonstrate their understanding of mathematics through writing. The goals include providing skills needed for the study of Algebra 1, developing an ability to apply these skills to solve word problems, and improving written communication skills in mathematics.

Textbooks: McGraw Hill, Reveal Math Course 1 with Aleks and Arrive Math Booster, National Ed. Grades 6-9 (2020)

Credits: 1 (annual)

Prerequisite: Math 7, or teacher recommendation, departmental approval and placement test

Corequisite: none

Recommendation: Teacher recommendation

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Pre Algebra AoPS

Level: Art of Problem Solving. Open to students in grade 6.

Course code: JLA code MAT-122, FLDOE 1205070

Description: In AoPS Pre Algebra, instructional time will emphasize six areas: (1) representing numbers in scientific notation and extending the set of numbers to the system of real numbers, which includes irrational numbers; (2) generating equivalent numerical and algebraic expressions, including using the Laws of Exponents; (3) creating and reasoning about linear relationships, including modeling an association in bivariate data with a linear equation; (4) solving linear equations, inequalities, and systems of linear equations; (5) developing an understanding of the concept of a function; and (6) analyzing two-dimensional figures, particularly triangles, using distance, angle, and applying the Pythagorean Theorem. Prealgebra AoPS prepares students for the rigors of algebra and also teaches students problem-solving techniques to prepare them for prestigious middle school math contests such as MATHCOUNTS, MOEMS, and the AMC 8.

Textbooks: AoPS Prealgebra with Alcumus, Richard Rusczyk, David Patrick, Ravi Boppana (2021).

Credits: 1 (annual)

Prerequisite: Math 7

Corequisite: none

Recommendation: teacher recommendation

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Core Mathematics for Upper School

Algebra 1 H and AC

Level: Honors. Mandatory for students in grade 9.

Course code: JLA code H: MAT-130, AC: MAT-131 FLDOE 1200310 and FLDOE 1200320

Description: This course offers the fundamentals of algebra, covering topics that utilize the mechanics of algebra in order to develop and hone problem-solving skills. Real-life applications are stressed whenever possible. These problem-solving skills play a vital role not only in future math courses, but also in all subject areas. The topics include a review of operations with integers and rational numbers, solving equations and inequalities, word-problem applications, polynomials, factoring, functions and graphs, linear systems, quadratics, radicals and rational expressions.

Textbooks: McGraw Hill, Reveal Algebra 1 with Aleks, Grades 9-12, National Ed. (2020)

Credits: 1 (annual)

Prerequisite: Pre Algebra

Corequisite: none

Recommendation: teacher recommendation

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Algebra 1 AoPS

Level: Art of Problem Solving. Open to students in grade 7.

Course code: JLA code MAT-132, FLDOE 1200330

Description: In this course, students learn the basics of algebra from former USA Mathematical Olympiad winner and Art of Problem Solving founder Richard Rusczyk. Topics covered in the course include linear equations, ratios, quadratic equations, special factorizations, complex numbers, graphing linear and quadratic equations, linear and quadratic inequalities, functions, polynomials, exponents and logarithms, absolute value, sequences and series. Algebra 1 AoPS prepares students for the rigors of algebra and also teaches students problem-solving techniques to prepare them for prestigious math contests such as MATHCOUNTS, MOEMS, and others.

Text: AoPS Introduction to Algebra, by Richard Rusczyk (2021).

Credits: 1 (annual)

Prerequisite: Pre Algebra

Recommendation: teacher recommendation

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Geometry H and AC

Level: Honors. Mandatory for students in grade 10, and open to students in lower grades who have completed the prerequisites..

Course code: JLA code H: MAT-140, AC: MAT-141, FLDOE 1206310 and FLDOE 1206311

Description: Geometry (Algebra-based) offers an introduction to a mathematical theory of space. This course concentrates on Euclidean geometry while maintaining and sharpening algebraic skills. The topics include: deductive systems, undefined terms, definitions, postulates, theorems, proofs, indirect proofs; subsets of space: points, lines, planes, segments, rays, angles, triangles, quadrilaterals, polygons, and polygonal regions; real numbers and measurement: betweenness, distance, angle measure, area, volume, convex sets and separation, incidence, perpendicularity and parallelism; equivalence relation: congruence, proportionality and similarity; the Pythagorean Theorem; circles, tangents, arcs, chords, regular polygons, circumference, sectors; prisms, pyramids, cylinders, cones and spheres; and right triangle trigonometry. Although students are expected to be able to write formal and indirect proofs, algebraic proofs will be emphasized, especially in the coordinate geometry unit. Projects involving ALEKS, a system that uses artificial intelligence to help design personalized learning programs, will be used to complement traditional assignments.

Text: McGraw Hill Geometry with Aleks, Grades 9-12, National Edition (2020).

Credits: 1 (annual)

Prerequisite: Algebra 1 and department approval

Recommendation: teacher recommendation

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Intro to Geometry AoPS

Level: Art of Problem Solving. Open to students in grade 8.

Course code: JLA code MAT-142, FLDOE 1206810

Description: Geometry (Proof-based) introduces students to the mathematical theory of space, and is more theoretical than Geometry (Algebra-based), emphasizing the process of proving theorems. This course emphasizes a rigorous approach, utilizing the student's ability to handle abstractions and generalize and apply concepts to concrete examples. It is a fast-paced course and challenges the student to interpret complex written problems and write well-supported solutions to those problems. Topics from Geometry (Algebra-based) are covered as well as a rigorous study of logic, including including topics such as similar triangles, congruent triangles, quadrilaterals, polygons, circles, funky areas, power of a point, three-dimensional geometry, transformations, and introductory trigonometry. Geometry AoPS prepares students for the

rigors of geometry and introduction to trigonometry and also teaches students problem-solving techniques to prepare them for prestigious math contests such as MATHCOUNTS, MOEMS, and others.

Text: AoPS Introduction to Geometry with Alcumus, by Richard Rusczyk (2021).

Credits: 1 (annual)

Prerequisite: Algebra 2 and department approval

Recommendation: teacher recommendation

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Algebra 2 H and AC

Level: Honors. Mandatory for students in grade 11, and open to students in lower grades who have completed the prerequisites..

Course code: JLA code H: MAT-150, AC: MAT-151, FLDOE 1200330

Description: Algebra 2 builds on the knowledge gained in Algebra 1. Students must be able to use variables to construct and solve equations and inequalities arising from modeling real-life situations. The emphasis is on linear and quadratic functions. Additionally, polynomial, logarithmic and exponential functions are discussed. This course enhances the student's ability to reason numerically, analytically and graphically, and employs the use of the graphing calculator. The mathematics department believes that writing must be used to gain a deeper understanding of mathematics, and thus students will be asked to write in and outside of class.

Text: McGraw Hill, Reveal Algebra 2 with Aleks, Grades 9-12, National Edition (2020)

Credits: 1 (annual)

Prerequisite: Algebra 1

Recommendation: teacher recommendation

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Algebra 2 AoPS

Level: Art of Problem Solving. Open to students in grade 9.

Course code: JLA code MAT-152, FLDOE 1200340

Description: In this course, topics covered include a review of basic algebra topics, complex numbers, quadratics and conic sections, polynomials, multivariable expressions, sequences and series, identities, inequalities, exponents and logarithms, piecewise-defined functions, functional equations.

Text: AoPS Intermediate Algebra, by Richard Rusczyk and Mathew Crawford. (2020)

Credits: 1 (annual)

Prerequisite: Geometry and department approval

Recommendation: teacher recommendation

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Precalculus H and AC

Level: Honors. Mandatory for students in grade 12, and open to students in lower grades who have completed the prerequisites.

Course code: JLA code H: MAT-160, AC: MAT-161,, FLDOE 1202340 and FLDOE 1202380

Description: Precalculus reviews several algebra and geometry topics and includes the study of trigonometry and analytic geometry. The course provides a rigorous review of functions, both linear and quadratic, graphing and interpreting data from graphs, elementary theory of equations, and logarithmic and exponential functions. From geometry, the following topics are reviewed: parallel and perpendicular lines, congruent triangles, polygons and circles. This course also includes the study of trigonometric functions, trigonometric identities, solving trigonometric equations and applications. The graphing calculator is used throughout the course as a tool for exploring and deepening precalculus concepts.

Text: Precalculus, 11th ed., Ron Larson and Robert Hostetler (2021)

Credits: 1 (annual)

Prerequisites: Algebra 2 and Geometry, and department approval.

Recommendation: teacher recommendation

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Precalculus AoPS

Level: Art of Problem Solving. Open to students grades 9 and 10.

Course code: JLA code MAT-162, FLDOE 1202380

Description: This course covers trigonometry, complex numbers, vectors, and matrices. It includes nearly 1000 problems, ranging from routine exercises to extremely challenging problems drawn from major mathematics competitions such as the American Invitational Mathematics Exam and the USA Mathematical Olympiad.

Text: AoPS Precalculus (2nd ed.), by Richard Rusczyk (2020).

Credits: 1 (annual)

Prerequisite: Algebra 2 and department approval

Recommendation: teacher recommendation

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Mathematics Electives for Middle School

Middle School Competition Prep AoPS

Level: Art of Problem Solving. Open to students in grades 6 to 8.

Course code: JLA code MAT-232

Description: In this course, accelerated and advanced math students search for problems and materials to prepare for Competition Math in the areas of Algebra, Counting, Probability, Number Theory, and Geometry. The focus is to clarify concepts, identify strategies as well as helpful tips and tricks to solve advanced mathematical problems. Students prepare for contests like MATHCOUNTS and the AMC 8/10/12.

Text: AoPS The Art of Problem Solving, Volume 1: the Basics, (2020). And AoPS Competition Math for Middle School, by Jason Batterson (2020).

Credits: 1 (annual)

Prerequisite: department approval

Recommendation: teacher recommendation

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Mathematics Electives for Upper School

Topics in Advanced Mathematics AD

Level: Advanced. Open to students in grades 9 to 12.

Course code: JLA code MAT-952, FLDOE 1212300

Description: The goal of this course is to give an introduction in the breadth and depth of modern abstract mathematics. The topics will include an introduction to the following branches of mathematics: Graph Theory, Combinatorics, Group Theory, Number Theory, Real Analysis, Computation Theory, and Cryptography. Students enrolled in this course will be exposed to the language and art of modern mathematics. The idea for this course will be to develop a broader view and deeper understanding of mathematics to appreciate its beauty and strength.

Text: Material is determined by the teacher following BEST and NGSS standards.

Credits: .5 (semester)

Prerequisites: Algebra 2 and department approval.

Recommendation: teacher recommendation

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[Applied Statistics and Probability H](#)

Level: Honors. Open to students in grades 9 to 12.

Course code: JLA code MAT-900, FLDOE 1210300

Description: The first semester offers an introduction to descriptive statistics. Topics in the first semester include collecting data, comparing and describing data, sampling and experimental design, confidence intervals, probability, and normal and binomial distributions. The second semester offers an introduction to inferential statistics. Topics covered in the second part of statistics include the principles of inferential statistics using comparisons to analyze data, inferences with categorical data and relationships in data. Assignments, projects and technology include the use of Excel and TI-84 programs. Students do all calculations with the use of these tools. Students undertake quarterly projects that relate to the term-long research project — namely the design, implementation and analysis of an experiment.

Text: Workshop Statistics, 4th ed., Allan Rossman and Beth Chance

Credits: .5 (semester)

Prerequisites: Algebra 2 and department approval.

Recommendation: teacher recommendation

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[Calculus 1 H and AC](#)

Level: Honors. Open to students in grades 9 to 12.

Course code: JLA code H: MAT-210, AC: MAT-211, FLDOE 1202300

Description: This course offers an introduction to calculus. Emphasis is on applying the concepts of the derivative and integral to engineering, business, economics, life sciences and social and behavioral science. The graphing calculator will be used as the major laboratory tool for exploring calculus concepts and attempting more interesting and difficult problems. Topics covered in this course include a brief review of precalculus concepts, limits, related rates, optimization, differential equations, average value, volume, antiderivatives, definite integrals, improper integrals and numerical methods. The course includes a significant project component in which students explore practical applications of calculus.

Text: Calculus: An Applied Approach, 12th ed., Ron Larson and Bruce Edwards (2023)

Credits: 1 (annual)

Prerequisites: Precalculus and department approval.

Recommendation: teacher recommendation

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[Calculus 1 AD](#)

Level: Honors. Open to students in grades 9 to 12.

Course code: JLA code MAT-210, FLDOE 1202300

Description: This course offers an introduction to calculus. Emphasis is on applying the concepts of the derivative and integral to engineering, business, economics, life sciences and social and behavioral science. The graphing calculator will be used as the major laboratory tool for exploring calculus concepts and attempting more interesting and difficult problems. Topics covered in this course include a brief review of precalculus concepts, limits, related rates, optimization, differential equations, average value, volume, antiderivatives, definite integrals, improper integrals and numerical methods. The course includes a significant project component in which students explore practical applications of calculus.

Text: Calculus: An Applied Approach, 12th ed., Ron Larson and Bruce Edwards (2023)

Credits: 1 (annual)

Prerequisites: Precalculus and department approval.

Recommendation: teacher recommendation

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Calculus AoPS

Level: Art of Problem Solving. Open to students in grades 9 to 12.

Course code: JLA code MAT-202, FLDOE 1202310

Description: Advanced Placement Calculus 1 is a college-level course designed to meet the requirements for the Advanced Placement Calculus AB Examination and to prepare students for Advanced Placement Calculus 2. Topics covered include the algebra of functions, trigonometry, logarithms, advanced graphing techniques, limits and continuity, the derivative and its applications, techniques of differentiation and integration, area under a curve, integrals and their applications, and the first and second fundamental theorems of calculus. Students learn to interpret complex problems and write well-supported solutions to those problems. The graphing calculator is used throughout the course as a tool for exploring, deepening calculus concepts and preparing the student to solve more difficult problems.

Text: AoPS Calculus, by David Patrick (2020).

Credits: 1 (annual)

Prerequisite: Precalculus and department approval

Recommendation: teacher recommendation

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Upper School Competition Prep AoPS

Level: Art of Problem Solving. Open to students in grades 9 to 12.

Course code: JLA code MAT-242 , MAT-942

Description: In this course, students prepare for contests like MATHCOUNTS, the Mandelbrot Competition, and the American Mathematical Contest AMC 8/10/12 series to qualify for the Math Olympiad Summer Program which trains students for the United States International Math Olympiad team. In the first part of the year, students focus on classic problem solving, learning and understanding methods rather than memorizing formulas so as to enable students to solve large classes of problems beyond already available problems during the second semester. This course helps students prepare for advanced high school contests like the AMC 12, AIME, and the Harvard-MIT Mathematics Tournament.

Text: AoPS the Art of Problem Solving, Volume 2: Beyond, by Sandor Lehoczky and Richard Rusczyk (2020).

Credits: 1 (annual)

Prerequisite: department approval

Recommendation: teacher recommendation

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Judaic Studies

[History](#) · [English](#) · [Visual Arts](#) · [Performing Arts: Dance](#) · [Music](#) · [Spanish](#) · [Science](#) · [Computer Science](#) · [Engineering](#) · [Math](#) · [Judaics](#) · [Hebrew](#) · [Physical Conditioning and Health](#) · [Additional Academic Programming & Credit Courses](#)
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Middle School Judaic Studies Alef

Middle School Judaic Studies Alef courses meet every day for one semester. Students may choose two of the three courses to their grade level. All courses are text based and texts will be provided in both the original language and in English translation.

[Shabbat: Our Holy Day](#)

Level: 6th Grade

Course Code: JUD-110

Description: Explore one of Judaism's most iconic practices: The Mitzvah of Shabbat. In addition to becoming knowledgeable in the laws of Shabbat, you will learn profound ideas from classic Jewish philosophical writings to gain a better appreciation of what Shabbat means and why it is such an integral part of our Jewish identity. Throughout the course we will use a wide range of texts that will help us trace the Halacha from its biblical roots to its practical application. We will also focus on the text of the siddur to learn about the prayers, their meaning and how they help us create the right mindset for the day. This course will blend text study, collaborative research and project-driven learning which will all come together to deepen your appreciation of Shabbat and the holidays **Text:** Source Packet

Credits: .5 (Semester)

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[The Wisdom of our Sages: Pirkei Avot](#)

Level: 6th Grade

Course Code: JUD-100

Description: Using the ancient teachings and wisdom of the Rabbis from 2000 years ago, this course will offer students an opportunity to explore ideas central to Judaism's approach to life found within the pages of Pirkei Avot/Ethics of our Sages. How did the compilers of the Mishna describe a life worth living? In this course students will study the sayings of ancient Jewish leaders, and will explore how their messages are still relevant today.

This course will require students to study Mishnayot, reflect on the lessons being taught, and thoughtfully discuss the relevant messages of each lesson.

Credits: .5 (Semester)

Text: Mishna Avot

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[Sanctifying Space: Holy Buildings and Items](#)

Level: 6th Grade

Course Code: JUD-120

Description: Exploring the concepts and importance of holy places and objects, students will learn about God's chosen spaces, including The Garden of Eden, Mt. Sinai, Israel, Jerusalem, the First, Second and the future Third Temples, the Synagogue, and artifacts that we use in rituals like the Shofar, and Lulav.

Students will examine primary texts with commentaries and will use the Mishnah, Talmud, Maimonides and modern resources, to deepen their understanding of the design and function of these spaces and objects.

A project-based learning course, students will study the features of sanctified buildings, and objects, to design, and create their own.

Credits: .5 (Semester)

Text: Source Packet

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[The Art of Jewish Prayer](#)

Level: 7th Grade

Course Code: JUD-200

Description: A course on the ritual of Tefillah, Jewish prayer, designed to address the most fundamental questions and challenges that prayer can pose. Discover the origin of prayer and its evolution over time up to the development of the siddur. Gain a deeper understanding of how the structure of prayer, the words, the ideas, and the laws, all take part in the transformative experience of meditation. Explore the technical and cultural aspects of prayer as you gain appreciation for the differences in customs and traditions.

Credits: .5 (Semester)

Text: Koren NCSY Siddur

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[From Slavery to Redemption: The Exodus Story](#)

Level: 7th Grade

Course Code: JUD-220

Description: This course will examine the Exodus story as a model of transformation and redemption in Jewish tradition. The course will explore the biblical narrative of the Israelites' liberation from slavery in Egypt, as well as the theological and ethical implications of this story for Jewish identity and ethics. Anchored in the text of the Chumash, students will explore the story with supporting commentary and consider some of the lessons that can be applied to their own lives. Students will work on refining their reading comprehension and analytical skills within the Chumash and its commentaries.

Credits: .5 (Semester)

Text: Chumash Shemot

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[Talmud Bava Metzia: What's Mine?](#)

Level: 7th Grade

Course Code: JUD-210

Description: Take a deep dive into Jewish legal theories around the concepts of ownership, Focus on the mitzvah of returning a lost object and use it as a prism to understand possession, transferring of ownership, and responsibility towards others and their property. In this course we will show progress of concepts from Scripture to Mishna to Talmud to Law. Sharpen reading comprehension through analysis of the Talmud. Expand knowledge of basic terms and phrases from Talmud.

Credits: .5 (Semester)

Text: Talmud Bava Metzia

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[The Chosen Nation: Why the Jews?](#)

Level: 8th Grade

Course Code: JUD-300

Description: Join us on a captivating journey through the book of Bereishit,, where we'll uncover the origins of the Jewish people and their special relationship with God. Through engaging storytelling and a close reading of the text, students will explore the lives of key figures like Abraham, Sarah, Isaac, Jacob, and Joseph, discovering the promises, challenges, and triumphs that shaped their journey. From the call of Abraham to the dramatic stories of sibling rivalry and divine intervention, students will gain a deeper understanding of their heritage and the timeless

lessons found in Genesis. Join us as we embark on an adventure to uncover the foundational stories of the chosen people

Credits: .5 (Semester)

Text: Chumash: Bereishit

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[Prophets, Priests and Princes: Samuel I](#)

Level: 8th Grade

Course Code: JUD-310

Description: In this captivating exploration of Samuel I, students will uncover themes of transformative prayer, the sacredness of the Ark, prophetic guidance, the shift to monarchy, David's early life, friendship bonds, and epic battles. Through engaging discussions, we'll delve into how prayer shapes destinies, the significance of the Ark, and the wisdom of prophetic insights. We'll examine the rise of monarchy, friendship dynamics like David and Jonathan's, and the elements leading to a kingdom's downfall, including strategic warfare. Join us as we unravel these timeless narratives and their lessons of faith, leadership, and resilience.

Credits: .5 (Semester)

Text: Navi: Samuel I

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[Talmud Brachot: The Source of Blessing](#)

Level: 8th Grade

Course Code: JUD-320

Description: In this course, participants will embark on a fascinating journey through the Tractate Brachot of the Talmud, exploring the profound significance of blessings in Jewish tradition. Through in-depth study and discussion, students will delve into various units focusing on praying, blessings on food, and specific insights into the Shema, uncovering the spiritual depth and practical applications of these foundational practices. From understanding the structure and intent of prayers to exploring the blessings recited before and after consuming food, participants will gain a comprehensive understanding of the blessings that punctuate Jewish life. Additionally, we'll delve into the intricacies of the Shema, dissecting its significance within Jewish liturgy and its implications for daily practice. Join us as we journey through the Talmud, discovering the timeless wisdom and spiritual richness found within the source of blessing.

Credits: .5 (Semester)

Text: Talmud Brachot

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Middle School Judaic Studies Bet

Middle School Judaic Studies Bet courses meet twice a week for an entire year. Students may choose one of the three courses to their grade level. All courses are text based and texts will be provided in both the original language and in English translation.

[Introduction to Nezikin: Civil and Criminal Law](#)

Level: 6th Grade

Course Code: JUD-160

Description: Introduction course on the main topics, laws, and principles of Nezikin. Explore the theory and laws of damages to people and property. Using the verses in Mishpatim, selection of Mishnayot and passages from the Talmud, you will develop textual analysis skills while becoming familiar with the process of talmudic law. Learn how to build character traits like

accountability, responsibility, mindfulness, honesty, and compassion by reflecting on the lessons that these technical laws reveal.

Credits: .5 (Annual)

Text: Mishna Nezikin

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[Parsha in Depth](#)

Level: 6th Grade

Course Code: JUD-140

Description: A synopsis of the weekly Torah reading with a focus on specific verses and lessons. This class will focus on exploring their deeper meaning and relevance to our lives today. Through close reading of the text, analysis of commentaries from classic and contemporary sources, and discussion of contemporary issues and challenges, students will gain a rich and nuanced understanding of the Torah and its relevance to modern Jewish life. Students will research and create their own Divrei Torah and will be able to discuss ideas from the Parsha in their homes over Shabbat.

Credits: .5 (Annual)

Text: The Chumash (5 books)

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[Navigating the Jewish Calendar](#)

Level: 6th Grade

Course Code: JUD-150

Description: This course offers an in-depth study of the Jewish calendar, including its holidays, festivals, and observances. Through an exploration of the historical, cultural, and religious contexts of each event, students will gain a comprehensive understanding of the Jewish year and its significance to Jewish life. Through our study of these components, we will develop a deeper understanding of the rhythms and cycles of the Jewish year and the significance of each event. We will explore how each holiday and observance reflects Jewish values and traditions and how they are celebrated and observed in different Jewish communities around the world.

Credits: .5 (Annual)

Text: The Books of Our Heritage

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[Talmud Agaddata](#)

Level: 7th Grade

Course Code: JUD-250

Description: Tales of the Sages/Aggadata

The Sages were known for many amazing abilities, and one of their most underrated skills was storytelling. Using a unique technique called Midrash, the Sages revealed hidden depths to the Torah's texts. This course will expose you to the magic of Midrash, where you will learn about amazing, fantastical, and inspiring stories of sacrifice, miracles and more. You'll explore which fruit Adam actually ate, experience the 10 plagues as you never saw them before (including a tale of a massive frog who belched frogs) and meet a sage who burned people with his eyes. Did all these things really happen? Take this course to find out!

Credits: .5 (Annual)

Text: The Crowns on the Letters

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[Anarchy & Authority: Sefer Shoftim](#)

Level: 7th Grade

Course Code: JUD-240

Description: The book of Shoftim bridges the extraordinary time period between Joshua's conquering of the Promised Land and the establishment of the Jewish monarchy. This time period is marked by decentralized Jewish leadership, massive controversies, inter-tribe confrontations culminating in a major civil war between 11 tribes on one side against 1 tribe, and deeply relevant lessons about Jewish identity, leadership and life. This text centric course will explore the entirety of this book, and will offer a deep dive into a unique time in Jewish history, a time that relates more to our current existence than perhaps any other book in the Bible.

Credits: .5 (Annual)

Text: Sefer Shoftim

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[The 613 Opportunities for Connection](#)

Level: 7th Grade

Course Code: JUD-230

Description: There are 613 commandments in the Torah each of which offer a unique opportunity to develop a relationship and connection with God. Begin the course by exploring the ineffable and infinite nature of divine commandments. Using samples from the ten commandments and beyond, we will discover how each specific commandment helps us develop a relationship between man and God, between man and man, and between man and himself.

Credits: .5 (Annual)

Text: Sefer Hamitzvot

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[Tzedaka and Chesed: Building a Kind World](#)

Level: 8th Grade

Course Code: JUD-340

Description: In this course, we'll delve into the fundamental Jewish concepts of tzedakah (charitable giving) and chesed (acts of loving-kindness) through engaging discussions, real-life examples, and hands-on projects. Students will learn about the historical and modern significance of these values, exploring their practical application in today's world. From understanding the roots of these principles in Jewish tradition to actively participating in community service initiatives, students will develop a deeper understanding of social responsibility and the power of empathy and action. Join us as we journey together towards building a more compassionate and just society!

Credits: 5 (Annual)

Text: .Source Packet

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[Zionism: 101: Exploring the Journey of the Jewish Homeland](#)

Level: 8th Grade

Course Code: JUD-350

Description: In this immersive course, students will embark on a captivating exploration of Zionism, tracing its historical roots, pivotal moments, and contemporary challenges, with the goal of discovering their own place in the story of Jewish history. We will delve into the foundational principles and ideologies of Zionism, exploring the early Zionist pioneers and the groundwork laid for the establishment of the Jewish state. Throughout our journey, we'll navigate through the tumultuous periods of war and peace, analyzing the impact of conflicts and

diplomatic efforts on the Zionist dream. From the declaration of independence to its evolving role on the world stage, we'll unfold the fascinating narrative of the modern State of Israel. Finally, we'll confront the complex question of Israel's identity as both a Jewish and democratic state, exploring the tensions, debates, and aspirations inherent in this dual identity. Join us as we embark on a thought-provoking exploration of Zionism, gaining insight into one of the most compelling and consequential movements of the 20th and 21st centuries.

Credits: .5 (Annual)

Text: [Israel: A Concise History of a Nation Reborn](#)

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[Let's Eat: Keeping Kosher](#)

Level: 8th Grade

Course Code: JUD-360

Description: In this hands-on course, participants will delve into the intricate world of kosher food practices, where culinary traditions intersect with religious observance. We'll begin by understanding the central role of food in Jewish culture, exploring how it binds communities and connects individuals to their faith. Throughout our journey, we'll unravel the principles of kashrut (kosher laws), examining the significance of kosher slaughter, the separation of meat and milk, and the criteria for permissible species. We'll also navigate the complexities of keeping kosher in diverse contexts, including interactions with other religious dietary practices and considerations of food safety. Join us as we explore the rich tapestry of Jewish culinary traditions, gaining insight into the spiritual, cultural, and ethical dimensions of keeping kosher.

Credits: .5 (Annual)

Text: [Source Packet](#)

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Middle School Judaic Studies Option 9

Middle School Judaic Studies Option 9 courses meet twice a week either for one semester or for the full year. The Beit Midrash course is intended for students who want to continue building their text skills in Hebrew and / or Aramaic.

[Beit Midrash: Mishnayot Moed](#)

Level: Middle School Students

Course Code: JUD-900

Description: In this text based course, JLA students will explore the foundational ideas of the Jewish holidays found in the Mishnayot in the section called Moed. Mishnah, upon which the Talmud bases much of its discussions, offers the most critical ideas that define Jewish life and tradition. Students will focus on their ability to read and understand the Mishnah as well as identify the key debates raised within Mishnah. Students will learn the tools to decode the structure and purpose of Mishnayot.

Credits: .5 (Annual) or .25 (Semester)

Text: [Mishna Moed](#)

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Upper School Judaic Studies Alef

Upper School Judaic Studies Alef courses meet every day for one semester. Students may choose two of the three courses to their grade level. All courses are text based and texts will be provided in both the original language and in English translation.

God in Our World

Level : 9th Grade

Course Code: JUD-410, FLDO 2105340

Description : While it is impossible for a human to comprehend the essence of God, the Torah expects us to become familiar with God by learning from how He chooses to interact with this world. The course will begin with the first and most important interaction of all: Creation of the World. Through the narratives of the Torah as well as its commandments we will develop a nuanced understanding of what God is and how we can go about having a meaningful relationship with Him.

Credits: .5 Credits (Semester)

Text: Source Packet

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Talmud Kedushin: Sanctity of Life

Level: 9th Grade

Course Code: JUD-400

Description: Our lives are full of obligations and responsibilities. As children we are met with obligations towards our parents and as we grow into independence we have the additional obligation to take accountability for our own actions. The Torah teaches us that men and women receive their own unique set of responsibilities as they enter adulthood. During this course we will consider and analyze the development of our obligations from childhood and on. We will compare and contrast those obligations which are unique to each gender. Finally, we will explore our responsibility towards humanity and our community and define the dichotomy between one's personal responsibilities and one's responsibility towards others.

Credits: .5 Credits (Semester)

Text: Talmud Kedushin

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Rebellion and Responsibility: Sefer Bamidbar

Level: 9th Grade

Course Code: JUD-430

Description: Beginning with Chapter 11 of the Book of Numbers/Bamidbar, students will explore the numerous complaints and rebellions of the Israelites, while they were wandering through the desert towards the land promised to their ancestors. Students will explore the dynamics of uncertainty that gripped the nation, the rebellions from within, and the external enemies, while considering the emotional and spiritual development of the nation freed from slavery in Egypt. The focus will be on reading the primary text of Bamidbar, exploring numerous commentaries, and creating a class commentary around core themes.

Credits: .5 Credits (Semester)

Text: Chumash Bamidbar

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Exploring the Sanhedrin: Ethics, Law, and Life

Level: 10th Grade

Course Code: JUD-500

Description: Embark on a fascinating journey through Jewish history and ethical discourse in this immersive course on the Sanhedrin, the revered Jewish Supreme Court. Through dynamic

discussions and in-depth analysis, students will develop a profound appreciation for the personalities, brilliance, and ethical principles embodied by the members of the Sanhedrin. Delving into the rich tapestry of Jewish jurisprudence, we will examine how the Torah and the Sanhedrin upheld a deep sensitivity towards the sanctity of life and property for all individuals. By studying pivotal cases and legal doctrines, students will grasp the delicate balance between justice and compassion inherent in Jewish law, gaining insight into the moral imperatives at its core. Furthermore, this course serves as a forum for lively debate and introspection on questions of ethics and morals. Through the lens of Torah law, students will engage in thought-provoking discussions on the value and purpose of life, confronting contemporary ethical dilemmas with intellectual rigor and empathy. By exploring how Torah law addresses these challenges, students will develop critical thinking skills and a nuanced understanding of the timeless relevance of Jewish ethics.

Credits: .5 Credits (Semester)

Text: Talmud Sanhedrin

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[The Art of Jewish Prayer II](#)

Level: 10th Grade

Course Code: JUD-510

Description: Immerse yourself in the profound ritual of Tefillah, Jewish prayer, in this comprehensive course designed to tackle fundamental questions and challenges that prayer can evoke. Trace the origins of prayer and its evolution over time, culminating in the development of the siddur. Gain insight into how the structure, words, ideas, and laws of prayer contribute to a transformative meditation experience. Explore the technical and cultural dimensions of prayer, fostering appreciation for the diverse customs and traditions within Jewish communities. Through rigorous study, discussion, and experiential learning, students will emerge with a deeper understanding of the significance of prayer in Jewish life and spirituality.

Credits: .5 Credits (Semester)

Text: Koren NCSY Siddur

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[The 10 Tests: Avraham in Depth](#)

Level: 10th Grade

Course Code: JUD-470

Description: Participants will explore the trials faced by the patriarch Avraham in Jewish tradition. Through a comprehensive examination of biblical narratives and rabbinic interpretations, we'll delve into each of Avraham's ten tests, unraveling their significance for contemporary life. From leaving his homeland to the binding of Isaac, we'll reflect on themes of courage, loyalty, faith, and moral integrity. Join us as we navigate Avraham's journey, drawing timeless lessons on resilience, ethical decision-making, and the enduring power of faith.

Credits: .5 Credits (Semester)

Text: Chumash Bereishit

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[Adam To Avraham: Building & Rebuilding](#)

Level: 11th Grade

Course Code: JUD-600

Description: Embark on a profound exploration of human frailty and redemption in Adam to Abraham: Building & Rebuilding," through the lenses of Rabbi Joseph B. Soloveitchik, Rabbi Jonathan Sacks, and contemporary thinkers commentators. This course delves into the moral complexities of biblical figures and their actions, such as Adam, Cain, Noah, and Abraham. Students engage in careful textual analysis and interdisciplinary reflection to uncover timeless

insights into sin, repentance, and ethical responsibility. By tracing the journey from failure to covenant, participants gain a deeper understanding of the intricate interplay between human frailty and Divine mercy within Judaic tradition.

Credits: .5 Credits (Semester)

Text: Chumash Bereshit & Lonely Man of Faith Source packet

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5 Megillot

Level: 11th Grade

Course Code: JUD-610

Description: Explore the profound narratives and timeless wisdom contained within the Five Megillot in this illuminating course. Through close textual analysis and historical context, students will delve into the books of Esther, Song of Songs, Ruth, Lamentations, and Ecclesiastes, uncovering layers of meaning, poetic beauty, and theological significance. From the triumph of Esther's courage to the poignant lamentations of Jeremiah, each Megillah offers unique insights into themes of love, loss, redemption, and the human experience. Drawing from traditional commentary and modern scholarship, participants will gain a deeper appreciation for these sacred texts and their enduring relevance to Jewish life and thought. Whether exploring themes of divine providence in Esther or the timeless reflections on love in Song of Songs, this course invites students to engage with the richness and complexity of the Five Megillot, fostering a deeper understanding of their profound impact on Jewish identity and tradition.

Credits: .5 Credits (Semester)

Text: 5 Megillot

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Talmud Chulin: The Laws and Philosophy of Food

Level: 11th Grade

Course Code: JUD-620

Description: Dive into the intricate world of Jewish dietary laws and philosophy in our course on Talmud Chulin. Through a comprehensive exploration of practical halachic (Jewish legal) guidelines, students will learn the essential principles for maintaining a kosher kitchen and adhering to kosher dietary practices. From understanding the intricacies of kosher slaughter to the nuances of separating meat and dairy, students will gain practical insights into the observance of kashrut (kosher laws). In addition to mastering the practical aspects of kashrut, this course delves into the philosophical, ethical, and theological underpinnings of Jewish dietary laws. Through close examination of Talmudic texts and rabbinic commentary, students will uncover the profound wisdom embedded within these laws, exploring themes such as holiness, mindfulness, and ethical consumption. By grappling with fundamental questions surrounding the nature of dietary restrictions and their spiritual significance, students will develop a deeper understanding of the interconnectedness between ritual observance and moral living.

Credits: .5 Credits (Semester)

Text: Source Packet

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Upper School Judaic Studies Bet

Upper School Judaic Studies Bet courses meet twice a week for an entire year. Students may choose one of the three courses to their grade level. All courses are text based and texts will be provided in both the original language and in English translation.

The Archaeology and Science of Judaism

Level: 9th Grade

Course Code: JUD-480

Description: During this course students will explore the intimate connection and tension that exists between Science and Torah. We will compare key events, predictions, and facts from the Torah with the most current findings of mathematics, biochemistry, paleontology, and physics. We will look at archeological discoveries to gain a better understanding of our history and the Torah text. Through an open-eyed investigation of the world of science and archeology we will enhance our religious beliefs and connection to the Torah, our nation, and our history.

Credits: .5 Credits (Annual)

Text: Source Packet

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Relationships in the Torah

Level: 9th Grade

Course Code: JUD-460

Description: This course will examine the relationships between individuals and communities as presented in the Torah. The course will explore the themes of love, friendship, and community, as well as the ways in which these themes are intertwined and affect one another. Through close readings of biblical texts, students will examine how the Torah presents and characterizes relationships between individuals and groups. Using scripture, commentaries, modern thinkers on relationships, this course will enable students to explore their interpersonal relationships and think deeply about how they want to connect, and respect others. Students will develop a deep understanding of the ways in which the Torah presents and characterizes relationships, and be able to engage thoughtfully and constructively with debates and discussions related to love, friendship, and community in Jewish tradition and others.

Credits: .5 Credits (Annual)

Text: Chumash (5 books)

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Game of Thrones: Sefer Melachim

Level: 9th Grade

Course Code: JUD-450

Description: With the demise of King David, and ultimately his passing, the test of any dynasty is how the values are passed from generation to generation. In this course students will examine the Kings that followed David's rule, and will explore the challenges in managing the nation of Israel, with enemies attacking it from within and without. Students will examine the stories contained within the books of Kings and will create a profile of Jewish Kingship and leadership, while also considering the lessons that may be relevant to the political realities in the modern State of Israel.

Credits: .5 Credits (Annual)

Text: Sefer Melachim

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Maimonides: The Medicine Man & Jewish Master

Level: 10th Grade

Course Code: JUD-550

Description: Of the 23 historical figures whose portraits hang over the gallery doors of the House Chamber in the U.S. Capitol, due to their outsized role in establishing the principles that underlie American law, one stands out for the Jewish community: Rabbi Moshe ben Maimon (the

Rambam). Considered one of history's greatest minds, Rambam's image is at the center of institutions of American law, and is also at the center of the development of Jewish law. A philosopher, prolific writer, mystic, and medical doctor, the Rambam fled antisemitism, served as the physician to the Sultan of Egypt, mourned deeply the tragic death of his brother, and transformed Jewish life as we know it. Students in this course will piece together the events of the Rambam's life using his written texts, and will gain a deeper understanding of this maverick Rabbi, whose epitaph compares him to the great Moses, giver of God's law.

Credits: .5 Credits (Annual)

Text: Source packet

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Family Dysfunction Samuel II

Level: 10th Grade

Course Code: JUD-530

Description: Delve into the intricate dynamics of family dysfunction through the lens of Sefer Shmuel 2 in this captivating course. Drawing from the rich narrative tapestry of the biblical text, students will explore the complexities of familial relationships as depicted in the lives of King David and his descendants. From David's tumultuous relationships with his sons to the tragic consequences of betrayal and ambition, the stories within Sefer Shmuel 2 offer profound insights into themes of power, loyalty, and the consequences of moral compromise within familial structures. Through close textual analysis and thoughtful reflection, participants will uncover the underlying causes and implications of familial discord, while also considering the enduring relevance of these narratives to contemporary understandings of family dynamics. This course invites students to engage critically with the complexities of human relationships as portrayed in Sefer Shmuel 2, ultimately fostering a deeper understanding of the complexities of family life and the ethical dilemmas inherent within.

Credits: .5 Credits (Annual)

Text: Samuel II

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Mussar, Hassidut and Me

Level: 10th Grade

Course Code: JUD-540

Description: Embark on a transformative journey of self-discovery and personal growth in our course exploring Mussar and Hassidut. Delving into the rich history and profound philosophy of these influential Jewish movements, students will explore how their teachings can illuminate and refine our character, guiding us towards deeper self-awareness and ethical living. Throughout the course, students will delve into the historical origins and key figures of both the Mussar and Hassidut movements, tracing their development and impact on Jewish thought and practice. From the ethical teachings of Rabbi Yisrael Salanter to the mystical insights of the Baal Shem Tov, students will gain a nuanced understanding of the philosophical underpinnings that have inspired generations of seekers. Central to our exploration is the application of Mussar and Hassidut teachings to our own lives. Through introspective exercises, textual analysis, and group discussions, students will uncover the relevance of these ancient wisdom traditions to contemporary challenges of character development and ethical decision-making. By engaging with the practical tools and spiritual insights offered by Mussar and Hassidut, students will cultivate a deeper understanding of their own personalities and behaviors, empowering them to embark on a path of self-improvement and moral refinement.

Credits: .5 Credits (Semester)

Text: Source Packet

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The Denominational Divide

Level: 11th Grade

Course Code: JUD-630

Description: An in-depth exploration of the diverse expressions of Jewish practice and belief across denominations. In this course, participants will embark on a journey to uncover the theological, ritual, and cultural differences that characterize the various branches of Judaism, including Orthodox, Conservative, Reform, Reconstructionist, and others. Through engaging discussions and comparative analysis of texts and practices, students will gain insight into the historical development and core principles of each denomination, as well as the ways in which they approach areas such as interpretation of Jewish law, prayer and liturgy, gender roles, and social justice. Emphasizing a spirit of dialogue and mutual respect, this course aims to foster understanding, appreciation, and ultimately, unity within the diverse tapestry of Jewish identity. Join us as we navigate the denominational landscape of Judaism, exploring both the differences that enrich our tradition and the common bonds that unite us as a people.

Credits: .5 Credits (Annual)

Text: Source Packet

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The Grand and the Granular: Jewish Law

Level: 11th Grade

Course Code: JUD-640

Description: This is a comprehensive halacha course that delves into the intricate world of Jewish law, from broad philosophical questions to the minutiae of everyday life. In this course, participants will journey through a diverse array of halachic inquiries, ranging from fundamental philosophical questions to obscure and specific circumstances. Through interactive discussions and case studies, students will explore significant halachic questions that have shaped Jewish thought and practice throughout history. We will delve into the most obscure circumstances, examining how halacha addresses even the most seemingly trivial details of daily life. Furthermore, we will analyze pivotal questions that have changed the landscape of Jewish law and tradition. By engaging with both timeless principles and modern challenges, participants

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Upper School Judaic Studies Electives

Upper School Judaic Studies Elective courses meet four times a week for one semester during the Upper School elective slot. These courses can be taken in addition to a student's Judaic Studies Alef, Bet, and Option 9 courses. All courses are text based and texts will be provided in both the original language and in English translation.

Torah Bowl

Level: 10th Grade

Course Code: JUD-580

Description: Torah Bowl is an amazing opportunity for students who love the study of Chumash to indulge their passion for learning in an exciting, yearlong competition against like-minded peers from other schools.

Credits: .5 Credits (Semester)

Text: Source Packet

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Master the Daf

Level: 11th Grade

Course Code: JUD-650

Description: Students will explore the dynamics of the Talmud's text, practicing skills that will enable students to engage with this critical text independently throughout their lives. Learn how to identify a question, understand an answer, and attack a suggestion, while becoming a sharp-witted Talmudic scholar. sharp

Credits: .5 Credits (Semester)

Text: Source Packet

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Upper School Judaic Studies Option 9

Upper School Judaic Studies Option 9 courses meet twice a week either for one semester or for the full year. The Beit Midrash course is intended for students who want to continue building their text skills in Hebrew and / or Aramaic.

Beit Midrash: Talmud Makkot

Level: Upper School

Course Code: JUD-990

Description: In this text-based course, students will undertake a detailed study of specific topics in Talmud Makkot, a central text in Jewish tradition. The course explores the ethical principles and values presented in Makkot, as well as their historical and cultural context. Through close analysis of selected passages, students will examine topics such as the boundaries of punishment, the measurement of integrity, and the concept of responsibility in Jewish law and thought. In addition, the course will explore how these topics are relevant within contemporary society. Through class discussions, reflective writing, and engagement with textual, primary sources, students will develop their critical thinking and analytical skills, deepen their understanding of Jewish history and culture, and gain insight into the role of Makkot in shaping Jewish law and practice. Students will also learn Gemara vocabulary and syntax.

Credits: .5 Credits (Annual)

Text: Talmud Makkot

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Hebrew

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Hebrew for Middle School

Intro to Spoken Hebrew Ulpan

Level: 6th Grade

Course Code: HEB-100

Description: Learning Hebrew enables us to connect to the land of Israel and its culture, to Jewish life, practice, and ritual. It deepened one's connection to Jewish heritage and history, and its connection to the global Jewish community.

This introductory course is focused on building basic literacy and communicative skills in Hebrew, with a focus on topics such as "Shalom", "Family", and "Day to Day life". Students will

engage in reading, writing, speaking, and listening, while also being introduced to Israeli culture through authentic materials like texts, songs, and videos. Alongside linguistic development, this program also aims to foster 21st century skills such as complex thinking, problem solving, cooperation, and creativity.

Credits: .5 (Annual)

Text: Shalom 1/Family 1

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[Intro to Spoken Hebrew Intermediate](#)

Level: 6th Grade

Course Code: HEB-110

Description: Our program aims to develop students' language skills while also providing them with a deep understanding of Israeli culture. It will enable students to communicate effectively in Hebrew while engaging in all four language skills: reading, writing, speaking, and listening. Language learners at Intermediate level will achieve basic proficiency in the four language skills. Students will learn to communicate effectively with others: they will be able to talk about unit learned topics. They will be able to form sentences, ask questions, and to handle simple "survival" situations. In terms of reading, they will be able to understand simple and predictable texts with the help of contextual cues. When it comes to listening, students will be able to understand simple sentence-length speech on everyday topics and extract basic information from new information they hear.

"Family 2" and "Seasons 2" units focus on the immediate living environment and the surrounding area. These units will explore the students' immediate environment through songs, art and texts. The unit will enrich the vocabulary, grammar, and syntax of the students in the context of the immediate environment.

Credits: .5 (Annual)

Text: Family 2/Seasons 2

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[Intro to Spoken Hebrew Accelerated](#)

Level: 6th Grade

Course Code: HEB-120

Description: Our program aims to develop students' language skills while also providing them with a deep understanding of Israeli culture. It will enable students to communicate effectively in Hebrew while engaging in all four language skills: reading, writing, speaking, and listening. Language learners at this level will work towards holding conversations on personal topics. They will learn to communicate effectively in short paragraphs using sentences and get their ideas across more fluently. When it comes to reading and listening, they will work towards understanding the main ideas and some supporting details in connected discourse in authentic narrative texts and in topics of general interest.

"Family 3" and "Home 2" units focus on the immediate living environment and the surrounding area. These units will explore the students' immediate environment through songs, art and texts. The unit will enrich the vocabulary, grammar, and syntax of the students in the context of the immediate and extended environment.

Credits: .5 (Annual)

Text: Family 3/home 2

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[Spoken Hebrew 1 Ulpan](#)

Level: 7th Grade

Course Code: HEB-200

Description: Learning Hebrew enables us to connect to the land of Israel and its culture, to Jewish life, practice, and ritual. It deepened one's connection to Jewish heritage and history, and its connection to the global Jewish community.

This introductory course is focused on building basic literacy and communicative skills in Hebrew, with a focus on topics such as "Shalom 2", "Seasons", and "Day to Day life". Students will engage in reading, writing, speaking, and listening, while also being introduced to Israeli culture through authentic materials like texts, songs, and videos. Alongside linguistic development, this program also aims to foster 21st century skills such as complex thinking, problem solving, cooperation, and creativity.

Credits: .5 (Annual)

Text: Shalom 2/Season 1

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[Spoken Hebrew 1 Intermediate](#)

Level: 7th Grade

Course Code: HEB-210

Description: Language learners at Intermediate level will achieve medium proficiency in the four language skills: reading, writing, speaking, and listening. Students will learn to communicate effectively with others: they will be able to talk about familiar topics as well as unit learned topics. The 7th-grade Hebrew curriculum is designed around the theme of "Animals" and "Hobbies". Authentic Israeli materials such as texts, poetry, articles, and videos will be used to develop language skills and expand linguistic knowledge and vocabulary. The program is designed to support the development of 21st century skills such as complex thinking, problem-solving, critical thinking, collaboration creativity, and an understanding of Israeli culture.

Credits: .5 (Annual)

Text: Animals 1/Hobbies 1

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[Spoken Hebrew 1 Accelerated](#)

Level: 7th Grade

Course Code: HEB-220

Description: Students at the Accelerated level will work towards producing spoken and written language in the form of a connected sentences paragraph that will enable them to communicate their ideas more fluently. Language learners at this level will work to conduct conversations on personal and general topics and learn to communicate effectively. As far as reading and listening are concerned, they will work to understand the main ideas and significant details in connected discourse in authentic narrative texts and on a variety of topics. The 7th-grade Hebrew curriculum is designed around the theme of "Animals 2" and "Home 3". Authentic Israeli materials such as texts, poetry, articles, and videos will be used to develop language skills and expand linguistic knowledge and vocabulary. The program is designed to support the development of 21st century skills such as complex thinking, problem-solving, critical thinking, collaboration creativity, and an understanding of Israeli culture.

Credits: .5 (Annual)

Text: Animal 2/Home 3

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[Spoken Hebrew 2 Ulpan](#)

Level: 8th Grade

Course Code: HEB-300

Description: Learning Hebrew enables us to connect to the land of Israel and its culture, to Jewish life, practice, and ritual. It deepened one's connection to Jewish heritage and history, and its connection to the global Jewish community.

This introductory course is focused on building basic literacy and communicative skills in Hebrew, with a focus on topics such as "Home", "Hobbies", and "Day to Day life". Students will engage in reading, writing, speaking, and listening, while also being introduced to Israeli culture through authentic materials like texts, songs, and videos. Alongside linguistic development, this program also aims to foster 21st century skills such as complex thinking, problem solving, cooperation, and creativity.

Credits: .5 (Annual)

Text: Home 1/Hobbies 1

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Spoken Hebrew 2 Intermediate

Level: 8th Grade

Course Code: HEB-310

Description: Language learners at Intermediate level will achieve medium proficiency in the four language skills: reading, writing, speaking, and listening. Students will learn to communicate effectively with others: they will be able to talk about familiar topics as well as unit learned topics. The 8th-grade Hebrew curriculum is designed around the theme of "Animals 2" and "Games". Authentic Israeli materials such as texts, poetry, articles, and videos will be used to develop language skills and expand linguistic knowledge and vocabulary. The program is designed to support the development of 21st century skills such as complex thinking, problem-solving, critical thinking, collaboration creativity, and an understanding of Israeli culture.

Credits: .5 (Annual)

Text: Animals 2/Games 1

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Spoken Hebrew 2 Accelerated

Level: 8th Grade

Course Code: HEB-320

Description: Students at the Accelerated level will work towards producing spoken and written language in the form of a connected sentences paragraph that will enable them to communicate their ideas more fluently. Language learners at this level will work to conduct conversations on personal and general topics and learn to communicate effectively. As far as reading and listening are concerned, they will work to understand the main ideas and significant details in connected discourse in authentic narrative texts and on a variety of topics. The 8th-grade Hebrew curriculum is designed around the theme of "Animals 3" and "Games 2". Authentic Israeli materials such as texts, poetry, articles, and videos will be used to develop language skills and expand linguistic knowledge and vocabulary. The program is designed to support the development of 21st century skills such as complex thinking, problem-solving, critical thinking, collaboration creativity, and an understanding of Israeli culture.

Credits: .5 (Annual)

Text :Animals 3/Game 2

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Hebrew for Upper School

[History](#) · [English](#) · [Visual Arts](#) · [Performing Arts: Dance](#) · [Music](#) · [Spanish](#) · [Science](#) · [Computer Science](#) · [Engineering](#) · [Math](#) · [Judaics](#) · [Hebrew](#) · [Physical Conditioning and Health](#) · [Additional Academic Programming & Credit Courses](#)
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Spoken Hebrew 3 Ulpan

Level: 9th Grade

Course Code: HEB-400, FLDOE 0704300

Description:

Learning Hebrew enables us to connect to the land of Israel and its culture, to Jewish life, practice, and ritual. It deepened one's connection to Jewish heritage and history, and its connection to the global Jewish community.

This introductory course is focused on building basic literacy and communicative skills in Hebrew. This class will focus on topics such as "Music and Festivals" and "Touring Israel" together with "Day to Day life". Students will engage in reading, writing, speaking, and listening, while also being introduced to Israeli culture through authentic materials like texts, songs, articles, and videos. Alongside linguistic development, this program also aims to foster 21st century skills such as complex thinking, problem solving, cooperation, and creativity.

Credits: .05 (Annual)

Text: BeSod Ha'Ivrit

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Spoken Hebrew 3 Intermediate

Level: 9th Grade

Course Code: HEB-410, FLDOE 0704300

Description: Language learners at Intermediate level will achieve medium proficiency in the four language skills. Students will learn to communicate effectively with others: they will be able to talk about familiar topics as well as unit learned topics. They will be able to form sentences, ask questions, and to handle simple "survival" situations. In terms of reading, they will be able to understand simple and predictable texts with the help of contextual cues. When it comes to listening, students will be able to understand simple sentence-length speech on everyday topics and extract basic information from new information they hear.

Students will learn about their immediate surroundings, subjects like their Home, their Room and their School. We will also learn about Israel together with "Day to Day life". Through the use of authentic Israeli materials such as texts, poetry, articles, and videos, students will develop their language skills while expanding their linguistic knowledge and vocabulary. Moreover, the program is designed to support students in developing 21st century skills such as complex thinking, problem-solving, critical thinking, cooperation, creativity, and an understanding of Israeli culture.

Credits: .5 (Annual)

Text: BeShvil Ha'Ivrit 1

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Spoken Hebrew 3 Accelerated

Level: 9th Grade

Course Code: HEB-420, FLDOE 0704300

Description: When it comes to language learning at this Accelerated level, learners will work on having conversations about both personal and general topics, improving their communication skills in longer and more complex discourse. They will aim to express their ideas fluently in multiple paragraphs. In terms of reading and listening skills, they will focus on comprehending the main ideas as well as supporting details in different types of texts, including authentic narrative and descriptive pieces, as well as general interest topics.

Students will learn about shapes and colors, symbols in the Jewish world, friendship and more. Through the use of authentic Israeli materials such as texts, poetry, articles, and videos, students will develop their language skills while expanding their linguistic knowledge and vocabulary. Moreover, the program is designed to support students in developing 21st century skills such as complex thinking, problem-solving, critical thinking, cooperation, creativity, and an understanding of Israeli culture.

Credits: .5 (Annual)

Text: BeShvil Ha'Ivrit 3

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[Conversational Hebrew 1: Ulpan](#)

Level: 10th Grade

Course Code: HEB-500, FLDOE 0704310

Description: Learning Hebrew enables us to connect to the land of Israel and its culture, to Jewish life, practice, and ritual. It deepened one's connection to Jewish heritage and history, and its connection to the global Jewish community.

We will continue to focus on building our literacy and communicative skills in Hebrew. Students will learn about their immediate surroundings, subjects like their Home, their Room and their School. We will also learn about Israel together with "Day to Day life". Students will engage in reading, writing, speaking, and listening, while also being introduced to Israeli culture through authentic materials like texts, songs, articles, and videos. Alongside linguistic development, this program also aims to foster 21st century skills such as complex thinking, problem solving, cooperation, and creativity.

Credits: .05 (Annual)

Text:BeShvil Ha'Ivrit 1

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[Conversational Hebrew 1: Intermediate](#)

Level: 10th Grade

Course Code: HEB-510, FLDOE 0704310

Description: Language learners at Intermediate level will achieve medium proficiency in the four language skills. Students will learn to communicate effectively with others: they will be able to talk about familiar topics as well as unit learned topics. They will be able to form sentences, ask questions, and to handle simple "survival" situations. In terms of reading, they will be able to understand simple and predictable texts with the help of contextual cues. When it comes to listening, students will be able to understand simple sentence-length speech on everyday topics and extract basic information from new information they hear.

Students will learn about different cities and areas in Israel, about people and languages.

Through the use of authentic Israeli materials such as texts, poetry, articles, and videos, students will develop their language skills while expanding their linguistic knowledge and vocabulary. Moreover, the program is designed to support students in developing 21st century skills such as complex thinking, problem-solving, critical thinking, cooperation, creativity, and an understanding of Israeli culture.

Credits: .5 (Annual)

Text:BeShvil Ha'Ivrit 2

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[Conversational Hebrew 1: Accelerated](#)

Level: 10th Grade

Course Code: HEB-520, FLDOE 0704310

Description: When it comes to language learning at this Accelerated level, learners will work on having conversations about both personal and general topics, improving their communication skills in longer and more complex discourse. They will aim to express their ideas fluently in multiple paragraphs. In terms of reading and listening skills, they will focus on comprehending the main ideas as well as supporting details in different types of texts, including authentic narrative and descriptive pieces, as well as general interest topics.

Students will learn about sleep and dreams, the uniqueness of names, poetry and more.

Through the use of authentic Israeli materials such as texts, poetry, articles, and videos, students will develop their language skills while expanding their linguistic knowledge and vocabulary. Moreover, the program is designed to support students in developing 21st century

skills such as complex thinking, problem-solving, critical thinking, cooperation, creativity, and an understanding of Israeli culture.

Credits: .5 (Annual)

Text:BeShvil Ha'Ivrit 4

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Conversational Hebrew 2: Ulpan

Level: 11th Grade

Course Code: HEB-600, FLDOE 0704320

Description: Learning Hebrew enables us to connect to the land of Israel and its culture, to Jewish life, practice, and ritual. It deepened one's connection to Jewish heritage and history, and its connection to the global Jewish community.

This course is focused on building literacy and communicative skills in Hebrew. Students will learn about different cities and areas in Israel, about people and languages and "Day to Day life". Students will engage in reading, writing, speaking, and listening, while also being introduced to Israeli culture through authentic materials like texts, songs, articles, and videos. Alongside linguistic development, this program also aims to foster 21st century skills such as complex thinking, problem solving, cooperation, and creativity.

Credits: .05 (Annual)

Text:BeShvil Ha'Ivrit 2

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Conversational Hebrew 2: Intermediate

Level: 11th Grade

Course Code: HEB-610, FLDOE 0704320

Description: Language learners at Intermediate level will achieve medium proficiency in the four language skills. Students will learn to communicate effectively with others: they will be able to talk about familiar topics as well as unit learned topics. They will be able to form sentences, ask questions, and to handle "survival" situations. In terms of reading, they will be able to understand texts with the help of contextual cues. When it comes to listening, students will be able to understand sentence-length speech on everyday topics and extract basic information from new information they hear. Students will learn about shapes and colors, symbols in the Jewish world, friendship and more. Through the use of authentic Israeli materials such as texts, poetry, articles, and videos, students will develop their language skills while expanding their linguistic knowledge and vocabulary. Moreover, the program is designed to support students in developing 21st century skills such as complex thinking, problem-solving, critical thinking, cooperation, creativity, and an understanding of Israeli culture.

Credits: .5 (Annual)

Text:BeShvil Ha'Ivrit 3

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Conversational Hebrew 2: Accelerated

Level: 11th Grade

Course Code: HEB-620, FLDOE 0704320

Description: When it comes to language learning at this Accelerated level, learners will work on having conversations about both personal and general topics, improving their communication skills in longer and more complex discourse. They will aim to express their ideas fluently in multiple paragraphs. In terms of reading and listening skills, they will focus on comprehending the main ideas as well as supporting details in different types of texts, including authentic narrative and descriptive pieces, as well as general interest topics. Students will learn about sports, about the world, traveling and more. Through the use of authentic Israeli materials such as texts, poetry, articles, and videos, students will develop their language skills while expanding their linguistic knowledge and vocabulary. Moreover, the program is designed to support

students in developing 21st century skills such as complex thinking, problem-solving, critical thinking, cooperation, creativity, and an understanding of Israeli culture.

Credits: .5 (Annual)

Text: BeShvil Ha'Ivrit 5

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Physical Conditioning & Health

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Personal Health

Level: Grade 9

Course Code: PHY-220, FLDOE 0800310

Description: The purpose of this course is to provide an in-depth study of the principles of personal health maintenance. Wellness promotion for self and others will be emphasized along with responsible decision-making and planning for a healthy lifestyle.

The content should include, but is not limited to, the following: nutrition (wellness), family life (roles and relationships of family members), personal health (health issues related to stages of life), mental and emotional health, environmental health, consumer health (health careers), community health (health care systems), mental and emotional health (positive emotional development, including the prevention of suicide), prevention and control of disease (current and emerging diseases and disorders), and injury prevention and safety (personal safety)

Credits: .5 (semester)

Prerequisites: None.

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Middle School PC Dance Fitness and Yoga

Level: None-open to all middle school students.

Course code: PHY-170, FLDOE 0300000

Description: This course provides students with the physical study of various dance styles with an emphasis on enjoyment, self-expression and social interaction. Daily movement/physical activity will develop muscular strength, flexibility and stamina. This course does not require specific equipment, and students do not need to have any background in dance to sign up. Additionally, students will learn the fundamentals of yoga. They will learn the basic poses, movement sequences, and breath patterns. In doing so, they will not only strengthen their bodies, but their minds as well. Yoga promotes meditation and mindfulness, peace, gratitude, and self-awareness. It is sure to be a relaxing respite in their busy schedules!

Credits: .5 (Semester)

Prerequisites: None.

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Upper School Dance Fitness and Yoga

Level: None-open to all upper school students.

Course code: PHY-280, FLDOE 0300310

Description: This course provides students with the physical study of various dance styles with an emphasis on enjoyment, self-expression and social interaction. Daily movement/physical activity will develop muscular strength, flexibility and stamina. This course does not require specific equipment, and students do not need to have any background in dance to sign up. Additionally, students will learn the fundamentals of yoga. They will learn the basic poses,

movement sequences, and breath patterns. In doing so, they will not only strengthen their bodies, but their minds as well. Yoga promotes meditation and mindfulness, peace, gratitude, and self-awareness. It is sure to be a relaxing respite in their busy schedules!

Credits: .5 (Semester)

Prerequisites: None.

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Physical Conditioning - Middle School

Level: None. Open to all middle school students.

Course code: ,PHY-300 (6), PHY-400 (7), PHY-500 (8), FLDOE 1508060 (6/7), FLDOE 1508070 (7/8), 1508080 (8)

The Middle School Physical Conditioning course is designed to address the physical developmental stage of the tween students. This course focuses on a balance between playing sports such as soccer, basketball, volleyball, flag football, and tennis, and preparing the body and mind for physical activities. The course enables students to fully enjoy sports and a healthy lifestyle through experiencing multiple training activities, learning various techniques, and practicing skills to optimize their performance while developing life-long habits. Students learn stretching exercises including yoga poses, strength and conditioning activities focusing on coordination, balance, and cardiovascular improvement, weight training safety and mechanics, cross-training exercises, benefits of proper nutrition, and mental health self-care. Activities also include self-defense lessons, martial arts practice, and ninja course training.

Credits: .5 (semester)

Prerequisites: None.

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Physical Conditioning - Upper School

Level: None. Open to all upper school students.

Course code: PHY-600 (9), PHY-700 (10), PHY-800 (11), FLDOE 1501390

The Upper School Physical Conditioning course is designed to address the physical maturation of the students from early teen to late teen years. This course focuses on a balance between playing sports such as soccer, basketball, volleyball, flag football, and tennis, and preparing the body and mind for physical activities. The course enables students to fully enjoy sports and a healthy lifestyle through experiencing multiple training activities, learning various techniques, and practicing skills to optimize their performance while developing life-long habits. Students learn stretching exercises including yoga poses, strength and conditioning activities focusing on coordination, balance, and cardiovascular improvement, weight training safety and mechanics, cross-training exercises, benefits of proper nutrition, and mental health self-care. Activities also include self-defense lessons, martial arts practice, and ninja course training.

Credits: .5 (semester)

Prerequisites: None.

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Additional Academic Programming and Credit Courses

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Advisory

Level: Core. All grades.

Course code: ADV-100 & 110/ADV-200 & 210

Description: This program meets every Friday with an advisor who will guide and mentor students on academic and non-academic school related issues. Advisory is not a content-specific class. Instead, students and teachers will use advisory to engage in academic, socio-emotional, and school-wide culture building. Additionally, one semester of freshman advisory will be dedicated to Health & Wellness instruction, and one semester of eighth grade advisory will be focused on Career/Ed planning.

Credit: N/A

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JLA Ba’Aretz

Level: Upper School.

Course code: ISR-100

Description: Students in grades 8-12 will spend the first 4 weeks of school every year studying Hebrew, Jewish History, Bible, and contemporary Israeli culture and politics in an immersive, real world setting in Israel. Students will study Hebrew language in real life settings and will have the opportunity to practice their Hebrew on the ground. Each grade will focus on one of five segments of Jewish History beginning with Abraham and leading up to current events with unique experiences, trips, and programs that will bring what they are learning in class to life. Media portrayals about Israel as well as current events and politics will be explored every morning. Jewish texts that will complement their Jewish history studies will be provided in Beit Midrash learning sessions.

Credit: .5 per year

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Language Lab

Level: All grades.

Course Code: HEB-800 (MS), HEB-810 (US)

Description: During Language Lab, students will have the opportunity to work on their Hebrew reading and writing skills. Work will be assigned in tandem with their Hebrew classes to support their learning and further develop their Hebrew skills. Students will work independently under the supervision of Hebrew teachers who will support them as they progress through their work modules.

Credit: N/A

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Morning Joe

Level: Core. All Grades.

Course code: MNJ-100 (MS), MNJ-200 (US)

Description: Morning Joe is a weekly forum where students will discuss current events and other various topics. The purpose is to train our students to become sophisticated consumers, and ultimately producers, of information media by educating them about media literacy, credible sources, and bias in the news, while teaching them to discuss current events with empathy, nuance, and a respect for other opinions. The vision is to have a topic of the month that students will learn about and then discuss and/or debate in various formats throughout the subsequent weeks.

Credit: N/A

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Service Entrepreneurship Program

Level: Core. All Grades.

Course code: SEP-100 (MS), SEP-200 (US) FLDOE

Description: Dedicated time each week for students to focus on acts of kindness, through regular volunteering. Middle school students will split their time between volunteering with a variety of causes and engaging in design challenges that teach Design Thinking based on

DTech High School's curriculum. High School students will have the opportunity to focus on one of two specialized tracks. The Volunteering track will require JLA to spend the majority of their time focused on field work, and will include complimentary leadership seminars and processing sessions. The Entrepreneurship track will call on the students' Design Thinking skills and training to build a systemic solution to a challenging problem of their choice. All students will create a digital portfolio that will capture their reflections, and projects within Service Entrepreneurship, throughout their years at JLA.

Credit : 1

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Soul Center

Level: Core. All Grades.

Course code: SLC-100

Description: Students will study and experience the weekly rhythm of Torah knowledge and Jewish Life. Programming types are inspired by the relevant themes chosen for each week and for the year. Students will become versed in and connected to current events, the weekly Torah portion, and Holidays by being immersed in a wide range of learning styles and experiences.

Credit: NA

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Star Summit

Level: Core. All Grades.

Course code: STS-100 (6th), STS-200 (7th), STS-300 (8th)

Description: A four week program designed for 6th,7th and 8th grade students commencing in August. The focus of STAR SUMMIT is to acquaint students with JLA, including Judaic Studies, and provide an introduction to the campus, curriculum, and faculty. During this time, the students will be engaged in activities that will prepare them for their middle year experiences. Students will participate in a myriad of learning opportunities including Design Thinking and Project Based Learning. Every Friday is devoted to off campus excursions that relate to curricular themes. Extended field trip opportunities for grades 7 and 8 include camping (7) and a 12 day excursion in northern America (8). Connection, Collaboration, and Innovation are the cornerstones of the program.

Credit: .5

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Tefillah

Level: Core. All Grades.

Course code: TFL-100

Description: Tefillah is a time for the whole school to gather together and pray for ourselves, our families and the wider community. It offers students the opportunity to learn the tunes, customs and liturgy used by the Jewish People for thousands of years. Tefillah will be an introspective time of the day for students to reflect on their connection with God, the community and with themselves. All students are required to attend Shacharit in the morning, whereas Mincha in the afternoon is optional. In deference to the diverse backgrounds of our student body, whenever possible two minyanim (services) will be held: Ashkenaz and Sefard. Students will be given the option of attending the minyan of their choice.

Credit: 1

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True North

Level: Grade 8.

Course code: TRN-100,

Description: True North is a program for grade 8. This program assists students with learning more about Upper School opportunities. Additionally, it will offer information about career paths and life skills. True North will build self-awareness, teach about potential future careers, and develop a plan for reaching life goals.

Credit: .5

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