Roslyn Middle School



Grades 7 & 8 Curriculum Guide
2027 – 2028

Promoting lifelong learning through social, emotional and intellectual development.

Every Student Matters, Every Moment Counts

www.roslynschools.org

ROSLYN MIDDLE SCHOOL MISSION STATEMENT

Roslyn Middle School will create a positive environment that promotes lifelong learning through social, emotional and intellectual development. A culture of respect, understanding and integrity will be nurtured through the collaboration of educators, support staff, students, parents and our community.

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No person in the United States shall, on the ground of race, color or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving federal financial assistance, or be so treated on the basis of sex under most educational programs, or activities receiving federal assistance. The Rehabilitation Act prohibits any discrimination based on a person's handicapping condition.

For questions or issues concerning Title IX, contact Michael Goldspiel, the District Title IX Coordinator at 801-5020. For questions or issues concerning The Rehabilitation Act, contact Cindy Samide, Director of Pupil Services at 801-5060.

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Minimum New York State Middle School Course and Assessment Requirements

All middle school students in New York State are required to receive instruction in the subject areas listed below. Roslyn Middle School meets or exceeds the minimum State Learning Standards in all units of study.

Units of Study Offered During Grades 6-8

English Language Arts	3 Units of Study
Mathematics	3 Units of Study
Science	3 Units of Study
Social Studies	3 Units of Study
Health Education	½ Unit of Study
FACS	¾ Unit of Study
World Languages	1 Unit of Study
Music	½ Unit of Study
Physical Education	½ Unit of Study each Year
Technology Education	1 Unit of Study
Visual Arts	½ Unit of Study

Students who have been determined to need academic intervention services may have the units of study reduced, but not eliminated. Academic intervention services shall be coordinated with instruction in the general curriculum.

Required New York State Assessments

All students shall take the following assessments:

Grade 8

English Language Arts Assessment
Mathematics Assessments (Math 8 or Algebra 1 Regents)
Science Assessments (Science 8 - ILSA Exam or the Earth Science Regents)

Grade 7

English Language Arts Assessment
Mathematics Assessment

Grade 6

English Language Arts Assessment
Mathematics Assessment

New York State Graduation Requirements

GRADUATION REQUIREMENTS – Effective July 1, 2019

Local Diploma Required Courses Special Education Students Only	
English	4
Social Studies	4
Mathematics	3
Science (Must include Living Environment credit)	3
Foreign Language *	1
Art/Music	1
Health	0.5
Physical Education	2
Electives	3.5
****Total	22

Regents Diploma Required Courses	
English	4
Social Studies	4
Mathematics	3
Science (Must include Living Environment credit)	3
Foreign Language*	1
Art/Music	1
Health	0.5
Physical Education	2
Electives	3.5
****Total	22

Regents Diploma with Advanced Designation	
English	4
Social Studies	4
Mathematics	3
Science (Must include Living Environment credit)	3
Foreign Language**	3
Art/Music	1
Health	0.5
Physical Education	2
Electives	1.5
****Total	22

Required Regents Exams Special Education Only (Passing Score 55-64)***
English Language Arts Exam
One Mathematics Exam: Algebra or Geometry or Algebra 2
Social Studies: Global History or U.S. History
One Science Exam: Earth Science or Living Environment or Chemistry or Physics
+One Pathway Assessment

Required Regents Exams (Passing Score of 65 and Above)
English Language Arts Exam
One Mathematics Exam: Algebra or Geometry or Algebra 2
Social Studies: Global History or U.S. History
One Science Exam: Earth Science or Living Environment or Chemistry or Physics
+One Pathway Assessment

Required Regents Exams for Advanced Designation (Passing Score of 65 and Above)
English Language Arts Exam
Three Mathematics Exams: Algebra, Geometry and Algebra 2
Two Social Studies Exams: Global History and U.S. History
Two Science Exams: 1) Living Environment 2) Earth Science or Chemistry or Physics
Foreign Language Regional Assessment FLACS Checkpoint B Exam

* Students with an IEP may be exempt from the Foreign Language requirement.

** An alternate pathway is available by pursuing a 5-credit sequence in Art, Business or Technology

*** Special Education students have Regents Score compensatory options in order to earn a local Diploma. Please consult your school counselor for available options.

**** Students must complete a minimum of 40 hours of Community Service.

+For an approved list of Pathway Assessments, please visit **http://www.nysed.gov/curriculum-instruction/multiple-pathways**

Honors Distinction on High School Diploma

- Students can receive either a Regents Diploma with honors or Regents Diploma with Advanced Designation with honors if the overall average of all required Regents Exams is 90% or higher.
- In addition, students can receive Honors Distinction in Mathematics and/or Science by meeting the following criteria:
  - 3 Mathematics Regents examinations with 85% or above on each exam
    and/or
  - 3 Science Regents examinations with 85% or above on each exam

Grading System

All courses are graded with a numeric system from 0 to 100, unless otherwise noted in the course description. The minimum passing grade is 65.

Interim academic reports are posted on the parent portal each quarter after five weeks. Report cards are posted on the parent portal for parents and guardians every ten weeks.

Calculating Final Course Averages

Final averages for full year courses will be calculated as follows:

$$\frac{Q1 + Q2 + Q3 + Q4}{4}$$

Final averages for alternate-day courses will be calculated with the same format as full year courses.

Note: Full year courses with a midterm examination will calculate the midterm as 20% of the 2nd quarter average and final examinations or Regents examinations will calculate for 20% of the 4th quarter average.

Pass/Fail Courses

A limited number of elective and special education courses are graded on a High Pass (HP), Pass (P), Low Pass (LP), and Fail (F) basis. Courses that are graded on a Pass/Fail system are noted in this guide.

Grade 7 Curriculum Offerings

Required Courses

English 7

Offered: Full Year

Type of Course: Required

English 7 amplifies the work done in English 6 and urges students toward more careful and critical reading of preliminary literary texts. The curriculum includes critical reading of novels, short stories, plays, poetry, myths, and biographies; such genres are studied in class and through outside reading assignments. Teachers challenge their students to confront ethical and moral issues in the safe space of literature and connect such concepts to the modern world. In doing so, students are encouraged to more deliberately consider authorial intent with a focus on literary devices as artistic tools. Students are expected to use the skills developed in English 6 to elevate their writing toward increased sophistication both on the sentence and conceptual level. A process approach to writing encourages students to brainstorm, draft, revise, and finalize their writing. All English 7 students will take the State Assessment in English Language Arts. Students who need additional support in English Language Arts will also be assigned to Literacy Lab 7.

Math 7

Offered: Full Year

Type of Course: Required

Prerequisite: Math 6

Students enrolled in Math 7 will engage with an enriched New York State Grade 7 curriculum, preparing them for Math 8 in grade 8 and the Regents examination in Algebra 1 in grade 9.

The curriculum will focus on developing an understanding of and applying proportional relationships, performing operations with rational numbers, and working with expressions, inequalities, and linear equations. Additionally, students will learn to draw inferences from population-based samples. All students in Math 7 will participate in the New York State Grade 7 Mathematics Assessment.

Math 7 → Math 8

Pre-Algebra

Offered: Full Year

Type of Course: Required

Students in Pre-Algebra will engage with an enriched curriculum that combines pre-algebra and geometry, effectively preparing them for the Regents examination in Algebra 1 in grade 8. This accelerated course covers a wide range of topics, including number systems, ratios and proportions, percentages, systems of measurement, algebraic concepts, geometry, coordinate geometry, and probability and statistics.

As part of their learning experience, students in Pre-Algebra will also participate in the New York State Grade 7 Mathematics Assessment.

Students who receive a 98 or higher in this course will be considered for Algebra 1 Research Honors in grade 8.

Possible Middle School Sequences in Mathematics

Pre-Algebra→ Math 8
or
Pre-Algebra→ Algebra 1 Accelerated
or
Pre-Algebra→ Algebra 1 Research Honors

Science 7

Offered: Full Year

Type of Course: Required

Get ready to blast off into the electrifying world of **Seventh Grade Physical Science**! In this action-packed course, you'll explore the foundations of the universe through thrilling experiments and engaging classroom activities. Dive deep into the mysteries of atoms, molecules, and the fundamental principles that govern our world, all while honing your scientific skills with the hands-on techniques that scientists use every day.

You'll unravel the secrets of heat, work, machines, forces, and energy, exploring everything from basic equations to the fascinating applications of alternative energy sources. Get ready to challenge your thinking, ignite your curiosity, and transform your understanding of how the world works!

This is not just a class—it's your launching pad into the wonders of science, setting you up for success as you gear up for the Science 8 Assessment and beyond. Join us for an unforgettable journey through the universe of physical science, where every lesson is an adventure waiting to happen!

Science 7 → Science 8
or
Science 7 → Earth Science Honors

Social Studies 7

Offered: Full Year

Type of Course: Required

The 7th grade social studies course is an introduction to the history of the United States beginning with the age of exploration and the discovery of the New World. Students study the chronology by which the United States moves from its colonial infancy to the Civil War period. Where possible, the arts and literature are used to enrich the course of study. Students are encouraged to view the history of America through the lens of identity, protest, reform and expansion. All of the important social studies skills are introduced including graph interpretation, essay writing, note-taking, map analysis, and the understanding of political cartoons. Multiculturalism and values education are interwoven into the curriculum.

World Languages Courses

Our World Languages program is designed to spark a lifelong love for language and cultural discovery. At the intermediate level, we look forward to guiding students through a two-year sequence that results in achieving Checkpoint A proficiency by the end of 8th grade. Through engaging lessons and interactive activities, students will deepen their understanding of the language while exploring the rich traditions and contributions of various cultures. Our goal is to cultivate not only language skills but also an appreciation for the diverse perspectives that come with learning a new language.

*****All language sequences are subject to district enrollment policies. Please note that the language offerings at the Middle School and High School will be dependent upon enrollment. Some languages may not be offered every year.***

Intermediate French

Offered: Full Year

Type of Course: Required

Intermediate French helps students to deepen their understanding and fluency in the French language. Building on skills acquired in Introduction to French, students will strengthen their abilities in listening, speaking, reading, and writing through engaging and interactive activities. In addition to language skills, this course offers students a window into the rich contributions of Francophone cultures to our country and the world, enhancing their global awareness and appreciation of diverse perspectives. By the end of the course, students will have a solid foundation in both communication and cultural insights, ready to advance their journey in French.

Intermediate Chinese

Offered: Full Year

Type of Course: Required

In this course, students will continue to build confidence in using Chinese for everyday activities, broadening their ability to communicate effectively in various real-life contexts. Building on the foundations from Introduction to Chinese, students will further develop their skills in listening, speaking, reading, and writing in Modern Chinese. As students progress, they will engage with new topics presented with greater depth and sophistication, enhancing both their language use and style. By the end of the course, students will be prepared to apply their growing Chinese proficiency with confidence and cultural awareness.

Intermediate Spanish

Offered: Full Year

Type of Course: Required

Intermediate Spanish empowers students to deepen their understanding and fluency in the Spanish language. Building on skills acquired in Introduction to Spanish, students will strengthen their abilities in listening, speaking, reading, and writing through engaging and interactive activities. In addition to language skills, this course offers students a window into the rich contributions of Spanish-speaking cultures to our country and the world, enhancing their global awareness and appreciation of diverse perspectives. By the end of the course, students will have a solid foundation in both communication and cultural insights, ready to advance their journey in Spanish.

Exploratory Courses

Engineering Technology 7

Offered: Alternate Day

Type of Course: Required

Welcome to the thrilling world of **Engineering Technology 7**, where your imagination and creativity come to life! In this dynamic course, you'll dive into the exciting realm of design, construction, and evaluation of innovative products and systems. Using an inquiry-based learning approach, you'll tackle real-world technological challenges, transforming ideas into tangible solutions.

Get ready for hands-on activities that will ignite your passion for engineering! From drawing and design to rocketry, bridge construction, and magnetic levitation, each project will push your limits and spark your curiosity.

One of the highlights of the course is the **Design and Modeling** unit, a foundational component of the Gateway to Technology program through **Project Lead the Way (PLTW)**. Here, you'll discover the power of an engineering notebook to capture your ideas and insights. You'll master the design process, learning how creativity and innovation shape our world.

With industry-standard 3D modeling software at your fingertips, you'll create stunning virtual representations of your designs and build a portfolio that showcases your imaginative solutions. This isn't just a class; it's your launching pad into the exhilarating field of engineering, setting the stage for your future in the PLTW Engineering Program at the high school level. Get ready to unleash your inner engineer and transform the world around you!

FACS 7 (Family and Consumer Sciences)

Offered: Alternate Day

Type of Course: Required

This twenty-week course has been created to reflect the New York State Home and Careers Learning Standards. Students in this course will be given an opportunity to learn more about themselves and their relationships, the principles of nutrition, preparing healthy foods, safety procedures for food preparation, sewing techniques, and exploring and researching careers.

Health Education 7

Offered: Alternate Day

Type of Course: Required

Health 7, a required course in New York State, is offered alternate days in grade seven. The course is designed to help students become aware of the lifestyle factors that influence their health status. The course begins with a strong foundation in decision-making skills, which is then applied to such topics as peer relationships, family life, physical fitness, avoiding tobacco, alcohol and other drugs, and fostering a healthy lifestyle. Students will learn to develop positive health attitudes through discussion, research, and group activities.

Physical Education 7

Offered: Alternate Day

Type of Course: Required

The Middle School Physical Education program is designed to provide all students with opportunities for healthy mental, physical, and social growth and development through a variety of physical activities. The physical education curriculum also emphasizes the development of health related physical wellness. A variety of individual and team sports, games, and activities are offered.

Electives

Art 7

Offered: Alternate Day

Type of Course: Elective

Art 7 is an alternate day elective course that builds on the elements learned in Art 6. It is designed to give students a more extensive art experience. The curriculum delves into a wide variety of concepts and movements, while continuing the exploration of artistic techniques and materials.

Coding 1

Offered: Alternate Day

Type of Course: Elective

Coding 1 is designed to introduce students to the world of programming using block-based code only. The course will help students develop a basic understanding of computers while learning a key skill: problem solving. This course will teach the Scratch program in depth to code different songs and melodies, create drawings using block-based programming and mathematics, create animations, and design and code computer games.

Foundations of Business and Applied Mathematics

Offered: Alternate Day

Type of Course: Elective

This course will develop and engage learners in the essential mathematical and analytical skills necessary for success in future high school business courses and beyond. The curriculum emphasizes a strong foundation in applied mathematics and business principles with concentrations in Economics, Marketing, Communications and Finance.

Mathematical models and quantitative reasoning will be applied as students learn data analysis, budgeting, and cost-benefit evaluation while exploring leadership responsibilities, including collaboration and strategic resource management. Real-world learning opportunities, including guest speakers and field trips, will deepen their understanding of business-related fields through a practical, math-integrated lens.

Music Electives

Band 7

Offered: Alternate Day

Type of Course: Elective

Band 7 further develops skills learned in sixth grade such as sight reading, rhythms, and music theory. Students will work with more advanced scales throughout the year. Youngsters in this program also attend a pull-out group lesson class on a rotating schedule. Students are required to attend two evening performances each year.

Chorus 7

Offered: Alternate Day

Type of Course: Elective

This course is a continuation of the Chorus 6 program with an emphasis on proper breathing, resonance, diction, note reading, and performance techniques. The music chosen is more technical and challenging in nature. The seventh and eighth grade chorus ensemble perform together at the Winter and Spring concerts where performance is a course requirement.

Orchestra 7

Offered: Alternate Day

Type of Course: Elective

Orchestra 7/8 is a combined class of 7th and 8th grade students. Students will build skills on their individual instruments as well as ensemble skills performing with a large group. Students will advance their understanding of technique and musicality through rehearsals and required small group pull-out lessons. All students are expected to perform in the Winter and Spring Concerts. Orchestra 7/8 is not a class for beginners; this class has a prerequisite that students have more than one year of playing experience on their instrument.

Academic Support Courses

Literacy Lab 7

Offered: Alternate Day

Type of Course: Required by New York State Assessment scores or by teacher recommendation.

Literacy Lab is designed to offer middle school students purposeful support that will aid them in becoming more fluid and independent readers and writers. Students in this class will have the opportunity to take a closer look at the texts read in their English class, pre-reading and/or re-reading these texts in a smaller environment. These texts will be paired with supplementary materials carefully selected to enhance textual understanding. Course goals include strengthening reading comprehension, expanding student vocabulary, and increasing reading fluidity.

Reading

Offered: Daily/Alternate Day

This class is specifically designed for middle school students in need of a multisensory structured approach to encoding and decoding. Using the Science of Reading principles, these students work closely with their teacher to advance their reading skills through explicit word instruction. Instruction focuses on word structure, word recognition, spelling, vocabulary, and word understanding. This class offers a supportive and focused environment in which students can feel comfortable devoting time to fundamental concepts of language and literacy.

Pre-Algebra Lab

Offered: Alternate Day

Type of Course: Required by New York State Assessment scores or by teacher recommendation.

Grading: Pass/Fail

This math class will be offered as an Academic Intervention Services (AIS) course. Placement in AIS Math is not a self-selected option; students are identified for participation based on multiple measures of academic performance. A student is scheduled for a mathematics lab class if his or her New York State assessment score reveals a deficiency in mathematics skills or his or her current course progress is insufficient. Special attention will be given to the tasks associated with the mathematics assessment. Pre-Algebra Lab is taken in addition to a student's regular mathematics class and meets on alternate days.

Grade 7 Worksheet

Required Courses

1. English 7 — Full Year

2. Pre-Algebra 7 — Full Year
   *Math 7 — Full Year
   (Recommendations will be made in March 2025)
3. Social Studies 7 — Full Year

4. Science 7 — Full Year

5. FACS 7 — Alternate Day
   Engineering Technology 7 — Alternate Day

6. Health Education 7 — Alternate Day
   Physical Education 7 — Alternate Day

7. Elective — Alternate Day
   Elective — Alternate Day

Students must select TWO of the following:

Art 7	Alternate Day
Coding 1	Alternate Day
Band 7	Alternate Day
Chorus 7	Alternate Day
Orchestra 7	Alternate Day
Foundations of Business and Applied Mathematics	Alternate Day

8. World Languages — Full Year
   - Intermediate French
   - Intermediate Chinese
   - Intermediate Spanish

9. Lunch

*Recommendation Only

Alternate Assignments

Academic Support Classes

*Literacy Lab 7 (replaces an elective choice)	Alternate Day
*Pre-Algebra Lab (replaces an elective choice)	Alternate Day
*Reading (replaces exploratory period)	Alternate Day

Special Education

*Academic Strategies 7	Daily
*Co-teaching Workshop 7 (replaces two elective choices)	Daily

*Recommendation Only

Sample Grade 7 Schedule

Period	1	English 7
Period	2	Pre-Algebra
Period	3	Science 7
Period	4	Intermediate Spanish
Period	5A	Coding 1
	5B	Physical Education 7
Period	6	Lunch
Period	7A	Health Education 7
	7B	Art 7
Period	8	Social Studies 7
Period	9A	Engineering Technology 7
	9B	Foundations of Business and Applied Mathematics



Grade 8 Curriculum Offerings

Required Courses

English 8

Offered: Full Year

Type of Course: Required

English 8 broadens the skills students have acquired in previous years of English instruction as teachers work to prepare students for English study at the high school level. Students continue to confront ethical and moral issues in literature through familiar genres of novels, plays, poems, essays, and articles, among others, while requirements for substantial in-class and supplementary reading are sustained. Throughout the program of instruction, teachers integrate and emphasize reading, writing, speaking, and listening skills. Writing assignments become more complex in the eighth-grade program, but a process approach to writing is retained. Most critically, all students are expected at this point to move beyond mere literal reading of texts toward a more mature and richer analytical reading. All eighth-grade students will take the New York State English Language Arts Assessment. Students who need additional support in English language arts will also be assigned to Literacy Lab 8.

Math 8

Offered: Full Year

Type of Course: Required High School Course

Prerequisite: Pre-Algebra

*S*tudents in Math 8 will be exposed to an enriched NYS Grade 8 Curriculum, which will help prepare them for the Regents examination in Algebra 1 in grade 9. The year will focus on formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation, and solving linear equations and systems of linear equations. Students will have support in understanding the concept of a function and using functions to describe quantitative relationships, analyzing space and figures using distance, angle, similarity, and congruence, also applying the Pythagorean Theorem. Students in Math 8 will take the New York State Grade 8 Mathematics Assessment.

Algebra 1 Accelerated

Offered: Full Year

Type of Course: Required

Prerequisite: Pre-Algebra

Students will explore the New York State Algebra 1 curriculum and take the Algebra 1 Regents examination in June. The course will cover essential units, including Numbers and Quantity, Algebra, Functions, Statistics, and Mathematical Problem Solving.

To earn one high school Regents credit, students must successfully complete both the course and the Regents examination. The grades from the Regents test and the final course will be recorded on the student's high school transcript.

Algebra 1 Research Honors

Offered: Full Year

Type of Course: Required High School Course

Prerequisite: Committee recommendation, 98 or higher in Pre-Algebra, and a 98 or higher in Math 6.

Students recommended for this rigorous research honors option will be selected by a committee of mathematics faculty members based on standardized test scores, report card grades, midterms,and finals from 6th and 7th grades, as well as, performance on selected math contests.

Students in this research level course will study an enhanced version of the New York State Regents Algebra 1 curriculum and take the Regents in June. Students must pass the course and the Algebra 1 Regents examination in order to earn one high school credit. The Regents grade and final course average will become part of the student's high school transcript.

In addition to the high academic standards to which students in this honors research course will be held, they will also be required to write mathematics research papers on topics approved by their teachers. Exemplary papers will be entered into the Long Island Math Fair, held at Hofstra University.

Science 8

Offered: Full Year

Type of Course: Required

Get ready to embark on an epic journey through the wonders of **Science 8**! This exciting course builds on the skills you've developed in grades 6 and 7, taking your scientific exploration to new heights. With a primary focus on earth science, you'll delve into captivating topics like physical geology, climate, and the mysteries of astronomy—all while conducting hands-on experiments in our fully equipped laboratory.

Prepare to uncover the secrets of our planet and the universe beyond! From the dynamic forces shaping our Earth to the fascinating phenomena that govern our climate, you'll engage in thrilling activities that will challenge your thinking and spark your curiosity. Explore the stars, study geological formations, and investigate the delicate balance of ecosystems in ways you've never imagined.

As you dive into this adventurous curriculum, you'll also prepare for the New York State Intermediate Level Science Assessment in the Spring. This is your chance to shine and showcase all the amazing knowledge and skills you've acquired. Join us in Science 8 and let your passion for discovery soar as you unlock the mysteries of the natural world!

Earth and Space Sciences Honors

Offered: Full Year- Meets in double and single periods on alternate days.

Type of Course: Required High School Course

Prerequisite: Students will be recommended based upon a rubric and teacher recommendation.

Welcome to **Earth and Space Science Honors**, an exhilarating and fast-paced course designed for exceptional students ready to take their scientific skills to the next level! This accelerated honors program is for those who have shown remarkable ability and achievement in Science 7 and are eager to dive deep into the fascinating world of Earth and Space Science.

Prepare to embark on an adventure exploring celestial motion, plate tectonics, insolation, the rock cycle, the water cycle, meteorology, and the interpretation of geologic history. This course is not just about learning; it's about experiencing science in action through engaging projects that challenge your critical thinking and creativity.

Success in Earth and Space Science Honors requires a high degree of motivation and effort, but the rewards are immense! You'll not only deepen your understanding of our planet and the universe but also develop skills that will serve you well in high school and beyond.

As the course culminates in the Earth and Space Science Regents Examination in June, you'll have the opportunity to showcase all your hard work. Passing this course and the Regents exam earns you high school credit, with your grade contributing to your GPA and becoming part of your official transcript.

Join us in Earth and Space Science Honors and elevate your passion for science as you unlock the secrets of the Earth and beyond!

Social Studies 8

Offered: Full Year

Type of Course: Required

The 8th grade social studies course explores the major events that shaped America in the 19th and 20th centuries. Students will study the U.S. as an industrial power at the end of the Civil War and as a major force in the world's balance of power at the beginning of the 20th century. Two world wars and the Holocaust will also be analyzed as underpinnings of the role of the U.S. in the second half of the 20th century. Current events will be an ongoing component of the curriculum. One of the major goals of this course is to have students view American history through the thematic lens of identity, protest, reform and expansion.

Grammar Fundamentals 8

Offered: Full Year

Type of Course: Required

Grammar Fundamentals provides a thorough and comprehensive introduction to and exploration of grammar, punctuation, and writing conventions. Students in this mandatory every other day class will methodically move through the rules governing the building blocks of clauses and sentences. Explicit grammar instruction will begin at the word level with recognizing and identifying parts of speech, move through learning a rudimentary form of sentence diagramming, and ultimately cover the following topics: apostrophes, subject verb agreement, pronoun antecedent agreement, pronoun choice, punctuation with quotation marks, punctuation with independent and dependent clauses, modifiers & comparisons, verb tense, essential and nonessential clauses, and parallelism. Each of these units will be assessed through formats modeled after standardized measures students will encounter in high school, specifically the SAT and ACT exams. Through year-long exposure, students will learn, adopt, and internalize grammatical rules and conventions, preparing them for writing across the curriculum at the high school level.

World Languages Courses

Our World Languages program is designed to spark a lifelong love for language and cultural discovery. We are committed to fostering a passion for language and empowering our students to become confident, culturally aware communicators in their language-learning journey.
We look forward to guiding students toward achieving Checkpoint A proficiency by the end of 8th grade, opening doors to further language exploration and success.

Please note that the language offerings at the High School will be dependent upon enrollment. Some languages may not be offered every year.

Advanced French

Offered: Full Year

Type of Course: Required

Prerequisite: Successful completion of Intermediate French (final average of 65 or higher).

Advanced French focuses on enhancing listening, speaking, reading, and writing skills while emphasizing advanced language proficiency. Students will engage with the French language to explore the practices and products of Francophone cultures, gaining insights into their cultural perspectives.At the end of the course, students will take a Checkpoint A final examination assessing speaking, listening, reading, and writing. Those who pass **the exam and the course** will earn one unit of high school credit in French. Students who do not pass the final exam or do not take it will need to enroll in Level 1 language at the high school to fulfill the Regents Diploma requirement. **The final average for this course will appear on the student's high school transcript and contribute to their overall GPA, marking an important achievement in their language-learning journey**.

Advanced Chinese

Offered: Full Year

Type of Course: Required

Prerequisite: Successful completion of Intermediate Chinese (final average of 65 or higher).

Advanced Chinese focuses on enhancing listening, speaking, reading, and writing skills while emphasizing advanced language proficiency. Students will engage with the Chinese language to explore the practices and products of Chinese culture, gaining insights into their cultural perspectives.

At the end of the course, students will take a Checkpoint A final examination assessing speaking, listening, reading, and writing. Those who pass **the exam and the course** will earn one unit of high school credit in Chinese. Students who do not pass the final exam or do not take it will need to enroll in Level 1 language at the high school to fulfill the Regents Diploma requirement. **The final average for this course will appear on the student's high school transcript and contribute to their overall GPA, marking an important achievement in their language-learning journey**.

Advanced Spanish

Offered: Full Year

Type of Course: Required

Prerequisite: Successful completion of Intermediate Spanish (final average of 65 or higher).

Advanced Spanish focuses on enhancing listening, speaking, reading, and writing skills while emphasizing advanced language proficiency. Students will engage with the Spanish language to explore the practices and products of Hispanic cultures, gaining insights into their cultural perspectives.At the end of the course, students will take a Checkpoint A final examination assessing speaking, listening, reading, and writing. Those who pass **the exam and the course** will earn one unit of high school credit in Spanish. Students who do not pass the final exam or do not take it will need to enroll in Level 1 language at the high school to fulfill the Regents Diploma requirement. **The final average for this course will appear on the student's high school transcript and contribute to their overall GPA, marking an important achievement in their language-learning journey**.

Exploratory Courses



Coding 1

Offered: Alternate Day

Type of Course: Elective

Coding 1 is designed to introduce students to the world of programming using block-based code only. The course will help students develop a basic understanding of computers while learning a key skill: problem solving. This course will teach the Scratch program in depth to code different songs and melodies, create drawings using block-based programming and mathematics, create animations, and design and code computer games.

Coding 2

Offered: Alternate Day

Prerequisite: Coding 7 or Coding 1

Type of Course: Elective

Coding 2 is designed with the prerequisite that students have been exposed to the curriculum in the Coding 1 course (which explores the world of coding on Scratch). This course will teach students the fundamentals of various technical syntax-based computer languages. Students will learn the first principles of HTML and CSS, Python, and JavaScript, as they transition from Scratch's block-based programming language.

Engineering Technology 8

Offered: Alternate Day

Type of Course: Elective

Get ready to unleash your creativity and innovation in the thrilling world of Technology and Engineering! This dynamic course takes the fundamental ideas of technology and engineering to the next level, challenging you to tackle real-world problems both independently and in collaborative groups.

Dive into a hands-on curriculum that includes design and drawing skills, developing detailed construction plans, and mastering the safe use of hand tools and machines. You'll manage exciting projects in areas like wind energy, magnetic levitation, and cutting-edge construction technologies, transforming your ideas into tangible solutions!

One of the standout highlights of this course is the **Automation and Robotics** unit, a foundational part of the Gateway to Technology program through **Project Lead the Way** (PLTW). You'll explore the fascinating history and impact of automation and robotics, learning about mechanical systems, energy transfer, and computer control systems. Using the VEX Robotics® platform, you'll design, build, and program real-world objects like traffic lights, toll booths, and robotic arms. Imagine the thrill of seeing your creations come to life!

This course not only fuels your passion for technology but also lays the groundwork for your future in the PLTW Engineering Program at the high school level. Join us in this exhilarating journey and become the engineer of tomorrow!

Physical Education 8

Offered: Alternate Day

Type of Course: Required

The Middle School Physical Education program is designed to provide all students with opportunities for healthy mental, physical, and social growth and development through a variety of physical activities. The physical education curriculum also emphasizes the development of health-related physical wellness. A variety of individual and team sports, games, and activities are offered.

Civic Leadership and Debate 8

Offered: Alternate Day

Type of Course: Elective

This course is designed to develop the leaders of tomorrow by researching, debating and discussing both civic and social issues. Students will focus on current issues that are impacting their country, school, and community. They will analyze civic issues and learn to research each topic giving them a greater understanding of different viewpoints. They will then participate in debates, socratic seminars, and presentations. These activities are designed to nurture essential leadership skills such as critical thinking, problem solving, developing persuasive arguments, and public speaking.

Students will apply the skills learned by participating in New York State's Seal of Civic Readiness Middle School Capstone project. They will create and present a solution for a current civic issue which will demonstrate their ability to make a positive impact on the community around them.

Example Debate Topics: Impact of Social media, Gun Laws, Immigration, Health Care, Voting Age, Global Warming/Environmental, Minimum Wage, Electoral College, Supreme Court, College for all, Income Tax, Artificial Intelligence, Big Tech Companies, and Voting by Smartphone.

Medical Detectives 8

Offered: Alternate Day

Type of Course: Elective

Step into the thrilling world of medical detectives, where you'll become a real-life investigator uncovering the mysteries of genetics and health! In this dynamic class, you'll analyze genetic testing results like a true detective, piecing together clues to diagnose diseases and unravel the secrets of DNA evidence found at a simulated "crime scene."

Dive into hands-on projects and engaging labs, where every lesson transforms you into a problem-solver. You'll learn to measure and interpret vital signs, unlocking the secrets of the human body's systems and how they work together to keep us healthy.

Get ready for a fast-paced journey filled with discovery, critical thinking, and the excitement of solving medical mysteries. Your adventure starts here—let's crack the code of health together!

Sport Health 8

Offered: Alternate Day

Type of Course: Elective

This course will allow students to learn about sports safety and athlete development. Topics include nutrition, dangers of alcohol/tobacco/performance enhancing drugs, athletes as role models, sport psychology, injury prevention and care, principles of first aid, and current events.

Studio Art

Offered: Full Year *(Meets the High School Diploma Requirement for 1 credit in Art or Music.*)

Prerequisite: Portfolio submission

Type of Course: Elective

Studio Art is an introductory high school course, which meets the New York State Diploma requirements for one credit of visual arts, music, dance, or theater. It is also a prerequisite course for students who wish to study advanced art courses in grades 9, 10, 11, & 12. Emphasis is placed on the elements and principles of design and art history. Students will have an opportunity to work with a variety of media. The final average will become part of the student's high school record and will be calculated in the high school grade point average. Students who successfully complete this course will receive one high school credit.

Music Electives

Band 8

Offered: Alternate Day

Type of Course: Elective

Music skills that students acquired in Band 7 will be further developed in Band 8. Students will study complex rhythms, more advanced musical scales, and music theory. Youngsters will attend a pull-out lesson class on a rotating basis. Band 8 students are required to participate in two evening concerts each year.

Chorus 8

Offered: Alternate Day

Type of Course: Elective

This course is a continuation of the Chorus 6 program with an emphasis on proper breathing, resonance, diction, note reading, and performance techniques. The music chosen is more technical and challenging in nature. The seventh and eighth grade chorus ensemble perform together at the Winter and Spring concerts where performance is a course requirement.

Orchestra 8

Offered: Alternate Day

Type of Course: Elective

Orchestra 7/8 is a combined class of 7th and 8th grade students. Students will build skills on their individual instruments as well as ensemble skills performing with a large group. Students will advance their understanding of technique and musicality through rehearsals and required small group pull-out lessons. All students are expected to perform in the Winter and Spring Concerts. Orchestra 7/8 is not a class for beginners; this class has a prerequisite that students have more than one year of playing experience on their instrument.

Academic Support Courses

Literacy Lab 8

Offered: Alternate Day

Type of Course: Required by New York State Assessment scores or by teacher recommendation.

Literacy Lab is designed to offer middle school students purposeful support that will aid them in becoming more fluid and independent readers and writers. Students in this class will have the opportunity to take a closer look at the texts read in their English class, pre-reading and/or re-reading these texts in a smaller environment. These texts will be paired with supplementary materials carefully selected to enhance textual understanding. Course goals include strengthening reading comprehension, expanding student vocabulary, and increasing reading fluidity.

Reading

Offered: Daily/Alternate Day

This class is specifically designed for middle school students in need of a multisensory structured approach to encoding and decoding. Using the Wilson Language Training principles, these students work closely with their teacher to advance their reading skills through explicit word instruction. Instruction focuses on word structure, word recognition, spelling, vocabulary, and word understanding. This class offers a supportive and focused environment in which students can feel comfortable devoting time to fundamental concepts of language and literacy.

Algebra 1 Lab

Offered: Alternate Day

Type of Course: Required by New York State Assessment scores or by teacher recommendation. A student is scheduled for a mathematics lab class if his or her N.Y.S. assessment score reveals a deficiency in mathematics skills or his or her current course progress is insufficient. Special attention will be given to the tasks associated with the mathematics assessment. Algebra 1 Lab is taken in addition to a student's regular mathematics class and meets on alternate days.

Grade 8 Worksheet

Required Courses

1. English 8 — Full Year

2. Algebra 1 Accelerated — Full Year
   or
   *Algebra 1 Research Honors — Full Year
   (Recommendations will be made in March 2025)
   or
   *Math 8 — Full Year
   (Recommendations will be made in March 2025)

3. Science 8 — Full Year
   or
   Earth and Space Honors — Full Year

4. Social Studies 8 — Full Year

5. Physical Education 8 — Alternate Day
   Technology Elective — Alternate Day

6. Grammar Fundamentals 8
   Alternate Day
   Elective Choice — Alternate Day
   (see column to the right)

7. World Languages — Full Year
   Advanced French
   Advanced Spanish
   Advanced Chinese

8. Electives (see column to the right)

9. Lunch

*Recommendation Only

Electives

Students must select four alternate day electives ***OR*** one daily and two alternate days.

Coding 1	Alternate Day
Coding 2	Alternate Day
Earth and Space Honors Lab	Alternate Day
Required for Earth and Space Science Honors	
Engineering Technology 8	Alternate Day
Civic Leadership and Debate 8	Alternate Day
Medical Detectives 8	Alternate Day
Sport Health 8	Alternate Day
Studio Art	Daily
Band 8	Alternate Day
Chorus 8	Alternate Day
Orchestra 8	Alternate Day

Academic Support Classes

*Algebra 1 Lab	Alternate Day
(replaces an elective choice)	
*Literacy Lab 8	Alternate Day
(replaces an elective choice)	
*Reading	Alternate Day
(replaces exploratory period)	

Special Education

*Academic Strategies 8	Daily
*Co-teaching Workshop 8	Daily
(replaces two elective choices)	

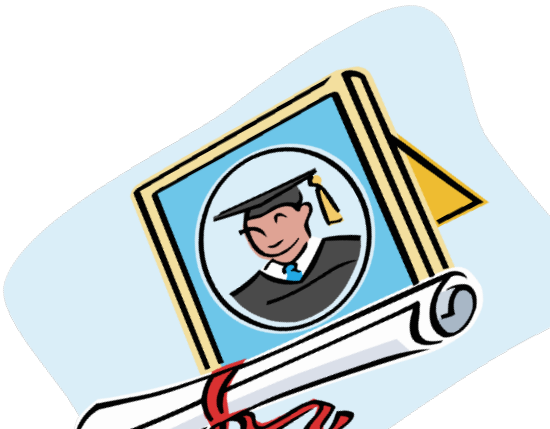
*Recommendation Only

Sample Grade 8 Schedules

Period 1	Algebra 1 Accelerated
Period 2	Science 8
Period 3	Social Studies 8
Period 4A	Engineering Technology 8
4B	Sport Health 8
Period 5	English 8
Period 6A	Physical Education 8
6B	Chorus 8
Period 7	Lunch
Period 8	Advanced Spanish
Period 9A	Grammar Fundamentals 8
9B	Civic Leadership and Debate 8

Period 1	Algebra 1 Research Honors
Period 2	Earth and Space Science Honors
Period 3A	Earth and Space Science Honors Lab
3B	Physical Education 8
Period 4	English 8
Period 5	Advanced Spanish
Period 6	Social Studies 8
Period 7	Lunch
Period 8A	Coding 1
8B	Grammar Fundamentals 8
Period 9A	Orchestra 8
9B	Sport Health 8

Period 1	Algebra 1 Accelerated
Period 2	Advanced French
Period 3A	Orchestra 8
3B	Physical Education 8
Period 4	English 8
Period 5	Studio Art
Period 6	Social Studies 8
Period 7	Lunch
Period 8A	Grammar Fundamentals 8
8B	Earth Science Honors Lab
Period 9	Earth Science Honors



High School Sequence Charts

Mathematics Department

RESEARCH HONORS	HONORS/ ACCELERATE	REGENTS				
Algebra 1 RSH	Pre-Algebra 7				Math 7	Grade 7
Geometry RSH	Algebra 1 RSH	Algebra 1		Math 8		Grade 8
Algebra 2 RSH	Geometry RSH	Geometry H	Geometry	Algebra 1		Grade 9
AP Pre-Calculus	Algebra 2 RSH	Algebra 2 H	Algebra 2	Geometry		Grade 10
AP Calculus BC	AP Pre-Calculus	Pre-Calculus H	Pre-Calculus	Algebra 2	Algebra 2 A	Grade 11
(Fall) Multi Variable Calculus & Differential (Spring)	AP Calculus BC	AP Calculus AB	Calculus	Pre-Calc or College Math	Algebra 2 B	Grade 12

Supplementary Courses

Math Labs are available for the following courses:

- Algebra 1
- Geometry
- Algebra 2

College Preparatory Strategies for SAT/ACT Exams

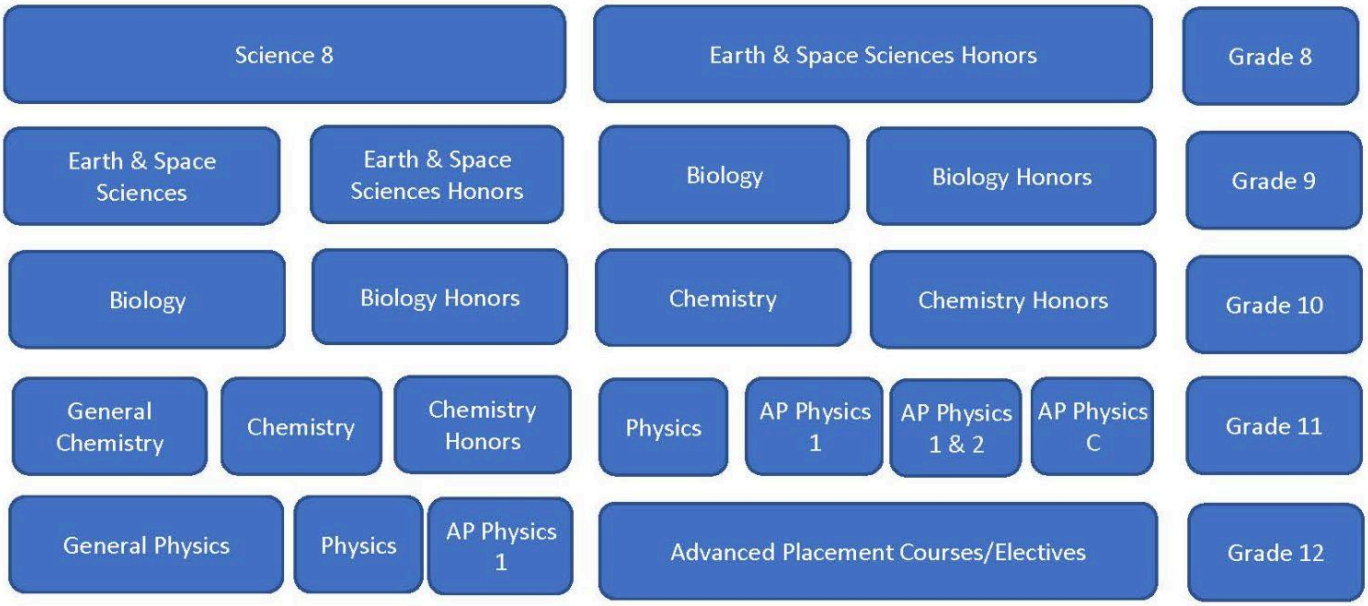
Elective Courses

College Math
Calculus
AP Calculus AB
AP Calculus BC
AP Statistics
Linear Algebra

21st Century

App Inventor Computer Programming in Java
AP Computer Science Principles
AP Computer Science A
AI, CYBERSECURITY & BEYOND

Science Department



Advanced Placement Courses

AP Biology
AP Chemistry
AP Environmental Science
AP Physics 1
AP Physics 1 & 2
AP Physics C

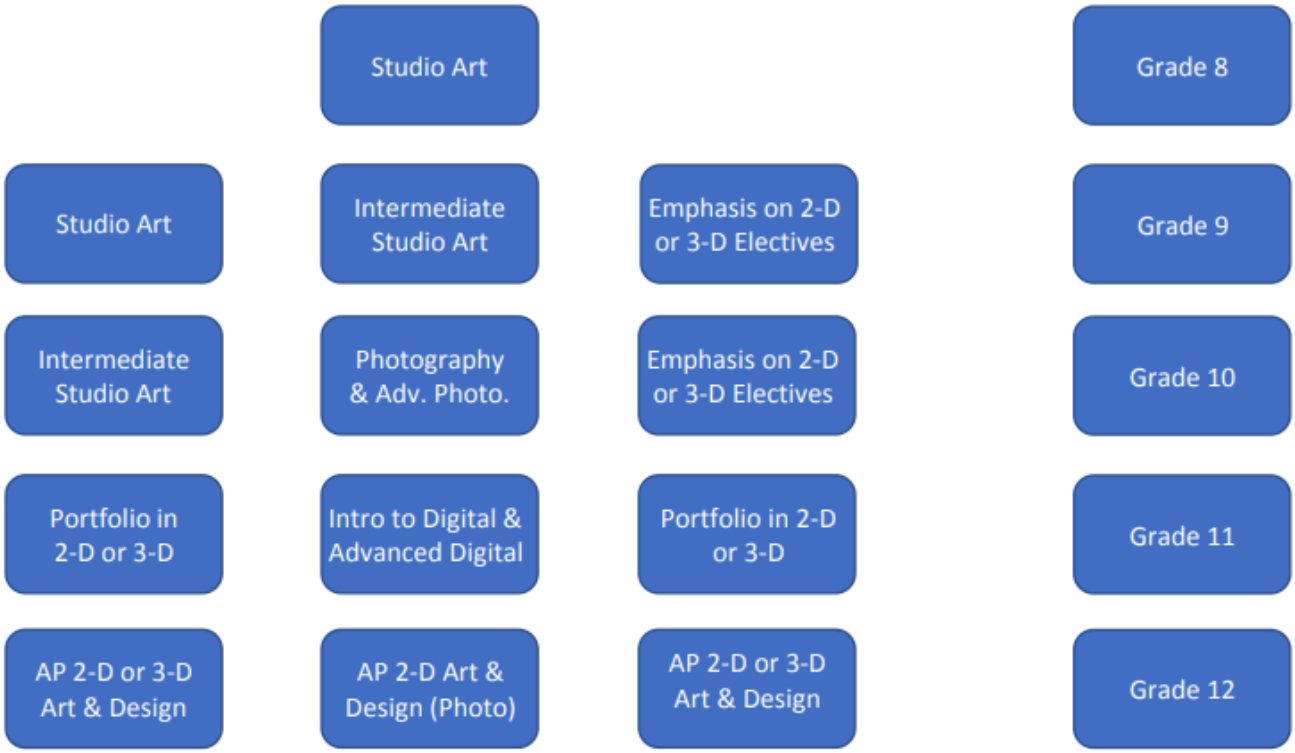
Elective Courses

(Not offered every year)
Advanced Pre-Med
Astronomy
Epidemiology: Disease and You
Forensics
Hydroponics
Marine Biology
Natural Disasters
Pre-Med
Pre-Vet

21st Century Science Electives

Electric Vehicles
Introduction to Biotechnology
Introduction to Robotics
Advanced Robotics
Drones-The Future of Flight
PLTW-Drawing & Design for Production (DDP/IED)
PLTW-Computer Integrated Manufacturing (CIM)

Art Department



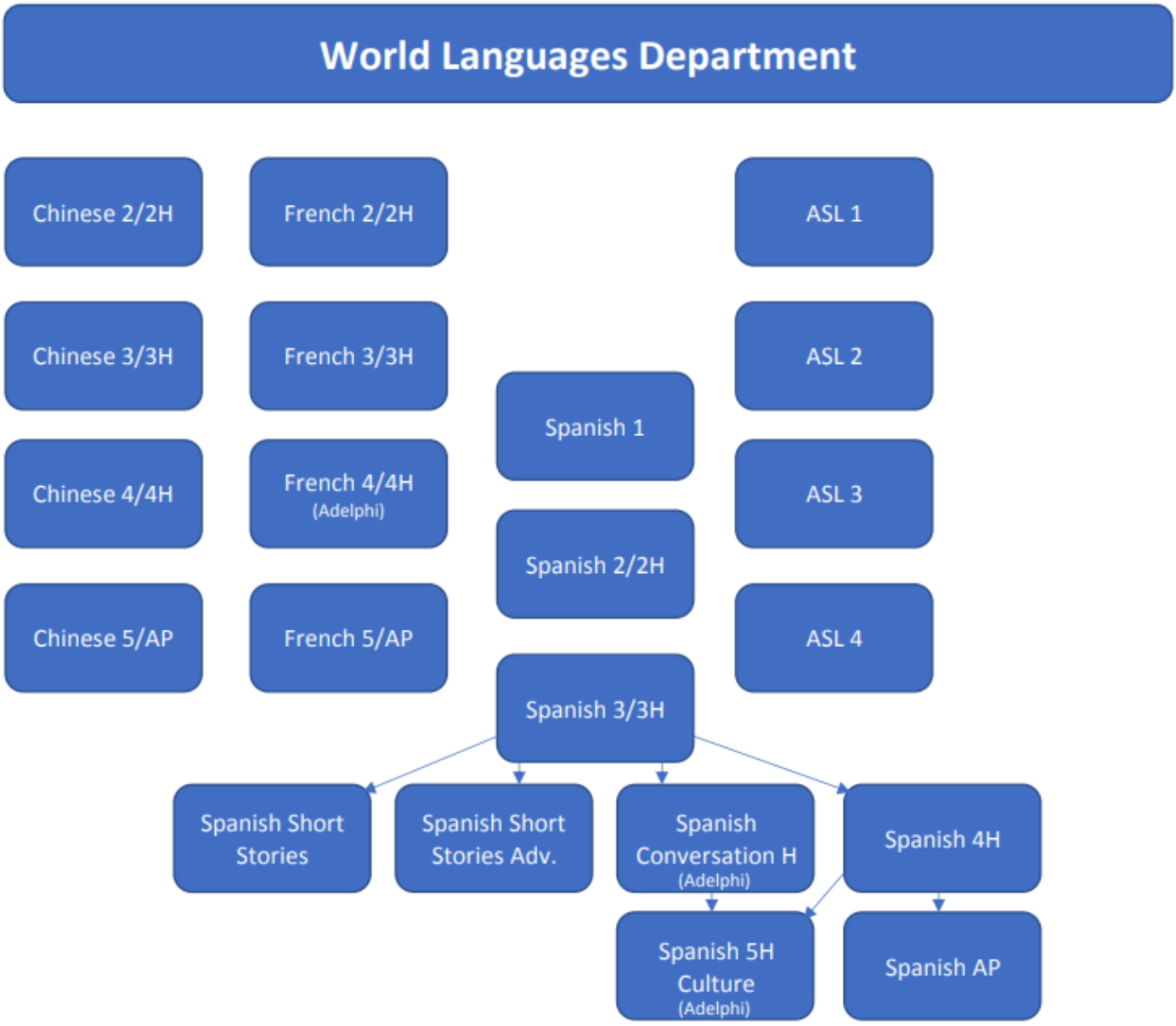
Electives

Photography*
Introduction to Digital Photography*
Sculpture and Ceramics*
Fashion in Art*
Computer Graphics*
Mixed Media*

Advanced Photography
Advanced Digital Photography
Advanced Sculpture & Ceramics
Advanced Fashion in Art
Advanced Computer Graphics
Digital Art, Animation and more with Procreate**

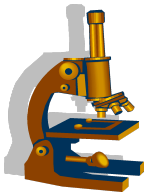
**Available to Students in Grade 9*

***Pending Board of Education Approval*



The continuation of a language sequence will be contingent upon interest, enrollment and staffing. We will make every effort to provide students access to the Checkpoint A at the conclusion of Grade 8, however as mentioned above, we will not guarantee that all language selections will be available at the High School level.

Special Programs



English Language Learners (ELL)

English as New Language (ENL) is offered to students whose native language is not English. The program focuses on the development of reading, writing, listening, and speaking skills. The goal of this program is to help students become proficient in the English language while familiarizing them with American culture.

Placement is done through a screening process that includes a formal and an informal assessment of the student's proficiency in English. Students will move into the regular education program when they have obtained proficiency in the English language.

Sample Course Offerings:

- ENL Integrated English
- ENL Language Arts
- ENL Integrated Social Studies
- ENL Support

Students who receive ENL services take an annual language achievement test, part of the New York State Testing Program.

Library Services

In today's world of constantly evolving media and information technology, the ability to effectively and efficiently access, evaluate and utilize data and information is the key to success. The newly renovated and redesigned Roslyn Middle School Library provides a dynamic learning space, incorporating traditional as well as cutting-edge resources to help students and faculty delve into the various department curricula while piquing the myriad interests of our middle school learners. Our bright and inviting space makes materials available for all grades and ability levels, and is the perfect setting after-school and during lunch to do homework, research, or explore the stacks.

Special Education Programs

Our related services and special education programs are designed to provide students classified under the Committee on Special Education with the support they require to develop appropriate study skills and strategies to become successful, independent learners. Program goals include supporting students with their academic curriculum, developing self-advocacy skills, and adult daily living skills.

All decisions are made through the Committee on Special Education.

Resource Room (Academic Strategies)

Grading: Pass/Fail

Our academic strategies class is designed to support students enrolled in regular content area courses, who require the support of a Resource Room daily. This class is taught by a special education teacher and has a maximum ratio of five students to one teacher.

Objectives:

- to teach study skills and strategies
- to help improve organizational and time management skills
- to teach self-advocacy skills
- to provide specially designed instruction to target and progress monitor IEP goals

Integrated Co-Teaching (ICT)

Our integrated co-teaching program is designed for students who require additional support within their regular academic classes and outside of the classroom. Integrated co-teaching classes are taught by both a content area specialist and a special education teacher. The curriculum, reading materials, and assignments in an ICT class are the same as any other section of the course. Class size is also the same. Both teachers are available to support all students during class. A student enrolled in this model is also scheduled to attend a daily workshop class to work on study and organizational skills and pre-teach and reteach material with their special education teacher.

Special Class (15:1)

Students are recommended for special class academic classes at their CSE meetings. Curriculum, instruction, and assignments are modified/differentiated to address each student's learning needs. Students who attend these classes are on an academic track. The classes have a maximum of fifteen students and are structured to provide key concepts and ideas.

RMS Pathway To Independence (PTI) and Applied Behavior Analysis (ABA)

Our Pathway to Independence and ABA classes are self-contained, language-based, academic programs developed for students who require the essential elements of a modified curriculum. These programs help students achieve functional academic, social, pre-vocational, life skills, and adult daily living skills. Students are mainstreamed for elective classes when appropriate.



Extra-Curricular Program

Our varied after-school program for 6th, 7th and 8th grade students consists of intramural and interscholastic teams and clubs. All activities are supervised by staff members.

Participation in extracurricular activities is an integral part of a student's educational experience. However, involvement in our varied extracurricular activities should not negate academic responsibilities. All students must adhere to the District's Academic Eligibility Policy. The policy states that students may not fail more than one subject. Administrators, teachers, guidance counselors, coaches and advisors monitor all students' academic progress.

Interscholastic Athletics

The athletic program provides the opportunity for interested 7th and 8th grade students to compete with other middle schools in Nassau County. New York State guidelines do not permit 6th graders to participate in interscholastic athletics.

INTERSCHOLASTIC ATHLETIC SEASONS

Fall	Girls' Badminton, Boys' Cross Country, Girls' Cross Country, Boys' Soccer, Boys' Football, Girls' Soccer, Girls' Tennis
Winter I	Girls' Volleyball, Boys' Basketball, Girls' & Boys' Winter Track
Winter II	Girls' Basketball, Boys' Wrestling, Boys' Volleyball, Girls' & Boys' Bowling
Spring	Boys' Baseball, Boys' Lacrosse, Girls' Lacrosse, Girls' Softball, Boys' Tennis, Girls' Track & Field, Boys' Track & Field, Girls' Gymnastics

