

UNLEASH YOUR GIFTS AND TALENTS



SOUTH SEMINOLE
ACADEMY
OF
LEADERSHIP, LAW & ADVANCED STUDIES

Curriculum Guide **2019**
2020



Principal's Welcome



I continue to be honored and excited to be a member of the Hurricane Family.

As your principal, I look forward each day to strengthening the relationships that I have begun building with all of our wonderful students, families, teachers, and talented staff. While I have always eagerly anticipated the beginning of the school year, this August is particularly meaningful because it will mark the launch of **South Seminole Academy of Leadership, Law & Advanced Studies**. I embrace the opportunity to collaborate with you on a journey to continue serving the students and families of the South Seminole community.

We will continue our commitment to helping ALL leaders develop their intellectual capacity, academic skills, and social competence so that they will be prepared to effectively negotiate the demands associated with living in an ever-changing 21st century. Beyond the rigors of their academic program, it is our aim to instill within each student the essential principles of pride, respect, and responsibility so that they will become productive and contributing members of our increasingly global society.

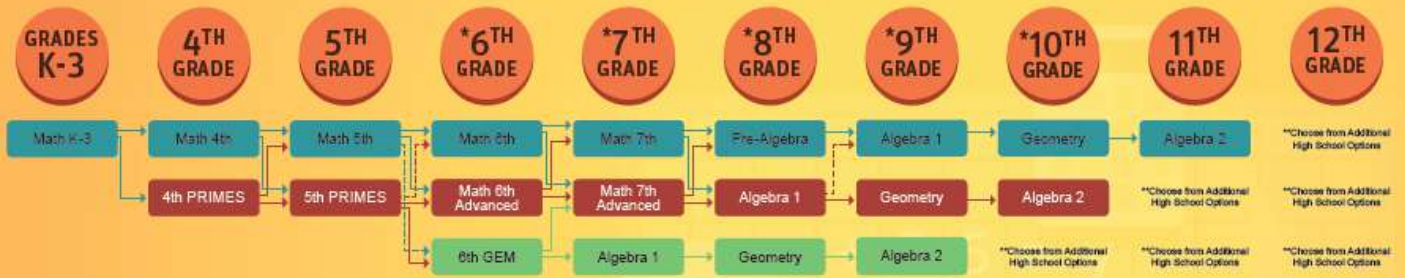
High expectations, which have been established by our qualified and dedicated staff, will be maintained while also providing a safe and nurturing student-centered community that fosters respect for individual differences. At SSA, we will strive to make the learning process a positive and rewarding experience while maintaining a desire to develop a generation of inquisitive young people who will become lifelong learners in their various pursuits of excellence. **Our leaders' mantra is to STORM... Strive for Success, Take Responsibility, Opt to Lead, Respect Others and Make Good Choices**

Dr. Mia Coleman- Baker

Principal, South Seminole Academy of Leadership, Law & Advanced Studies

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MATH PROGRESSION KINDERGARTEN THROUGH GRADE 12



----- Variations in course pathways available.

*Additional Math Support Courses

Additional math support courses are available for those students in grades 6-10 who need additional assistance.

**High School Options

Additional Courses	Advanced Placement	Dual Enrollment
Analysis of Functions	AP Calculus (AB)	College Algebra
Trigonometry	AP Calculus (BC)	Trigonometry
Probability and Statistics	AP Statistics	Differential Equations
Pre-Calculus		Calculus 3
Calculus Honors		
Math for College Readiness (MCR)		

NOTE: Math course options and prerequisites may vary based on location. Please check with your child's school for a complete list of additional math courses offered.

SCPS Pre-International Baccalaureate Preparatory Program Overview



The Seminole County Public School Pre-International Baccalaureate Program (SCPS Pre-IB Prep) provides a rigorous and extensive course of study in math, science, world language, social studies and language arts with an emphasis on independent study, in-depth learning, and accelerated curriculum requirements.

The program is specifically designed for highly motivated students and provides the opportunity to develop knowledge, creativity, and academic skills through participation in advanced studies. The SCPS Pre-IB Prep classes offer more in-depth study and rigor. Students are expected to perform at higher levels, continuously challenging themselves. Student motivation, commitment to hard work, and interest are important factors in a student's success. Therefore, it is possible for a less-prepared student with a support system that encourages academics to do well in these courses.

At South Seminole Academy, we encourage any and all students who want to challenge themselves academically to seriously consider entering the SCPS Pre-IB Prep Program.

A. ACADEMIC PERFORMANCE

Students participating in the SCPS Pre-International Baccalaureate Preparatory Program are expected to maintain a 3.0 G.P.A. for each nine-week grading period. If a student earns less than a 3.0 average on a nine-week grade report, a conference will be convened with parents, counselor, and the student's teachers to find ways to implement strategies to assist the student with his/her studies. Every effort will be made to support students in the successful completion of the program.

B. ATTENDANCE

Due to the high correlation between attendance and school success, the accelerated demands of the SCPS Pre-IB Preparatory Program make regular attendance vital.

C. APPROPRIATE BEHAVIOR

SCPS Pre-IB Preparatory students are required to follow middle school policies and rules as stated in the Seminole County Public Schools Student Conduct and Discipline Code.

Academic Course Descriptions



6th Grade

Seminole County Public Schools Pre-IB Prep Program

SCPS Pre-IB Prep Language Arts Grade 6 Year

The SCPS Pre-IB Prep language arts curriculum is advanced and accelerated. Sequential vocabulary development continues with emphasis on identifying those skills necessary for standardized tests. Poetry will be the focal genre. Students may be asked to create a portfolio that contains their own poems and their studies of poetry techniques and various poets' artistry, as well as a collection of their own writing. Writing coherent, more detailed paragraphs will continue as the essay is introduced. Students concentrate on grammar, usage and mechanics while writing and editing their own work. Reading for pleasure and information is essential to all areas of the language arts skills development; therefore, extra reading outside class is a requirement for this subject. Enrollment is open to any student. Some indicators of whether a student should take this course are FSA reading scores, previous Language Arts performance and/or teacher recommendation. Student motivation and interest are important factors in a student's success.

Advanced Mathematics 1 Grade 6 Year

All topics in Mathematics I are included in Mathematics I, Advanced. In addition, students will: Develop an understanding of and apply proportionality to solve problems involving percent's. Apply formulas to determine surface areas and volumes of three dimensional shapes including pyramids, prisms, cylinders and cones. Develop an understanding of operations involving integers and other rational numbers, as well as solving linear equations. Identify and plot ordered pairs in all four quadrants of the coordinate plane. After completion of this course, students may enroll in Grade 7 Mathematics Advanced. Enrollment in sixth grade advanced mathematics is open to any student. Some indicators of student success are FSA Mathematics and Reading scores and performance in previous mathematics courses. Student motivation, a commitment to hard work, and interest are important factors in a student's success.

GEM Math Grade 6 Year

Prerequisite: 5th Grade PRIMES is recommended
This rigorous course combines content from 6th, 7th and 8th grades in order to prepare students to be successful in Algebra I Honors in 7th grade. There is emphasis on strengthening and developing skills and concepts necessary for success in Algebra 1 or Algebra I Honors. This course is fast-paced and rigorous. Students who are successful in this program have the opportunity to be eligible for Geometry in the eighth grade.

SCPS Pre-IB Comprehensive Science Grade 6 Year

Beginning in the 2017-2018 school year, 6th graders will take a revised science course that has been designed to support understanding through big ideas in science. While still based on the Next Generation Sunshine State Standards for Science, this course will allow students to learn content across six interconnected units that will build throughout middle school. The major concepts covered during 6th grade Comprehensive will be: *Atoms and Molecules, Classification of Organisms, Ecosystems, Plate Tectonics, The Geosphere and Cryosphere, and Our Solar System*. The class will be supported by digital content as well as hands-on, cooperative, and literacy based activities. Students in Advanced and Gifted classes will be provided opportunities to dive deeper into the content and to make even more connections across science and with other disciplines.

SCPS Pre- IB Prep World History Grade 6 Year

The sixth grade social studies curriculum consists of the following content area strands: World History, Geography, Civics, and Economics. The primary content for this course pertains to the world's earliest civilizations through the ancient and classical civilizations of Africa, Asia, and Europe. Students will be exposed to the multiple dynamics of world history including economics, geography, politics, and religion/philosophy. Students will study methods of historical inquiry and primary and secondary historical documents. Some indicators of whether a student should take this course are FCAT reading scores, previous Language Arts performance and/or teacher recommendation. Student motivation and interest are important factors in a student's success.

Academic Course Descriptions



7th Grade

Traditional Coursework

Language Arts II

Grade 7

Year

The seventh grade language arts curriculum consists of literature, composition, grammar, spelling, and vocabulary. Reading skills will be reinforced through fiction, nonfiction, poetry, and drama with an emphasis on poetry. Students continue to build writing skills through expository and argumentative writing, literary response journals, and practice their oral communication skills through formal and informal speeches.

Advanced Language Arts II

Grade 7

Year

The advanced language arts curriculum in seventh grade is designed to be fast-paced for those students who are reading and writing at or above grade level. The curriculum consists of literature, composition, grammar, spelling, and vocabulary. Reading skills will be reinforced through fiction, nonfiction, poetry, and drama. A wide range of writing activities that emphasize critical thinking and analysis of a novel are included. Students practice their oral communication skills through formal and informal speeches.

Mathematics 2

Grade 7

Year

Students will develop an understanding of and apply proportionality, similarity, and formulas to determine surface areas and volumes of three dimensional shapes including pyramids, prisms, cylinders and cones. Develop an understanding of operations involving integers and other rational numbers, as well as solving linear equations. Identify and plot ordered pairs in all four quadrants of the coordinate plane and predict the results of transformations. Convert between customary and metric systems. Construct and analyze histograms, stem-and-leaf plots and circle graphs. Determine, compare and make predictions based on experimental and theoretical probability of independent and dependent events.

Advanced Mathematics 2 Pre-Algebra

Grade 7

Year

Prerequisite: 6th grade advanced math recommended

Students will develop an understanding of and apply proportionality, similarity, and formulas to determine surface areas and volumes of three dimensional shapes including pyramids, prisms, cylinders and cones. Identify and plot ordered pairs in all four quadrants of the coordinate plane and will predict the results of transformations. Determine, compare and make predictions based on experimental and theoretical probability of independent and dependent events. Construct and analyze histograms, stem-and-leaf plots and circle graphs. Analyze and represent linear functions and solve linear equations and systems of equations. Analyze two and three dimensional figures by using distance and angle relationships. Analyze and summarize data sets including box and whisker plots, scatter plots and lines of best fit.

Algebra I Honors 1 Weighted High School Credit

Grade 7

Year

Prerequisite: GEM

This course includes a rigorous, in-depth study of all of the topics included in Algebra I, as well as absolute value equations and inequalities, operations with rational expressions, solving rational equations and characteristics of quadratic graphs.

Comprehensive Science 2

Grade 7

Year

Beginning in the 2017-2018 school year, 6th graders will take a revised science course that has been designed to support understanding through big ideas in science. While still based on the Next Generation Sunshine State Standards for Science, this course will allow students to learn content across six interconnected units that will build throughout middle school. The major concepts covered during 6th grade Comprehensive will be: *Atoms and Molecules, Classification of Organisms, Ecosystems, Plate Tectonics, The Geosphere and Cryosphere, and Our Solar System*. The class will be supported by digital content as well as hands-on, cooperative, and literacy based activities.

Civics

Grade 7

Year

The seventh grade social studies curriculum consists of the following content area strands: Civics, Geography, and Economics. The primary content for the course pertains to the principles, functions, and organization of government; the origins of the American political system; the roles, rights, responsibilities of United States citizens; and methods of active participation in our political system. The course is embedded with strong geographic and economic components to support civic education instruction.

Academic Course Descriptions

7th Grade

Seminole County Public Schools Pre-IB Prep Program



SCPS Pre- IB Prep Language Arts

Grade 7

Year

Seventh grade SCPS Pre-IB Prep Language Arts is a multi-faceted, academically rigorous course of instruction. The curriculum includes activities and instruction to improve reading comprehension, writing skills, communication skills, advanced grammar usage and vocabulary. Students' writing portfolios include samples of creative, expository, narrative, poetry and drama formats. Genres studied are short story, drama, poetry, personal essay, biography and the novel. Novels selected for class study require literary analysis and application of critical thinking skills. Independent and group projects are assigned for each class novel study. Requirements include multimedia presentations, easy formatted exams, extemporaneous speeches, technical research, and independent study. Reading for pleasure and information is essential to all areas of the language arts skills development; therefore, extra reading outside class is a requirement for this subject.

Advanced Mathematics 2

Grade 7

Year

Prerequisite: 6th grade advanced math

Students will: Develop an understanding of and apply proportionality, similarity, and formulas to determine surface areas and volumes of three dimensional shapes including pyramids, prisms, cylinders and cones. Identify and plot ordered pairs in all four quadrants of the coordinate plane and will predict the results of transformations. Determine, compare and make predictions based on experimental and theoretical probability of independent and dependent events. Construct and analyze histograms, stem-and-leaf plots and circle graphs. Analyze and represent linear functions and solve linear equations and systems of equations. Analyze two and three dimensional figures by using distance and angle relationships. Analyze and summarize data sets including box and whisker plots, scatter plots and lines of best fit.

Algebra I Honors

Grade 7

Year

1 Weighted High School Credit

Prerequisite: 6th grade advanced math

This course includes a rigorous, in-depth study of all of the topics included in Algebra I, as well as absolute value equations and inequalities, operations with rational expressions, solving rational equations and characteristics of quadratic graphs.

SCPS Pre-IB Prep Comprehensive Sci 2

Grade 7

Year

Beginning in the 2017-2018 school year, 7th graders will take a revised science course that has been designed to support understanding through big ideas in science. While still based on the Next Generation Sunshine State Standards for Science, this course will allow students to learn content across six interconnected units that will build from the content covered in 6th grade and will be developed further in 8th grade. The major concepts covered during 7th grade Comprehensive will be: *Cell Structure and Function, Homeostasis in Cells, Heredity, Weathering and Erosion, The Hydrosphere and Atmosphere, and Stars and Galaxies*. The class will be supported by digital content as well as hands-on, cooperative, and literacy based activities. Students in Advanced and Gifted classes will be provided opportunities to dive deeper into the content and to make even more connections across science and with other disciplines.

SCPS Pre- IB Prep Civics

Grade 7

Year

The seventh grade social studies curriculum consists of the following content area strands: Civics, Geography, and Economics. The primary content for the course pertains to the principles, functions, and organization of government; the origins of the American political system; the roles, rights, responsibilities of United States citizens; and methods of active participation in our political system. The course is embedded with strong geographic and economic components to support civic education instruction.

Academic Course Descriptions



8th Grade

Traditional Coursework

Language Arts 3

Grade 8

Year

The eighth grade language arts curriculum consists of reading, composition, speech, media literacy, literature, and vocabulary development. Students will read a variety of genres (short stories, novels, drama, poetry, nonfiction) for content and meaning while practicing reading strategies. Students will enhance their writing skills through argumentative and informative/expository writing, producing a variety of finished products, including poems, summaries, reviews, and essays. Students will be expected to recognize occasion, audience, and purpose when speaking formally and informally.

Advanced Language Arts 3

Grade 8

Year

The advanced language arts curriculum in eighth grade is designed to move at a rigorous pace. Vocabulary is enhanced through analogies and writing usage. Students will read a variety of genres (short stories, novels, drama, poetry, nonfiction) for content and meaning while practicing reading strategies. Research will be conducted on the background of the poetry and literature to study, analyze, and interpret these works. Students will enhance their writing skills through argumentative and informative/expository writing, producing a variety of finished products, including poems, summaries, reviews, and essays. Essays will be critiqued based on criteria learned throughout the semester.

Mathematics 3- Pre-Algebra

Grade 8

Year

Students will analyze and represent linear functions and solve linear equations and systems of equations. Analyze two and three dimensional figures by using distance and angle relationships. Analyze and summarize data sets including box and whisker plots, scatter plots and lines of best fit. Compare, contrast and convert between customary and metric systems. Solve one and two step inequalities with one variable. Perform operations on real numbers using multi-step and real world problems.

Algebra I Honors 1 Weighted High School Credit

Grade 8

Year

Prerequisite: 7th grade advanced

This course includes a rigorous, in-depth study of all of the topics included in Algebra I, as well as absolute value equations and inequalities, operations with rational expressions, solving rational equations and characteristics of quadratic graphs.

Geometry Honors 1 Weighted High School Credit

Grade 8

Year

Prerequisite: Algebra I Honors

This course includes a rigorous, in-depth study of all of the practical applications of geometric skills and concepts in the real world, as well as, but not limited to, truth tables, vectors, Fibonacci sequence, coordinate geometry proofs, proofs involving circles and problems involving cross sections of solids.

Comprehensive Science 3

Grade 8

Year

A comprehensive science course that has been designed to support understanding through big ideas in science. Based on the Next Generation Sunshine State Standards for Science, this course will allow students to learn content across six interconnected units that will build from the content covered in 6th grade and 7th grades. The major concepts covered: *Rate of Change, Technology and Travel, All Spheres including Biosphere, Evolution, Organization of Organisms, Homeostasis in Humans*. The class will be supported by digital content as well as hands-on, cooperative, and literacy based activities. Students in Advanced and Gifted classes will be provided opportunities to dive deeper into the content and to make even more connections across science and with other disciplines.

United States History

Grade 8

Year

Primary content emphasis for this course pertains to the study of American history from the Exploration and Colonization period to the Reconstruction Period following the Civil War. Students will be exposed to the historical, geographic, political, economic, and sociological events which influenced the development of the United States and the resulting impact on world history.

United States History Advanced

Grade 8

Year

Primary content emphasis for this course pertains to the study of American history from the Exploration and Colonization period to the Reconstruction Period following the Civil War. Students will be exposed to the historical, geographic, political, economic, and sociological events which influenced the development of the United States and the resulting impact on world history. Advanced courses offer scaffolded learning opportunities for students to develop the critical skills of analysis, synthesis, and evaluation in a more rigorous and reflective academic setting. Students are empowered to perform at higher levels as they engage in the following: analyzing historical documents and supplementary readings, working in the context of thematically categorized information, becoming proficient in note-taking, emphasizing free-response and document-based writing, contrasting opposing viewpoints, solving problems, etc. Students will develop and demonstrate their skills through participation in an extended research-based paper/project (e.g., History Fair Project, participatory citizenship project, mock congressional hearing, or other teacher-directed projects). Note: This course is designed to prepare students for Honors and/or Advanced Social Studies course work in High School.

Academic Course Descriptions



8th Grade

Seminole County Public Schools Pre-IB Prep Program

SCPS Pre-IB Prep Language Arts Advanced

Grade 8

Year

Eighth grade SCPS Pre-IB Prep Language Arts emphasizes critical thinking and theme-based activities which include work in reading, listening, speaking, and writing. Emphasis is placed on interpretation and critical analysis. In literature and viewing, students consider the writer's or speaker's background including possible biases as part of their own growing ability to understand and interpret the written and spoken word. In writing, students move beyond formulaic models as they advance their writing skills. Students participate in formative assessments, both individually and as group members. Students will also complete an extended essay on a topic of their choice.

Algebra I Honors 1 Weighted High School Credit

Grade 8

Year

Prerequisite 7th grade advanced math

This Pre-IB Prep course includes a rigorous, in-depth study of all of the topics included in Algebra I, as well as absolute value equations and inequalities, operations with rational expressions, solving rational equations and characteristics of quadratic graphs

Geometry Honors 1 Weighted High School Credit

Grade 8

Year

Prerequisite: Algebra I Honors

This Pre-IB Prep course includes a rigorous, in-depth study of all of the practical applications of geometric skills and concepts in the real world, as well as, but not limited to, truth tables, vectors, Fibonacci sequence, coordinate geometry proofs, proofs involving circles and problems involving cross sections of solids.

SCPS Pre-IB Prep Comprehensive Science 3

Grade 8

Year

A comprehensive science course that has been designed to support understanding through big ideas in science. Based on the Next Generation Sunshine State Standards for Science, this course will allow students to learn content across six interconnected units that will build from the content covered in 6th grade and 7th grades. The major concepts covered: *Rate of Change, Technology and Travel, All Spheres including Biosphere, Evolution, Organization of Organisms, Homeostasis in Humans*. The class will be supported by digital content as well as hands-on, cooperative, and literacy based activities. Students in Advanced and Gifted classes will be provided opportunities to dive deeper into the content and to make even more connections across science and with other disciplines.

Environmental Science Honor 1 Weighted High School Credit

Grade 8 Year

This course is designed as an interdisciplinary course to provide students with scientific principles, concepts, and methodologies required to identify and analyze environmental problems and to evaluate risks and alternative solutions for resolving and/or preventing them. Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course.

SCPS Pre-IB Prep American History Advanced

Grade 8

Year

This course is designed for the highly motivated student who wishes to pursue the International Baccalaureate Program or Advanced Placement courses in high school. Students will explore the events of U.S. history using documents, images, cartoons and other primary sources along with secondary text. With a more rigorous focus on document based inquiry, the students will examine and analyze the political, economic, technological and social developments of the United States from the period of colonial settlement through Reconstruction. Florida's role in our nation's history will also be emphasized. Instruction will focus on students developing an understanding of themes in U.S. History including the impact of expansion, the development of conflicts, the influence of diverse groups on American culture and the impact of world events on American thinking. Instructional strategies that support the rigor, reading and writing of IB and Advanced Placement course work will be emphasized. These include: College Board reading strategies (APPARTS, OPTIC, SOAPStone, etc.); Structured note-taking, including Cornell notes; The DBQ Project, and analysis of significant historical documents, along with historical writing; Extended research based project (e.g. History Fair project, Mock Trial, etc). This course is specifically aimed at preparing students for International Baccalaureate or Advanced Placement Social Studies courses in High School.

SCPS Pre-IB Prep Spanish I 1 Weighted High School Credit

Grade 8

Year

The purpose of this course is to enable students to begin to acquire proficiency in Spanish through linguistic, communicative and cultural approaches to language learning. Reading and writing will be introduced and basic grammar structures explained. Students will be introduced to the culture and customs of various Spanish-speaking countries. This course is the same course that is taught in the Pre-IB program at Seminole High School. Students will earn high school credit upon successful completion of the course. This is a yearlong course. Students are required to successfully complete semester examinations at the end of each semester.



Elective Course Descriptions

American Sign Language 1 HS Credit

8th Grade

Year

American Sign Language 1 introduces students to the target language and its culture. The student will develop communicative skills in all 3 modes of communication and cross-cultural understanding. Emphasis is placed on proficient communication in the language with introductions to culture, connections, comparisons, and communities. Students will earn one high school credit upon completion.

Art 2D

6th-8th Grade

Semester

The purpose of this course is to enable students to develop fundamental art appreciation skills through production of two-dimensional works of art. Production activities may include drawing, painting, and printmaking.

Art 3D

6th-8th Grade

Semester

The purpose of this course is to enable students to develop fundamental art appreciation skills through the production of three-dimensional works of art. Production activities may include sketching, sculpting, and assemblage. Students will explore cultural arts across the globe through a variety of media. Artwork will be shared through a global exchange program.

Art- Forensic Art

7th-8th Grade

Semester

Prerequisite Art 2D/3D

Students will be introduced to police investigative tools and techniques during this “working” art class, as they discover how forensic drawing assists law enforcement in the apprehension of criminal suspects. Participants will learn the basic facial structure, as well as witness-victim interview techniques. The FBI facial identification catalogue will be utilized as students gain real life experience in completing a forensic drawing of a wanted subject. This course is designed to encourage a love of drawing, and develop an interest in police forensic art investigation. Guest speakers include active and retired police officers and investigators.

Beginning Band

6th- 8th Grade

Semester

No previous musical experience is required. Students will learn the basics of instrument fundamental, reading music and rhythmic notation, and independent musical performance. Students will have an opportunity to participate in various musical performances throughout the year. Instruments taught in Band are flute, oboe, bassoon, clarinet, saxophone, trumpet, French horn, trombone, baritone, tuba and orchestral percussion. **Performances are an integral part of the curriculum.**

Band 2 Concert

7th-8th Grade

Year

Teacher Approval required. This is a yearlong accelerated advanced-level instrumental class for students who have successfully completed at least one year of Beginning Band and/or Concert Band. Students will be given challenging opportunities to develop a higher level of musicianship and performance skills through the study of different levels of styles of band literature. Students will participate in concerts, Music Performance Assessment, and performance activities that enhance the school music program and school.

Band 3 Symphonic

7th-8th Grade

Year

Teacher Approval required. This is a yearlong accelerated advanced-level instrumental class for students who have successfully completed at least one year of Beginning Band and/or Concert Band. Students will be given challenging opportunities to develop a higher level of musicianship and performance skills through the study of different levels of styles of band literature. Students will participate in concerts, Music Performance Assessment, and performance activities that enhance the school music program and school.

Band- Jazz Ensemble

7th-8th Grade

Year

An audition is required for Jazz Band. The course explores the rhythmic and improvisational skills uses to perform jazz as well as the stylistic and historical understanding. The instrumentation for this jazz ensemble may consist of but not limited to trumpets, saxophones, trombones, bass guitar, guitar, drum set and keyboard. **Performances are an integral part of the curriculum.**

Chorus I Girls

6th- 8th Grade

Year

Female vocalists will learn the basics of vocal techniques and musical notation through singing and performing a variety of age appropriate choral music. No previous chorus or musical experience is required. **Performances outside of the school day are an integral part of the curriculum.**

Chorus- Male Storm

6th-8th Grade

Year

This course welcomes the male vocalists to the choral experience. A variety of music will be performed by studying vocal techniques and sight-singing. No previous chorus or musical experience is required, but male singers may take this class for multiple years. **Performances outside of the school day are an integral part of the curriculum.**

Chorus II Girls

7th-8th Grade

Year

Chorus II is an intermediate-level ensemble and is open to any students who have taken chorus for at least one year at the middle school level. Students will perform a variety of choral music while continuing to improve vocal and performance techniques and sight-singing. **Performances outside of the school day are an integral part of the curriculum.**



SSMS Show Chorus

7th-8th Grade

Year

SSMS Show Chorus is a small, advanced group consisting of 7th and 8th grade students. Students participating in this group will sing and perform both “standard choral music” and current popular music, along with some easy choreography, at many local events and celebrations. All members of this group must also be enrolled in another curricular chorus class. **Choral Director approval is required. Performances outside of the school day are an integral part of the curriculum.**

Dance 1

6th- 8th Grade

Semester

This course introduces students to the discipline of dance. Skills and techniques in one or more styles (ballet, jazz, social) will be presented. Basic terminology, choreography, cultural and historical dance connections, aesthetic and critical analysis of artistic performances and dance applications of life will be explored. Female students are required to wear a short sleeve black leotard and black tights. Boys are required to wear black shorts and the SSMS Physical Education shirt. After-school rehearsals and performances are required for one fall or one spring dance show.

Dance 2

7th- 8th Grade

Year

Prerequisite Dance 1/ teacher recommendation. This course provides students with opportunities to acquire knowledge and skill in two or more dance styles (ballet, hip-hop, jazz, lyrical, social). Content includes intermediate terminology, acquisition of technique and flexibility, movement sequences through combinations and routines, intermediate choreography, performance opportunities, cultural and historical dance connections, aesthetic and critical analysis of artistic performances and dance applications of life will be explored. Female students are required to wear a short sleeve black leotard /black tights. Students will need to obtain appropriate footwear (black jazz shoes). Afterschool rehearsals/ performances are required for one fall and one spring dance show. Other performance opportunities are optional.

Dance 3

8th Grade

Year

Prerequisite: Dance 2 or dance teacher recommendation. This course provides students with opportunities to acquire further knowledge and skill in two or more dance styles (ballet, lyrical, hip-hop, jazz, modern). Content includes terminology, acquisition of technique and flexibility, movement sequences through combinations and routines, student choreography, performance opportunities, cultural and historical dance connections, aesthetic and critical analysis of artistic performances and dance applications to life. Female students are required to wear a short sleeve black leotard, black tights, black dance shorts, and black jazz shoes. After-school rehearsals/performances are required for one fall and one spring dance show. Other performance opportunities are optional.

Emerging Leaders

7th Grade Required

Semester

This course provides an introduction to service –learning and civic responsibility. Academic, personal, and career skills needed for effective service-learning project implementation will be taught and applied through structured service projects that meet real school and/or community needs. Students will actively participate in meaningful service-learning experiences of at least 20 hours duration.

Global Entrepreneurship

8th Grade

Semester

The purpose of this course is to assist students in making informed decisions regarding their future academic and occupational goals and to provide information regarding careers in the Business Management and Administration Career Cluster. The content includes but is not limited to accounting, administrative support, digital publishing, entrepreneurship, national and international business, and management and software applications.

iConnect .5 HS Credit

6th- 8th Grade

Semester

How much do you know about technology? Discover how “Technology, like art, is a soaring exercise of the human imagination” (Daniel Bell). This semester, you will discover new possibilities and learn about technology applications and communication techniques through this innovative and interactive course. In addition, you will have the opportunity to “show off” your skills by producing a culminating activity that includes your favorite projects from the course and will be added to your ePortfolio! **This course provides an opportunity to earn two digital tools certificates. All Middle School students must complete either iConnect or iChallenge.**

iJourney: Pathway to Career Exploration

6th Grade Required

Semester

“There is no greater journey than the one that you must take to discover all of the mysteries that lie within you” (Michelle Sandlin). This is your chance to have the choice and freedom you've ALWAYS dreamed of to go wherever you want in life! On this journey you will get to explore yourself (hence the title "i" Journey), get to know your interests, and figure out where it is you want to go both in school and in life! You will discover the many educational pathways offered in Seminole County Public Schools that lead to careers and make a plan for your prosperous future. **This course provides an opportunity to earn one digital tool certificate.** Seventh and eighth grade students that did not take this course in 6th grade will be required to take it.

iChallenge

6th-8th Grade

Semester

Are you ready for your future? By the year 2020 there will be 1.4 million computing jobs and only 400,000 Computer Science students. With so many opportunities in Computer Science, choose iChallenge and learn about this growing field and how it will impact your future, regardless of the career you choose! This coding and gamebased course will allow you to earn a digital tool certificate and prepare you to take AP Computer Science Principles in high school. This class uses a combination of online learning, teacher instruction, and project based learning. You will have the ability to choose projects that excite you, with topics you want to learn more about relating to coding and Computer Science. “Coding is today’s language of creativity. All our children deserve a chance to become creators instead of consumers of computer science” (Maria Klawe). **This course provides an opportunity to earn one digital tool certificate. All Middle School students must complete either iConnect or iChallenge.**



iChallenge

6th-8th Grade

Year

By signing up for two semesters of iChallenge, you become an entrepreneur. You will take the culminating product created in semester 1 and learn how to market the product by designing and creating a website that sells your product. This class uses a combination of online learning, teacher instruction, and project based learning. Dig deeper into computer science through coding, game-based learning, and web development. Take this next step and see if your product can become a reality. "If you don't build your dream, someone will hire you to help build theirs" (Tony Gaskins). **This course provides an opportunity to earn one industry certification.**

JROTC

6th-8th Grade

Year

This year long class provides students an insight into what they will experience in a High School JROTC program. The course includes but is not limited to; military formations and accountability procedures, basic military skills including stationary and small unit drill and ceremony, uniform inspections, and physical training. Students will have the opportunity to compete against other middle school JROTC programs. This class is open to all grade levels.

Law & Order: Intro to Legal Studies

0.5 HS Credit

6th- 8th Grade

Semester

Students will dive deeper into the importance of laws and consider how their application affects us as individuals and communities. Through understanding the court system and how laws are actually enacted, students will learn to appreciate the large legal process and how it safeguards us all.

Law & Order: Criminal Justice

0.5 HS Credit

7th- 8th Grade

Semester

Criminal Justice is an introduction to the inner workings of the three significant criminal justice functions in the United States, Law Enforcement, Courts and Corrections. The course will give the students an overview of policing in America, the historical development of policing internationally and locally and the implementation of community based policing and criminal investigations.

Leaders for Life

6th Grade Required

Semester

Students will use the 7 Habits of Highly Effective Teens by Sean Covey as a step by step guide to help them improve their self-image, build friendships, resist peer pressure, achieve their goals, get along with others and more. Students will use study guide to develop life skills. Project based learning will be utilized.

Leadership Seminar

8th Grade

Semester

The mission of Leadership Seminar is to develop responsible student leaders. Seminar will allow students to exhibit skills they have learned during their educational experience in Leaders for Life and Emerging Leaders. Students will explore a real-life issue or problem in the context of how it impacts our community.

Lego Robotics

6th-8th Grade

Semester

LEGO® robotics uses LEGO®s as a fun tool to explore robotics, mechanical systems, electronics, and programming. This class is primarily a lab experience which provides students with resources to design, build, and program functional robots constructed from LEGO®s and a few other parts such as motors and sensors.

Music Innovation Lab

6th-8th Grade

Semester

This course provides students with the opportunity to exercise their creativity, collaboration, critical thinking, and communication skills. Students will learn how to use various apps and tools to create music, as well as instruction sheets for independent use. Students will create example products that will be hosted on a website and advertised via the use of QR codes and weblinks so that other students and staff can experience each other's creations.

Physical Education

6th- 8th Grade Required

Semester

The purpose of this course is to provide a foundation of knowledge, skills, and values necessary for the development of a physically active lifestyle. The course content provides exposure to a variety of movement opportunities and experiences

SCVS Virtual Class- Business Keyboarding

6th- 8th Grade

Semester

Using a special online library of software, students will gain typing speed while learning the proper technique to become a keyboarding master. Students will also learn business skills to prepare them for their future career. Student who pass the necessary assessments can **earn IC3 Digital Literacy certification.**

Note: This course will be held at SSMS during the school day.

Sociology

6th- 8th Grade

Semester

Students will study social behavior as it pertains to the justice system. They will analyze social behavior and study its origins, development, organization, and institutions in order to develop a body of knowledge about social order, social disorder, and social change.

Spanish 1 *1 HS Credit*

8th Grade

Year

The purpose of this course is to enable students to begin to acquire proficiency in Spanish through linguistic, communicative and cultural approaches to language learning. Reading and writing will be introduced and basic grammar structures explained. Students will be introduced to the culture and customs of various Spanish-speaking countries. Students will earn high school credit upon successful completion.

Street Law (Speech/Law Studies) *1.0 HS Credit*

8th Grade

Year

Prerequisite: Law & Order

Street Law teaches and fosters critical thinking and analytic skills, while reinforcing a common-sense approach to problem solving. Students will learn the foundations of our legal system and how those foundations continue to shape and guide our society today in a manner in which students can connect. Students will learn about some of the most famous and controversial legal cases in history and will have the opportunity to come to their own conclusions about the outcomes of those cases. Above all, students will develop and hone skills that will continue to serve them well beyond the classroom in an exciting and interactive environment. Students have the opportunity to receive a high school credit upon completion of the course.



TV Broadcasting

6th-8th Grade

Semester

This course will assist students in making informed decisions regarding future academic and occupational goals and provide information regarding careers in the Arts, A/V Technology and Communication career cluster. Content includes, but is not limited to, topics pertaining to the Visual Arts, Performing Arts, Journalism, Broadcasting industries, technology literacy; the importance of Arts and A/V technology; the role of science, math, reading, writing, history, and technology in the Arts and A/V; and digital media. Instruction and learning activities are provided in a laboratory setting using hands-on experiences with the equipment, materials and technology appropriate to the course content and in accordance with current practices.

World Languages 1

6th Grade

Semester

Required for Pre-IB students

Students will explore Arabic, Mandarin Chinese, Japanese and Hindi. Students will develop growing proficiency in the four skills of listening, speaking, reading and writing and gain an understanding of the structure of the languages. Students will also gain familiarity with and appreciation of the culture of the linguistic community.

World Languages 2

7th Grade

Semester

Students will explore Korean, Swedish, Russian, and Greek, while working to develop a growing proficiency in the four skills of listening, speaking, reading, and writing, and gain understanding of the structure of the language. Students will also gain a familiarity with and appreciation of the culture of the linguistic community.

World Languages 3

8th Grade

Semester

Students will explore French, German, Italian, and Latin. Students will develop growing proficiency in the four skills of listening, speaking, reading, and writing, and gain understanding of the structure of the language. Students will gain a familiarity with and appreciation of the culture of the linguistic community.

Application Only Electives – The following electives require a separate application and teacher selection.

Latinos in Action

6th-8th Grade

Year

Application Required, Teacher Selection

This program prepares Hispanic youth for academic success, post-secondary education, and successful careers. Latinos in Action (LIA) accomplishes its mission by delivering classes that focus on leadership, cultural heritage, service learning, and academic excellence. LIA engages Latino male and female students to improve themselves through education, leadership, and service. Student in LIA celebrate and honor the diverse cultures that contribute to their Latino heritage. Students have several opportunities for key leadership experiences and are engaged in learning by working with elementary school students on a weekly basis with reading skills and comprehension and planning several community service project throughout the school year.

Lighthouse

6th-8th Grade

Year

Application Required, Teacher Selection

Students are selected for this leadership opportunity. Students will be involved with every aspect of SSMS being a 7 Habits Sean Covey School of "Lighthouse " status. Students will be action team leaders and will participate in the SSMS Lighthouse website creation, promoting and advertising school events and activities, and campus beautification and improvement projects. Lighthouse students will also work on digital creations, seek to infuse the school culture with 7 Habits, and make global connections with other 7 habits schools around the world.

Peer Assistant

7th-8th Grade

Year

Application Required, Teacher Selection

Students in this course will help teachers by assisting students in the classroom with learning activities and/or leisure activities. Students may also be involved in engaging with students in appropriate social conversations and supporting as a peer buddy.

Peer Tutor

7th-8th Grade

Year

Application Required, Teacher Selection

Under the direct supervision of the classroom teacher, peer tutors provide instruction individually and in small groups.

SSN News

6th- 8th Grade

Year

Application Required, Teacher Selection

Prerequisite: TV Broadcasting. Students selected for this course will be the production team for the SSN morning news. They will air live daily news, record packages, run a news site, create school leadership projects and so much more.

Student Government

6th- 8th Grade

Year

Application Required, Teacher Selection

Students are elected and selected for this leadership opportunity. Incoming 6th graders must submit an application at the time of registration; includes a teacher recommendation. 7th and 8th grade students will participate in a school wide election for officer positions.

Yearbook

7th-8th Grade

Year

Application Required, Teacher Selection

This yearlong academic course is also a business in which students will actively conceptualize, design, edit, produce and market a product for the school community. Technology is part of the curriculum. Students will gain experience using computers as well as digital cameras. Students will collaborate with others in every aspect of producing a yearbook; writing, photography, design, advertising and sales. Students must be capable, reliable and able to meet deadlines. Students must be willing to follow all SSMS policies, including dress code.



Leadership Academies

Leadership Academies for 2019-2020

Please note that all academies are tentative based on availability and space. Please note that some leadership academies are "teacher selection only" which means that only students selected by the sponsor teacher will be placed in those leadership academies.

Aviation Leadership Academy: 99999MS0AV

Students in the Aviation Academy will explore concepts of aviation physics, various planes around the world, helicopter physics, and drone piloting.

Band Leadership Academy: 99999MS0BL

ONLY OPEN TO STUDENTS IN BAND OR STUDENTS THAT PLAY A MUSICAL INSTRUMENT. Band Leadership is a place where students who wish to further accelerate in band can grow. Whether through private instruction, peer tutoring, honors auditioning, library organizing, conducting, ensemble practicing, etc. there is something for each student to do outside the normal class that will benefit them and help them excel past classroom instruction. These students will be able to help lead their normal class periods when called upon by the director.

Baseball Academy: 99999MS0BB

At Baseball Academy, we spend time playing the game of Baseball as well as using leadership skills such as communication, integrity, honesty, and respect while educating others how to refine their skills and passion for the game.

Basketball Academy: 99999MS0BK

Players will be organized into teams, and learn skills to improve their game. Join Coach Hogan in the gym during club time and play some basketball.

National Beta Leadership Academy: 99999MS0BC

The motto of the National Beta Leadership Academy is "Let Us Lead by Serving Others". This motto, states the philosophy upon which the National Beta Club is based. Service to others is one of the most important characteristics of the Beta Club membership. Opportunities to serve are found in every school and community situation, whether large or small, suburban or rural.

Book Club Academy: 99999MS0BA

In this academy students will get to share, discuss, and analyze books from different genres with each other.

Brain Games Academy: 99999MS0BG

In this academy students will take part in playing different games. The games include Chess, checkers, Mancala, Boggle, Scrabble, and Connect 4.

Command & Staff Club (JROTC): 99999MS0JR

TEACHER SELECTION ONLY. The primary function of Command & Staff is to help the Senior Instructor (myself), Cadet Company Commander, and subordinates understand situational awareness in maintaining a functional JROTC Battalion.

Creative Ink: 99999MS0CI

This is a creative writing academy where students can share their work in a safe, nonjudgmental setting. The academy infuses the Six Traits of Writing and rhetorical devices through imaginative writing projects.

Dance Performance Academy: 99999MS0DR

TEACHER SELECTION ONLY. This academy provides students with in-depth dance instruction and opportunities for performance to further enhance and develop dance techniques. Content will include different styles of movement sequences through combinations and routines. Students will have the opportunity to represent their school with pride while showcasing the dance department. Afterschool rehearsals and performances are required.

**Digital News Academy: 99999MS0DN**

This academy is designed to inform our fellow students using our creativity, teamwork, computer skills and reporting knowledge to build a level of trust with the viewers of South Seminole News. The choices we make and the news stories that we present will affect those around us. Our fellow students, our school and our community will count on us to be fair and respectful with our reporting.

South Seminole News is taking part in the Voice from Warfare program where we will sit down with veterans for one on one interviews to preserve their story. The Veterans History Project is a very important resource for preserving the stories of the men and women that serve in our military. Our interviews will help add to the collection and our public knowledge of experiences of those who served. Students in our class will learn Adobe Photoshop and Abode Premiere edit systems.

French Academy: 99999MS0FC

In this academy students will explore some of the information covered in a French 1 course including language and culture.

Glee Academy: 99999MS0GL

Glee Academy is a musical group or choir group, which traditionally specializes in the singing of short songs, commercials, mini musicals created by students or adapted from other musicals, movies or TV shows. Students will be responsible for adapting and creating lyrics to songs, scenes, skits and mini musicals that relate to different topics concerning historical awareness, current events, school-wide activities and themes while determining what leadership skills and roles that are used in each aspect.

Guitar Academy: 99999MS0GA

Guitar academy is a place for students to learn to play the guitar, improve their playing ability and connect with other students through music. Acoustic, Electric, and Bass guitarists of all skill levels are welcome. Students do not need to own a guitar or be able to read music in order to participate.

Imagineering Academy: 99999MS0IM

Walt Disney Imagineering (WDI) is the creative force that imagines, designs and builds all Disney theme parks, resorts, attractions and cruise ships worldwide, along with overseeing the creative aspects of Disney's games, merchandise and publishing businesses. Imagineering's unique strength comes from its diverse global team of creative and technical professionals, who build on Disney's legacy of storytelling to pioneer new forms of entertainment. Students will be given the opportunity to explore the world of Disney through an Imagineering eye. They will reflect on their own strengths and research what it takes to be an imagineer. Students will be given a chance to showcase their talents and how they can become part of the Wonderful World of Disney

Life Management Academy: 99999MS00LM

Life Management Academy will prepare students for the minor, sometimes mundane activities, of daily adult life. Students will learn things like how to manage a budget, how to apply for a job, basic home and car maintenance, and other things we don't always think to teach our young adults. Preparing our students for what life throws at them will surely cushion the blow.

Math Counts Academy: 99999MS0MC

Math Counts is where students practice math skills and get a chance to compete in school, county, state, and national competitions. If students make it to national championships, they have the opportunity to earn scholarships.

Nutrition and Fitness Academy: 99999MS0NF

Improve your health and lifestyle! The Nutrition and Fitness Academy offers fun lessons where you will learn to prepare easy to make healthy snacks and fun fitness workouts, like: Zumba, Cardio, The art of Strength, Healthy mind and body. If you enjoy music and like the idea of learning how to make a delicious and nutritious end of day snack, this is the club for you!

Robotics Academy: 99999MS0RB

This leadership academy is focused on the Engineering and Design Process, or EDP. Academy students will design and build structures, complex machines (Rube Goldberg Machines), robots, bridges, towers, etc. Students may also be able to enter competitions.



Rock Academy: 99999MSORA

Teacher selection only. Students in this club will paint rocks with inspiring messages, adding “Casselberry Rocks” to the back of them. The academy facilitator will then post pictures on the social media page of the painted rocks including hints as to which park they will be hidden. Rocks will be tracked to see how far they go. This is a great way to connect with the community!

Secret Agents of Kindness Academy: 99999MSOSA

Students will participate in leadership activities. Each week we will determine a need in the community/school (ex: care packages, create cards for retirement homes) and complete an outreach project to spread kindness.

Sharpen the Saw Academy: 99999MSOSS

In this club we will participate in an activity of our choosing and take time to build relationships with each other. Activities include, but are not limited to: drawing, sudoku, watching movies, and playing card games.

Sign Language Academy: 99999MSOSL

Students in this academy will learn the basics of American Sign Language, have guest speakers, and possibly perform songs at some school functions.

Soccer Academy: 99999MSOSO

The Soccer Academy is designed to deliver action packed afternoons of fun, skills and games for all levels of ability. This program is a great way to introduce soccer, have fun, make new friends and improve your skills in a structured and safe coaching environment.

Softball Academy: 99999MSOSC

At Softball Academy, we spend time playing the game of Softball as well as using leadership skills such as communication, integrity, honesty, and respect while educating others how to refine their skills and passion for the game.

Sports Medicine Leadership Academy: 99999MSOSM

Certified Athletic Trainers work within the field of sports medicine alongside physicians, nutritionists, surgeons and other health care providers. More specifically athletic trainers care for injured athletes and stage/dance performers. Students will learn about the field of sports medicine and practice skills such as emergency care (CPR/AED/First Aid), injury evaluation, exercise/rehabilitation, and taping/wrapping techniques. Students could take these skills to apply to their high school student athletic training programs.

Star Wars Academy: 99999MSOSW

In Star Wars Leadership Academy, students will examine the many films, books, cartoons, and comic through an academic lens. We will be using resources like starwarsintheclassroom.com to connect issues that have taken place in the Star Wars universe to real world situations. For example, in an episode of Star Wars: Rebels, the main characters save a town of displaced citizens living in shambles. This situation is very reminiscent of the Hooverville’s of the 1930s in America. In addition to examining the academic possibilities of Star Wars, members will be able experience a safe, stress free environment where they can be themselves. This may include discussions on the variety of Star Wars related topics, or whatever else members feel they need to share and express. The class culture will be one of acceptance and humor, allowing members a reprieve from the stress of their week and be something any student can look forward to.

Strategy Academy: 99999MSOST

Strategy Academy is designed to foster good sportsmanship, collaboration, strategic thinking, and fair play. Students of the Strategy Academy compete with one another through the use of a variety of strategy based games. Students also work to help others learn to play, discuss strategic practices, and create tutorials for the general public.

Study Hall: 99999MSOS6 (6th grade), 99999MSOS7 (7th grade), 99999MSOS8 (8th grade)

This academy is dedicated to help students achieve “academic greatness” by giving them an extra minutes of quiet continuous study time to complete work from other classes. It is designed to provide students with a structured, scheduled study/working environment.



The Village- 9999MS0VI

South Seminole Middle School introduces the Village Mentoring Program for our 6th – 8th grade African American Male students. The purpose of this program is to narrow the academic achievement gap, while enhancing the leadership capacity in our young men. The program engulfs the premise that it takes a “village” to raise a child. The uniqueness of this mentoring program is that it utilizes a group and one on one mentoring model, consisting of mentors from our school and surrounding area communities. The program focuses on the 3 P’s: Priorities, Preparation, and Passion. Our Mentees will: Gain a positive self-identity and self-esteem; Set personal vision and goals; Acquire social and emotional skills; Exhibit moral character; Obtain academic success and work ethic.

Things that Go Up Academy: 9999MS0TG

Students in the Things That Go Up Leadership Academy will explore things that do just that. Go up. From balloons and slingshots, to rockets and airplanes, students will explore the properties of objects that launch, soar or fly, and will create objects that demonstrate these properties. NOTE: Students in this leadership academy will be expected to actively participate in all activities.

World Special Teas Academy: 9999MS0WT

In this academy students will learn the ways in which various cultures around the world participate in the ancient art of the Tea Ceremony. This leadership academy will offer students a chance to learn about the interconnectedness of the global human experience, meet and discuss traditions with people from around the world, and learn positive ways to interact with each other and with adults.