



2021-2022

CURRICULUM GUIDE



Markham Woods Middle School

Contact Information

6003 Markham Woods Road
Lake Mary, FL 32765
(407) 871-1750

Office Hours
8:15 am – 4:15 pm

Administration

Mrs. Linda Mumey - Principal

Mr. Chuck Bennett – Assistant Principal

Mr. John Miller – Assistant Principal

Ms. Cynthia Woods – Assistant Principal

Mrs. Mae Boza – Dean of Students

School Counselors

Mrs. Aileen McManus

Mr. Todd Simmons

Middle School – Student Progression Plan

1. **Middle School Instructional Program** – The Florida State Standards serve as the foundation of the middle school curriculum for Seminole County Public Schools. Student mastery of subject area content is monitored through teacher observation, assignment completion, and assessments.
2. **Florida State Assessment Program** – Middle school students are required to participate in the state’s accountability testing program.
3. **Core Academic Program Requirements** – Middle school students are required to receive 3 years of instruction in English Language Arts, Math, Science and Social Studies.
4. **Section 1003.455. Florida Statutes** – Requires the equivalent of one class period per day of physical education for one semester of each year for students in grades 6 through 8. The physical education requirement shall be waived for a student in grades kindergarten through grade 8 who meets one of the following criteria:
 - The student is enrolled or required to enroll in a remedial course.
 - The student’s parent indicates in writing each school year to the school that:
 1. The parent requests the student enroll in another course from among those offered as options by the school district, OR
 2. The student is participating in physical activities outside the school day which are equal to or in excess of the mandated requirement.
5. **Grouping for Instruction** – providing differentiated instruction for students at all levels is a best practice to meet their needs in mastering the Florida Sunshine State Standards. Instructionally sound strategies for grouping students will be used to enhance the academic achievement of all students.
6. **Advanced Classes** – Enrollment in advanced core academic classes is open to any student who wishes to take on the challenge of a more rigorous curriculum that prepares students for higher-level courses in high school. Advanced classes are offered in Math (6th, 7th, and 8th), English Language arts ((6th, 7th, and 8th), Science (6th, 7th, and 8th), Social Studies (6th, 7th, and 8th).
7. **High School Credit Courses** – Middle school students enrolled in a high school credit course may not drop the course or transfer into a lower-level course after the completion of the first nine-week grading period.
8. **Vertical Acceleration** – Students demonstrating highly exceptional academic capabilities may be enrolled in single above-grade level courses or be promoted to a grade level above their current placement. Parents must petition the principal for permission for vertical acceleration. The principal will use the criteria identified in the Student Progression Plan to determine if vertical acceleration is appropriate. These decisions are made on a case-by-case basis and the decision of the principal is final.
9. **Intensive Instructional Support** – Students who are not performing at grade level will be enrolled in intensive reading and/or intensive math classes. Principals may substitute an intensive class for any course on a student’s schedule. However, exploratory enrichment, and elective classes will be given first consideration for schedule changes for academic support classes.

10. Student Promotion – Middle grades students must earn a cumulative year-to-date 2.0 GPA on a 4.0 scale to be promoted. All courses taken in a school year, including courses taken for high school credit, shall be included in the calculation of the cumulative year-to-date GPA. Students who fail a core academic course that awards high school credit shall be promoted if they have a cumulative year-to-date GPA of 2.0 or greater. Students who do not have a GPA greater 2.0 shall be retained. Students who have met all promotion criteria shall be promoted, not assigned, or retained. Supplemental and intensive instructional support can be provided at the next grade level to students who did not demonstrate satisfactory performance.

*A copy of the complete Student Progression Plan is available on the SCPS website (<http://www.scps.k12.fl.us/>). A hard copy is also available at the school.

ADMISSIONS AND TRANSFERS

Admissions

The following policies for admission to Seminole County Public Schools are in effect for every student in Seminole County.

Upon initial enrollment or entry from one attendance zone to another in Seminole County Public Schools, evidence must be presented to the receiving school. All addresses are subject to verification by the School Board. The following documents shall be required:

A. Owned Residence

- a. copy of the recorded deed (or agreement for deed), or a certified copy of the declaration of homestead exemption, and
- b. a copy of a current electric bill or initial order for service; and
- c. one of the following current documents:
 - i. auto registration
 - ii. driver’s license
 - iii. voter’s registration
 - iv. Florida ID

B. Rented or Leased Residence

- a. copy of current lease, rental agreement, or a notarized letter from the landlord, and
- b. a copy of a current electric bill or initial order for service; and
- c. one of the following current documents:
 - i. auto registration
 - ii. driver’s license
 - iii. voter’s registration
 - iv. Florida ID

C. Non-primary owner or renter (families living with families): A verification of Residency Form must be completed by primary and non-primary owner or renter. This form is for one school year only.

D. Divorced Parents - ONE or more of the following documents: a certified copy of the final judgement of divorce, court custody/parenting plan, a court guardianship order, or other such documents establishing the right of custody.

E. Separated Parents - Notarized statement that the child actually lives in the home of the parent designated in the child’s school records as the residential parent or parent with whom the student resides.

ADMISSIONS AND TRANSFERS

Continued

First Time Enrollment to a State of Florida School

Before admitting a student to Florida schools for the first time, the school must have received several documents required by *Florida Statutes* as outlined below:

- a. A certificate showing a school-entry health examination performed within one year prior to enrollment.
- b. A valid HRS 680 Florida Certificate of Immunization (kindergarten through grade 12).

Enrollment to Seminole County Public Schools from Other Schools within the State

Before admission to Seminole County Public Schools from other Florida counties, a student must have a Florida Certificate of Immunization on file.

Transfers

- a. Any student who transfers from an in-state public or non-public school or out-of-state public or non-public school shall be admitted upon presentation of the following data:
 - i. an official letter or transcript from a proper school authority which shows a record of attendance, academic information (Transcripts, 504, ESOL, EP, IEP), and grade placement of the student;
 - ii. proof of immunization;
 - iii. proof of date of birth;
 - iv. proof of a medical examination completed within the last twelve months.
- b. When a student transfers into a Seminole County public school from a public or non-public school or from a home education program, it will be the responsibility of the principal to determine grade level placement.

Attendance

After an absence, immediately upon return to school but no later than two (2) school days following an absence, the student must provide the school with documentation indicating that one of the following has occurred if he/she wishes that absence(s) to be excused:

- Medical treatment by a licensed physician*
- Observance of a religious holiday when the parent has requested and obtained permission for the student's absence
- Law enforcement order or court subpoena
- Death of a family member
- Natural disaster
- Traffic accident directly involving the student
- Participation in an approved activity or class of instruction held at another site
- Prearranged absences of educational value with the principal's prior approval
- Extraordinary circumstances or situations approved by the principal

Parents/guardians of students are expected to provide an explanation of their child's absence(s) from school whenever such absences occur without the permission of the principal.

* It is understood that on every occasion of sickness, a student will **NOT** require medical attention by a licensed health care professional. Short term, non-chronic illnesses may be documented and explained via a signed parent note. In such circumstance, the student shall suffer no academic penalty, provided that all course work, examinations, etc. are made

up within a reasonable period of time. For continued absence due to illness, a doctor/health professional's note is required.

** A "reasonable period of time" to make-up work is defined as: At a minimum, the student shall have no less than the number of days he/she was absent plus one additional day to complete and submit make-up work for credit. Specific arrangements must be made with the student's teacher.

***A student who is absent is required to make up all course work missed, regardless of whether the absence is excused or unexcused. It is the student's responsibility to obtain assignments upon returning to class immediately following an absence.

School Counselor Information

Counselor Assignments:

Ms. Aileen McManus -6th-8th Grade Students with last name starting A-K.

Mr. Todd Simmons - 6th-8th Grade Students with last name starting L-Z.

GUIDANCE INFORMATION

Seminole County Public Schools middle school programs have been designed to meet the requirements of Title IX, which states, "No person in the United States shall, on the basis of sex, be denied the benefits of, or be subject to discrimination under any educational program or activity receiving federal assistance." Contact your student's counselor with any scheduling questions.

SCHEDULE CHANGE POLICY

Markham Woods Middle School utilizes the Seminole County Public School automated scheduler to establish student schedules. The automated scheduler is programmed to ensure equity and balanced class sizes. **Schedule changes will be made to correct misplacement; however, accommodations are NOT made to allow for parental preferences for teachers, lunches or friends. Schedule changes may not be possible because of state class size regulations.** Schedule-related problems should be discussed with the assigned guidance counselor.

GRADING POLICY

Upon completion of each nine-week grading period, a Report Card will be issued. Following is the grading system for Seminole County Public Schools, grades 6 – 8. The following is used to determine final grades only:

Letter Grade	Percentage Range	GPA Value	Definition
A	100-90	4	Outstanding Progress
B	89-80	3	Above Average Progress
C	79-70	2	Average Progress
D	69-60	1	Lowest Acceptable
F	59-0	0	Failing
I			Incomplete

Any middle school student enrolled in a high school credit course will be graded in accordance with high school grading policies. The grade earned will become part of the high school transcript.

STUDENT SUPPORT SERVICES

English for Speakers of Other Languages (ESOL)

The purpose of the ESOL program is to provide English instruction for students whose native language is not English. If a parent indicates on the student entry form that a language other than English is used most often in the home, the student will be given an English proficiency test in order to determine the eligibility for the program. Once entered in the program, students are placed on one of three levels. A student may remain in the program for as long as needed. Dismissal from the program is based on achieving a passing score on a required exit exam.

Exceptional Student Education (ESE)

Exceptional student support services are available for the exceptional student in order to fully meet his/her needs and expectations. All exceptional student support services require staffing eligibility as determined by a Student Study Team. Additional information on specific services or placement is available from the Guidance Office upon request. The following services are available at Markham Woods Middle School:

- Varying Exceptionalities
- Autism Spectrum Disorder
- Gifted Advanced courses available for Math, Language Arts, Science and Social Studies taught by a Gifted Endorsed teacher in grades 6, 7, and 8.
- Emotionally Behaviorally Disabled
- Speech and Language Therapy
- Specific Learning Disabilities
- Occupational Therapy
- Physical Therapy
- Other Health Impaired
- Itinerant Visually Impaired
- Deaf/Hard of Hearing

Gifted – Advanced courses available for Language Arts, Science and Social Studies taught by a Gifted Endorsed teacher in grades 6, 7, and 8. Multiple math courses are available to meet student needs.

Intensive Reading and Intensive Math

Students who do not meet the requirements for satisfactory performance in English language arts and/or math, shall be enrolled the following year in an accelerated reading and/or math support program. Middle grades students two or more years below grade level in English language arts and/or math, may be enrolled into a double block of reading, and a single block of math to accelerate foundational skills.

Academic Intervention Program (AIP)

AIP provides support for students identified by administration and guidance as being at-risk of not meeting the promotion requirements during the current academic year, as well as students who have demonstrated academic deficits or study skill deficiencies in specific courses. This program is designed to prevent end-of- year failures that ultimately result in retention.

Advanced Course Profile

Determining that you are ready to accept the challenge of advanced coursework is an important decision. If you are interested in taking advanced courses in ELA or Math, you should ask yourself if you fit the profile of students who typically do well in an advanced course.

An advanced student is someone who typically:

- Makes schoolwork a priority
- Is able to set aside time each night for schoolwork, including projects
- Is well organized and able to handle several tasks at once
- Will review and study for tests
- Has done well in advanced classes before
- Has a support system that is encouraging of academics
- Does not feel challenged
- Has Level 3 or higher test scores on the FSA

If this sounds like you, please consider taking these advanced courses:

Grade 6 – Advanced Math

Grade 6 – GEMS

Grade 7 – Advanced Math

Grade 7 – Algebra I Honors*

Grade 8 – Algebra I Honors*

Grade 8 – Geometry I Honors*

Grade 8 – Spanish 1*

Grade 6 – Advanced Language Arts

Grade 7 – Advanced Language Arts

Grade 8 – Advanced Language Arts

* Student will earn high school credit with successful completion of these courses.

** Middle school students enrolled in a high school credit course may not drop the course or transfer to a lower-level course after the completion of the first 9 weeks grading period.

Advanced courses are open for enrollment to any student who desires to “Self-Select” a more rigorous and challenging curriculum.

Advanced courses available for Language Arts, Science and Social Studies taught by a Gifted Endorsed teacher in grades 6, 7, and 8. Multiple math courses are available to meet each student’s needs.

VIRTUAL SCHOOL OFFERINGS

****For the 2021-22 school year SCPS will provide a full-time virtual instruction option to students in grades K-12 through Seminole County Virtual School. Enrollment will be open from April 5 to July 20, 2021. For more information, please see your certified school counselor or visit <http://virtualschool.scps.k12.fl.us>**

Seminole County Schools recognizes today's students learn in different ways, at different rates, and on different schedules. Our schools now offer the flexibility to accommodate today's students and families through a variety of educational pathways.

Due to the unique needs of the 21st Century learner, flexible schooling options are available to provide students with an optimal learning situation. Students have the opportunity to blend traditional face-to-face instruction with virtual courses. These different pathways to learning are called **ePathways**.

Through **ePathways**, students may select from a variety of course options that can be taken in a modern classroom setting or in a virtual environment.

Seminole County Virtual School offers full-time and part-time virtual education for students in grades 6-12. SCVS instruction is provided by SCPS teachers, and the curriculum/instructional plan for each course is provided by Florida Virtual School (FLVS).

Students may choose to take advantage of the variety of courses that are offered through Seminole County Virtual School. SCVS also offers full-time and part-time virtual education for students in grades 6-12. SCVS instruction is provided by SCPS teachers, and the curriculum/instructional plan for each course is provided by Florida Virtual School (FLVS).

SCVS Suggested Course Offerings by Grade Level

6TH GRADE

M/J Business Keyboarding
M/J Fitness (Grade 6)
M/J Critical Thinking, Problem Solving and Learning

7TH GRADE

M/J Business Keyboarding
M/J Fitness (Grades 7 & 8)
M/J Spanish Beginning and M/J Spanish Intermediate

8TH GRADE

M/J Business Keyboarding
M/J Fitness (Grades 7 & 8)
M/J Spanish Beginning and M/J Spanish Intermediate
Biology 1 Honors (High School Credit Course) Social Media (High School Credit Course)
Personal Fitness (High School Credit Course)
Fitness Lifestyle Design (High School Credit Course)

Mathematics

Mathematics I

Grade 6

Year

Prerequisite: None

- In this course, students will:
 - Develop and understanding of basic operations with whole numbers and continue in depth with decimals and fractions. Rate, ratio, proportion and percent are presented along with patterns and number sense. Integers and algebraic concepts are introduced.
 - Write, solve and graph one and two step equations and inequalities as well as use tables, graphs and equations to describe linear equations.
 - Explore the measurements of composite two dimensional figures and volumes of rectangular prisms. Determine and use measures of central tendency and variability to analyze data sets.

Mathematics I, Advanced

Grade 6

Year

Prerequisite: None

- All topics in M/J Mathematics I are included in M/J Mathematics I, Advanced. In addition, students will:
 - Develop an understanding of and apply proportionality to solve problems involving percentages. 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.

GEMS

Grade 6

Year

Prerequisite: 5th grade PRIMES (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. This course includes 4-6 chapters that students will learn independently on-line through a virtual component.

Mathematics 2

Grade 7

Year

Prerequisite: None

- In this course, 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.

Mathematics 2, Advanced

Grade 7

Year

Prerequisite: Mathematics I, Advanced

(Recommended) and/or level 3 or higher on the Math FSA.

- In this course, 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.

Pre-Algebra

Grade 8

Year

Prerequisite: None

- In this course, 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. Perform operations on real numbers using multistep and real-world problems.

Algebra I Honors

Grades 7-8

Year

High School Credit: 1

Prerequisite: Grade 6 – successful completion of GEMS (recommended)

Grade 7 – successful completion of Mathematics 2, Advanced (recommended), and/or level 3 or higher on the Math FSA

- 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. ***Students enrolled in this course must pass an End of Course, Exam (EOC) for high school credit.***

Geometry Honors

Grade 8

Year

High School Credit: 1

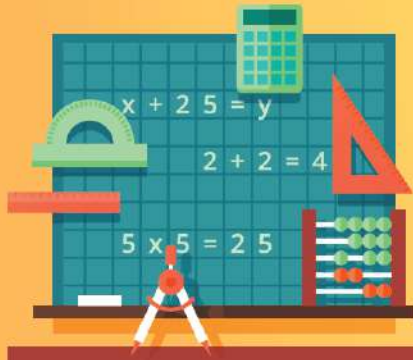
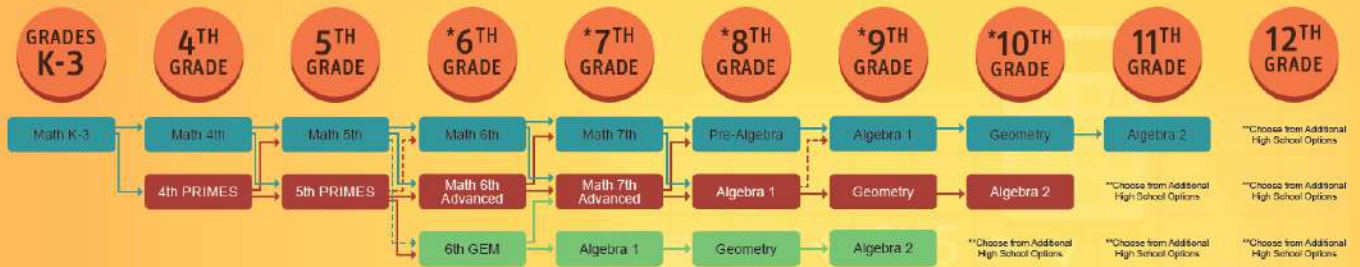
Prerequisite: Algebra I Honors

- 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. ***Students enrolled in this course must pass an End of Course, Exam (EOC) for high school credit.***



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

Analysis of Functions
Trigonometry
Probability and Statistics
Pre-Calculus
Calculus Honors
Math for College Readiness (MCR)

Advanced Placement

AP Calculus (AB)
AP Calculus (BC)
AP Statistics

Dual Enrollment

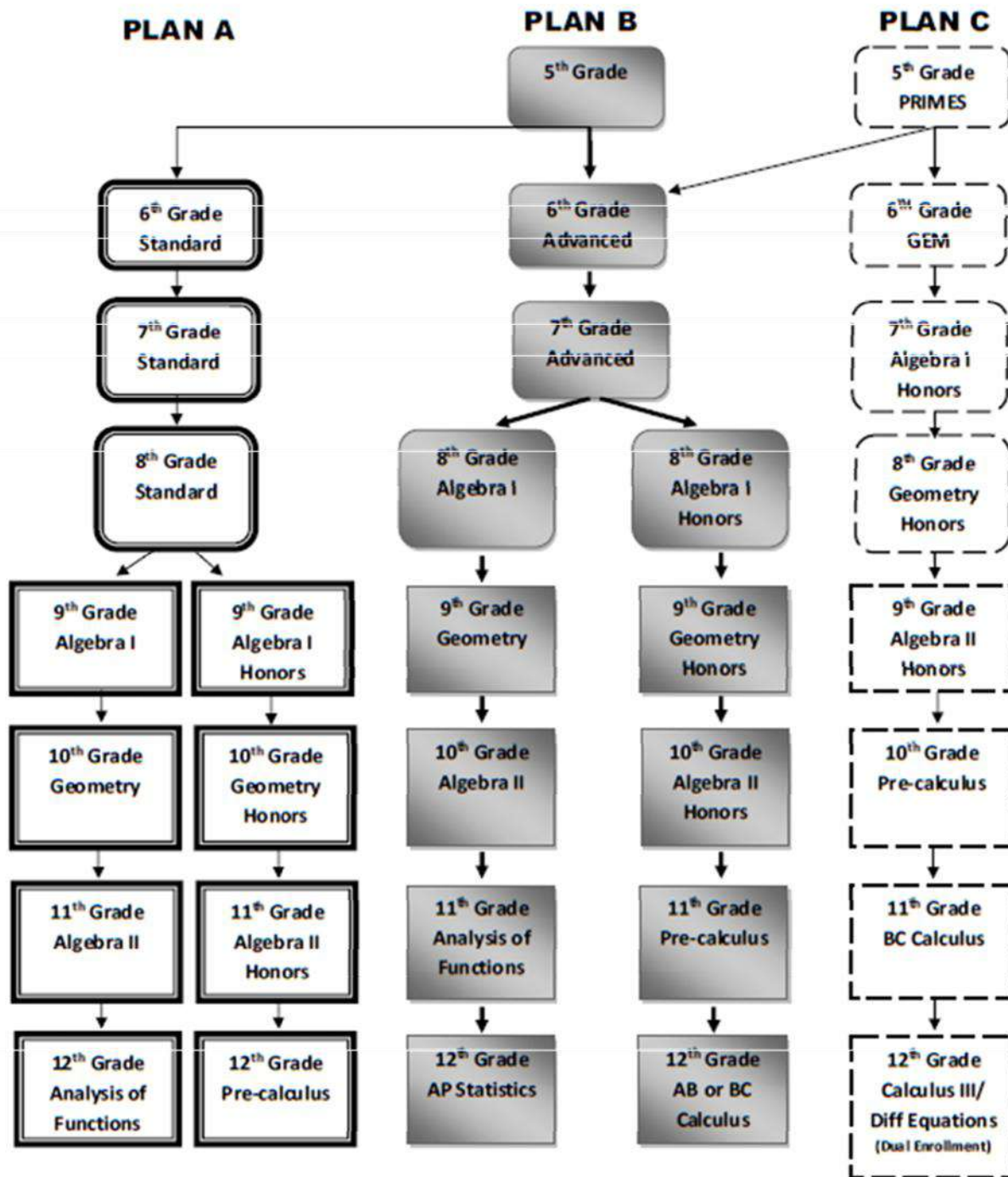
College Algebra
Trigonometry
Differential Equations
Calculus 3

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.

www.scps.us

**STUDENTS ARE REQUIRED TO SUCCESSFULLY
COMPLETE FOUR (4) MATH COURSES WHILE IN HIGH SCHOOL**

Secondary Mathematics Course Sequencing



If your child participated in Regular 5th grade math it is recommended they follow **Plan A** or **Plan B**.

If your child participated in the Primes math in 5th grade it is recommended they follow **Plan B** or **Plan C**.

Students taking a High School credit math course(s) in Middle School will still be required to take (4) math courses in High School.

All High School credit Math classes taken in Middle School will count as elective credits.

Students are required to complete 4 Math credits during their 9-12 High School Years.

Language Arts

Language Arts I

Grade 6

Year

- The sixth-grade language arts curriculum integrates the study of grammar usage, mechanics, spelling, vocabulary, public speaking, and literature. Reading skills will be reinforced through fiction, nonfiction, poetry, and drama. Students will enhance writing skills through expressive, narrative, and informative writing. Oral communication skills will be practiced through formal and informal speeches.

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. Students will be provided opportunities to dive deeper into the content and to make even more connections across language arts and with other disciplines.

Language Arts I, Advanced / Gifted

Grade 6

Year

- The advanced language arts curriculum in sixth grade is designed to be more rigorous for those students who are reading and writing at or above grade level, and who enjoy the many facets of language arts. An integral part of the curriculum is the utilization of a wide range of writing and sequential vocabulary development activities that emphasize reading of fiction and non-fiction. Students will be provided opportunities to dive deeper into the content and to make even more connections across language arts and with other disciplines.

Language Arts III

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 persuasive and 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.

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 persuasive writing, literary response journals, and practice their oral communication skills through formal and informal speeches.

Language Arts III, Advanced / Gifted

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 persuasive and 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. Opportunities for connections across language arts and other disciplines will be provided.

Language Arts II, Advanced / Gifted

Grade 7

Year

- The advanced language arts curriculum in seventh grade is designed to be more rigorous for those students who are reading and writing at or above grade level. The curriculum consists of literature,

Science

Comprehensive Science I, Advanced / Gifted

Grade 6

Year

This science course is designed to support understanding through big ideas in science. Students will 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 will be provided opportunities to dive deeper into the content and to make even more connections across science and with other disciplines.

Comprehensive Science II, Advanced / Gifted

Grade 7

Year

This science course has been designed to support understanding through big ideas in science. Students will 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 will be provided opportunities to dive deeper into the content and to make even more connections across science and with other disciplines.

Comprehensive Science III, Advanced / Gifted

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 will be provided opportunities to dive deeper into the content and to make even more connections across science and with other disciplines.

Social Studies

World History, Advanced / Gifted

Grade 6

Year

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 notetaking, participating in Socratic seminars/discussions, emphasizing free-response and document-based writing, contrasting opposing viewpoints, solving problems, etc. Students will develop and demonstrate their skills through participation in a capstone and/or extended research-based paper/project. Students will be provided opportunities to dive deeper into the content and to make even more connections across World History and with other disciplines.

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. 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 notetaking, 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).

Civics, Advanced / Gifted

Grade 7

Year

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. Students in Advanced and Gifted classes will be provided opportunities to dive deeper into the content and to make even more connections across Civics and with other disciplines. *A minimum of 30 % of a student's course grade shall be based on the statewide, standardized end-of-course exam.

United States History, Pre- Advanced Placement

Grade 8

Year

- This course is designed for the highly motivated student who wishes to pursue Advanced Placement courses in high school. With a more rigorous focus on document-based inquiry, students will examine and analyze the political, economic, technological and social developments of the US 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 US 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 Advanced Placement course work will be emphasized to include: College Board reading strategies (APPARTS, OPTIC, SOAPStone, etc.), Cornell notes, DBQ project, analysis of significant historical documents, and an extended research-based project such as History Fair and/or Mock Trial.

*** Students who earn a final grade of an A or B will be guaranteed enrollment in AP Human Geography in 9th grade.**

Electives

Beginning Band-Band I

Grades 6-8

Year

- 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.

Concert Band-Band II

Grades 7-8

Year

- Concert Band is open to students at an intermediate level of development. Students should be proficient in music reading, scales, tone production, and articulation. All of the basic techniques that were introduced in Beginning Band are further developed in Concert Band. Students will participate in Music Performance Assessments, by director's recommendation year-to-year. Greater emphasis is placed upon performing band music at an intermediate level. Students may have after school rehearsals when necessary for concert preparation. Performances are an integral part of the curriculum.

Placement in this class is by Director Recommendation and audition.

Symphonic Band-Band III

Grades 7-8

Year

- 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 Assessments, audition for the SCPS All-County Band, and performance activities that enhance the school music program and school.

Placement in this class is by director

recommendation and audition only. Performances are an integral part of the curriculum. Attendance at the annual Music Performance Assessment (MPA) is required.

Jazz Ensemble- Band IV

Grades 7-8

Year

- A placement 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. Students will study the three basic types of jazz: rock, swing and Latin. 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. Attendance at the annual Music Performance Assessment (MPA) is required.

Note: This course is by audition only.

Chorus I

Grade 6-8

Year

- Students will learn the basics of vocal techniques and musical notation through singing and performing a variety of age- appropriate choral music. No previous musical experience is required. **Performances are an integral part of the curriculum.**

Chorus II

Grades 7-8

Year

- Students will perform a challenging repertoire, while continuing to study vocal and performance techniques and sight-singing. *This is a mixed chorus.* **Performances are an integral part of the curriculum. Students are required to stay after school at various locations and require parental consent and transportation by parents. Placement in this class is by Director recommendation and audition.**

Chorus III

Grades 7-8

Year

- Students will perform a challenging repertoire, while continuing to study vocal and performance techniques and sight-singing. *This is a treble chorus. Performances are an integral part of the curriculum. Students are required to stay after school at various locations and require parental consent and transportation by parents. Placement in this class is by Director recommendation and audition.*

Exploring Two-Dimensional Art

Grades 6-7

Semester

- Students investigate a wide range of media and techniques, from both an historical and contemporary perspective, as they engage in the art making processes of creating two-dimensional works, which may include drawing, painting, printmaking, and/or collage. Student artists reflect on their own artwork and that of others through critical analysis to achieve artistic goals related to craftsmanship, technique, and 21st-century skills.

Exploring Three-Dimensional Art

Grades 7-8

Semester

- Students learn three-dimensional forms through the exploration of natural, abstract, and synthetic sculptural forms using materials that may include, but are not limited to, clay, plaster, and mixed media for creative expression. These student artists develop perceptual, creative, technical, and problem-solving skills in a sculptural context as they design and produce works of art with personal expression. Students focus on use of safety procedures for process, media, and techniques.

Advanced Art

Grades 7-8

Year

This course is designed for students who show strong interest and talent in visual art. Students that have completed Art 2D and Art 3D and would like the opportunity to further develop their technical skills should apply. Students will produce art with the goal of achieving a higher aesthetic and creative quality. Students will work on large scale collaborative projects such as murals and theater set design.

Drama I

Grades 6-8

Semester

- The purpose of this course is to enable students to develop fundamental knowledge and skills in the elements of theatre arts. Students will learn basics of theatre with an emphasis on acting. Major areas of interests are pantomime, monologues, improvisation, scene development, theatre history, and theatre appreciation.

Drama II

Grade 7-8

Semester

- This course is a continuation of Drama I and will teach students essentials of performing, directing, and criticism. Students will have several opportunities to perform.

Drama III

Grade 7-8

Year

- Students continue to build skills and knowledge as they explore aspects of theatre. Students explore theatre history, study the great American playwrights, examine the cultural and historical contributions to theatre, and improve their theatre knowledge and skills. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. **Note: This course is by application and audition only.**

Musical Theatre

Grades 6-8

Year

Students will explore the disciplines of basic acting, basic vocal performances, and staging by applying them to musical theatre. By actively participating in the creative process of preparing pieces for performance, students engage in critical thinking, interpersonal communication, and collaboration with peers. Students will also apply constructive feedback and self-reflection as vehicles to develop both culmination of specific instructional goals.

Creative Writing

Grades 6-8

Semester

- The purpose of this course is to enable students to develop and use fundamental writing and language skills for creative expression in a variety of literary forms. Emphasis will be on development of personal writing style. All students will be given the opportunity to develop their skills writing short stories and poetry.

Ecology (High School Credit)

Grade 8

Year

- This course will focus on the study of the interactions between organisms and their nonliving environment. This course provides a background in the fundamental principles of ecological science, including concepts of population and community ecology, biodiversity, natural selection, and sustainability. Students will use the scientific method when conducting outdoor labs.

Yearbook/Journalism 1

Grades 7-8

Year

This course will allow students to develop skills in writing, editing, rewriting, and proofreading in the construction of the school's yearbook. During the year, students will expand knowledge of computer technology through creating layouts for each page in the yearbook. It may be necessary for students to cover extra-curricular activities as a part of the requirements for this course. **Note: This course is by application only.**

Physical Fitness

Grade 6-7

Semester

Grades 7-8

Semester

Students participate in a variety of experiences that enhance sports skills, cardiovascular endurance, and overall fitness through a wide range of individual and team sports in physical education. Rules, relevant facts, and sportsmanship will be taught to students in these activities. Emphasis is placed on students enjoying physical activity and learning lifetime skills to maintain wellness, while in a safe and healthy environment.

Team Sports

Grades 6-8

Semester

The purpose of this course will be to help students build solid skills related to team sports. The two athletic disciplines studied and played will be basketball and flag football. Team sports are co-ed classes and meets the requirement for the mandated PE elective.

Dance

Grades 6-8

Semester

Students will learn basic rhythm, choreography, and movement related to dance. A focus will be placed on Hip Hop and contemporary trends. Dance is a co-ed class and meets the requirement for the mandated PE elective.

Beginning Spanish

Grades 7-8

Semester

The purpose of this course is to enable students to begin to acquire proficiency in Spanish through a linguistic, communicative, and cultural approach to language learning. Emphasis is placed on the development of listening, speaking, reading, and writing skills and on acquisition of the fundamentals of applied grammar. Cross-cultural understanding is fostered, and real-life applications are emphasized throughout the course.

Spanish I

Grade 8

Year

High School Credit: 1

This course is designed to emphasize speaking and listening skills with students' oral participation in the target language. Reading and writing are introduced, and basic grammar structures explained. Students will be introduced to the culture and customs of various Spanish speaking countries.

Introduction to Business Management, Marketing, and Career Planning

Grade 6-8

Semester

Students in this course will study business management and marketing. There will be a focus on leadership skills, collaborative practices, conflict resolution, and appropriate interactions. Current trends and issues that impact global and local business environments will be discussed.

Literacy through Film and Literature

Grade 7-8

Semester

Lights, camera, and.... your semester in film and literature begins. In this course students will study literacy and cinematic texts to enhance their literacy and critical thinking skills. Through viewing and analyzing film and considering film's relationship to literature, students will become aware of how media is constructed to influence our thoughts, perceptions, and emotions. Students will be able to understand how film works through unique elements and learn how directors use elements of literature to tell their stories.

Speech and Debate

Grade 7-8

Semester

The purpose of this course is to develop students' beginning awareness, understanding, and application of language arts as it applies to oral communication concepts and strategies in a variety of given settings. The content will include speech formats and public speaking techniques with a focus in debate. Debates will be on high interest topics that students will have researched, developed claims for, anticipated counter claims and created summative statements. Students will also develop the necessary skills to critique, analyze, and question speeches and debates delivered by others.

Advanced Robotics

Grade 7-8

Year

The purpose of this course is to provide students the opportunity to advance their mastery in the field of robotics while preparing for Regional, State, and National FIRST Robotics competitions. Students in this course are required to complete a project for either the SCPS Science and Engineering Fair or the Markham Innovation Showcase. At least three weekend competitions are required for this course.

BIOMECHATRONICS PROGRAM OF EXPLORATION COURSES:

Computational Thinking Introduction to Coding and Robotics

Grade 6

Semester

In this introductory class, 6th grade students will be introduced to the concepts, fluencies, and skills associated with Computational Thinking. Students will learn to do basic coding and expand on any previous coding skills. They will apply that knowledge to the use of robotics. This course is a pre-requisite for other classes in the Biomechatronics Program of Exploration.

Global Solutions and Innovations

Grade 6

Semester

In this course, 6th grade students will develop the mindset and fluencies for engineering, collaboration, and solution development. Students will be challenged with engineering projects and real-world problems to solve. Modules of the course focus on global awareness, collaboration, and the design process. This course is a pre-requisite for other classes in the Biomechatronics Program of Exploration.

CAD & 3D Printing

Grades 7-8

Semester

This course introduces 7th and 8th grade students to Computer-Assisted Design and the function and operation of 3D Printers. Students will learn to use Fusion 360, and AutoCAD software used by engineers, architects, and even animators. They will learn to create original models, as well as design for printing, master the skills associated with operating 3D printers, and see their own designs come to life.

Health: Anatomy and Physiology

Grade 7-8

Semester

This course is designed to provide an opportunity to investigate the human body, its structure, function, and how it reacts to external stimuli throughout everyday life and physical training. Students will learn the structure and function of the human body systems (muscular, skeletal, nervous, digestive, and respiration) and will engage in investigations to understand and explain the behavior of the human body in a variety of scenarios that incorporate scientific reasoning, analysis, and real-world applications. This class will serve as an excellent base of knowledge for students with interests in the following field: Biomechanics, Pre-Med, Health Career, Athletic Training, Physical Therapy, Personal Training and/or nutrition. This course will be a pre-requisite for the 8th grade Biomechanics Capstone in 2020.

Science Olympiad

Year

Grade 7-8

Students in this course participate in Invitational and Regional Science Olympiad competitions for which they prepare throughout the year. Each year, there are 23 different STEM related events, coming from fields including Aerospace Engineering, Health, Epidemiology, Zoology, Meteorology, and many more. Each student participates in 3 or 4 of these events. They conduct research and build engineering devices to then compete at multiple levels. At least two weekend competitions are required for this course. This is a limited enrollment course that requires an application.

Biomechanics Capstone

Grade 8

Year

In this capstone course, students who have completed the other courses in the BMT Program of Explorations, will apply their knowledge to the integration of biological, mechanical, and electronic systems. Students will learn the current status of the field of Biomechanics, career options, ethics of Biomechanical research and development and the biomechanical design process. Students in this course are required to complete a project for either

the SCPS Science and Engineering Fair or the Markham Innovation Showcase. Pre-requisite: Either Computational Thinking or Health: Anatomy and Physiology. This is a limited enrollment course that requires an application.

STEM Mentors

Semester

Grade 8

Students selected to be STEM mentors will be scheduled in the same section as either Computational Thinking or Global Solutions and Innovations and serve as a student assistant. They will be responsible for mentoring students and assisting with project set up, execution, and clean up. Once each quarter, these students will be responsible for planning and implementing a project for the 6th grade students. This is a limited enrollment course that requires an application.

Applied Programming

Grades 7-8

Semester

This course for 7th and 8th grade students builds upon the skills and knowledge learned in computational thinking, taking students further in their mastery of the relationships between programming for software, app development, hardware, and robotics. Students will develop a deeper understanding of computer sciences, as well as their applications.

CAREER & TECHNICAL EDUCATION

iChallenge

Grade 6

Semester

This coding and game-based course will allow students to earn a digital tool certificate and prepare for future technology courses including AP Computer Science. This class uses a combination of online learning, teacher instruction, and project-based learning. Students will have the ability to choose projects that excite them, with topics they want to learn more about relating to coding and Computer Science. **This course provides an opportunity to earn one digital tool certificate.** *Required elective for 6th grade.

iJourney

Grade 7

Semester

In this course, students will explore their interests and figure out where it is you want to go both in school and in life and develop an ePortfolio. Students will discover the many educational pathways offerings in Seminole County Public Schools that lead to careers and make a plan for a prosperous future. ***iJourney fulfills the state required Career & Education Planning component.*** This course provides an opportunity to earn one digital tool certificate. *Required elective for 7th grade.

iConnect

Grade 8

Semester

High School Credit: .5

Students will discover new possibilities and learn about technology applications and communication techniques through this innovative and interactive course. In addition, students will have the opportunity to show off their skills by producing a culminating activity that includes students' favorite projects from the course to add to their ePortfolio. ***iConnect is for high school credit and satisfies the .5 virtual credit graduation requirement.*** This course provides an opportunity to earn two digital tool certificates. *Required elective for 8th grade.

EXTRACURRICULAR ACTIVITIES

INTRAMURAL SPORTS

- Markham Woods Middle School offers a variety of intramural programs during the school year. The program may run before or after school depending on need. An effort is made to provide a companion program with our interscholastic sports program so that students who do not make one of the competitive teams can participate in an intramural program and no try-outs are necessary.

COMPETITIVE/INTERSCHOLASTIC SPORTS

- Markham Woods Middle School offers its students an interscholastic competitive athletic program. Students are required to obtain/pass a physical examination and provide proof of insurance before participating.
- **Team members are required to pay a participation fee.** The participation fee helps to cover expenses incurred from coach's salaries, supplies, referees, and travel. Students will not be excluded from play due to inability to pay the fee. Once students become 16 years-old they can no longer participate in middle school sports. Junior Varsity participants may only be 6th or 7th grade students and once a JV student becomes 15 years old, they are no longer eligible to participate.
- **All student interscholastic sports participants MUST have a 2.0 GPA or greater on their most recent report card to try out for a team. If a student falls below a 2.0 GPA on their progress report, they are placed on probation and monitored by their coach to ensure that their grades improve. If a student falls below a 2.0 GPA on the next report card, they will be removed from the team.** All participants are under the requirements of the District Citizenship Policy.

INTERSCHOLASTIC SPORTS INCLUDE:

- Volleyball
- Cross Country
- Basketball
- Track and Field

The following clubs are offered and are subject to change based on student/teacher interest and needs:

- NJHS
- Chess
- Gamers
- Social
- Math
- Step
- Cheerleading
- Art

NOTES