



2022-2023

CURRICULUM GUIDE



Markham Woods Middle School

Contact Information

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

Office Hours
8:30 am – 4:00 pm

Administration

Dr. Craig Johnson - Principal

Mr. Peter Barberino – Assistant Principal

Dr. Eric Basilo – Assistant Principal

Ms. Yvonne Bradley – Assistant Principal

Ms. Mallory Harris – Dean of Students 8th Grade & ESE

Ms. Allyson Brown – Dean of Students 6th & 7th Grade

School Counselor

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:
 - a. The student is enrolled or required to enroll in a remedial course.
 - b. The student’s parent indicates in writing each school year to the school that:
 - i. The parent requests the student enroll in another course from among those offered as options by the school district, OR
 - ii. 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. Students who choose to enroll in advanced classes must commit, in writing, to doing the additional tasks and assignments associated with the more intensive curriculum. Advanced classes are offered in math (6th, 7th, and 8th), English language arts (6th, 7th, and 8th), science (6th, 7th, and 8th), and social studies (6th, 7th, and 8th). **Students who commit to taking an advanced level course must remain enrolled in that course for at least the first nine-week grading period.**
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 than 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

ADMISSION

Any child who has been promoted or assigned to grades 6, 7, or 8 will be admitted to middle school.

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

- **Owned Residence** - A copy of the recorded deed (or agreement for the deed), or a certified copy of declaration of homestead exemption. If these documents are unavailable, schools may accept **TWO** of the following documents: utility bill, auto registration, driver's license, or voter registration as proof that the parent(s) owns and lives at the residence.
- **Rented or Leased Residence** - A copy of lease, rental agreement or notarized letter from the landlord.
- **Divorced Parents** - A certified copy of the final judgment of divorce, court custody order, a court guardianship order, or other such documents establishing the right of custody.
- **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.
- **Students Not Residing with Parents** – A notarized 893 form must be completed by primary and non-primary owner or renter. Per Student Progression Plan, please include a notarized Statement of Reason from the parent(s) stating the extenuating circumstances, which, by ordinary and reasonable standards, precludes the parent(s) from actually caring for the student.

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.

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

TRANSFERS

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:

1. An official letter or transcript from a proper school authority which shows a record of attendance, academic information, and grade placement of the student.
2. Proof of immunization.
3. Proof of date of birth.
4. Proof of a medical examination completed within the last twelve months.

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
- Law enforcement order or court subpoena
- Death of a family member
- Natural disaster
- Traffic accident directly involving student
- Extraordinary circumstances or situations, pre-arranged and with Principal permission

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 circumstances, 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.

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 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	RANGE POINTS
A	90 – 100 (4)
B	80 – 89 (3)
C	70 – 79 (2)
D	60 – 69 (1)
F	59 and below (0)
W	Withdrawal
I	Incomplete

Any middle school student enrolled in an honors high school credit course will earn a weighted middle school GPA for that course that will also be weighted on 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 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 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.

Autistic Spectrum Disorder (ASD)	Deaf/Hard of Hearing	Emotionally/Behaviorally Disabled (EBD)
Occupational Therapy	Physical Therapy	Specific Learning Disabilities (SLD)
Speech and Language Therapy	Visually Impaired	Varied Exceptionalities (VE)

Gifted – Advanced courses available for Math, Language Arts, Science and Social Studies taught by a Gifted Endorsed teacher in grades 6, 7, and 8.

Intensive Reading and Intensive Math

Students who do not meet the requirements for satisfactory performance in English language arts and/or math, may 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.

VIRTUAL SCHOOL OFFERINGS

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.

Students may choose to take advantage of the variety of courses that are offered through Seminole County Virtual School. For each course taken, students will be assigned to a computer lab for a period as part of the regular school day. It is recommended that a student start by taking only one virtual course at a time but can take up to three courses at a time while remaining a Markham Woods student.

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

1205010

Grade 6

Year

Prerequisite: None

- In this course, students will: Develop an understanding of and fluency with multiplication and division of fractions and decimals, ratios, rates, estimation, equivalent forms for decimals, fractions, and percentages. 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 2

1205040

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.

Accelerated Mathematics Grade 6

1205020

Grade 6

Year

Prerequisite: None

- All topics in M/J Mathematics I are included in M/J Mathematics I, Accelerated. 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.

Accelerated Mathematics Grade 7

1205050

Grade 7

Year

Prerequisite: Mathematics I, Accelerated (Recommended)

- 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.

GEMS

1205020G

Grade 6

Year

Prerequisite: 5th grade PRIMES

- This rigorous course combines content from 6th, 7th, and 8th grades 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.

Pre-Algebra **1205070**
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 **1200320M**
Grades 7-8 **Year**

High School Credit: 1

Prerequisite: **Grade 6** – successful completion of GEMS (recommended) **or, Grade 7** – successful completion of Mathematics 2, Accelerated (recommended)

- 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) to receive high school credit.

Geometry Honors **1206320M**
Grade 8 **Year**

High School Credit: 1

Prerequisite: Algebra I or Algebra I Honors

- This course includes a rigorous, in-depth study of all 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) to receive high school credit.

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

Standard/Honors

9	10	11	12
Algebra 1/Honors	Geometry/Honors	Algebra 2/Honors	Algebra 2/Honors
		Math for College Liberal Arts	Precalculus Honors
		Math for Data and Financial Literacy/Honors	Math for College Liberal Arts
		Math for College Algebra	Math for Data and Financial Literacy/Honors
		Probability and Statistics Honors	Math for College Algebra
			Probability and Statistics Honors

Honors/Advanced Placement

9	10	11	12
Geometry/Honors	Algebra 2/Honors	AP Statistics	AP Statistics
Algebra 2/Honors	Precalculus Honors	AP Calculus AB	AP Calculus AB
	Math for Data and Financial Literacy/Honors	Precalculus Honors	AP Calculus BC
	Probability and Statistics Honors	Math for Data and Financial Literacy/Honors	Precalculus Honors
		Probability and Statistics Honors	Math for Data and Financial Literacy/Honors
			Probability and Statistics Honors

Note: Students' individual math course pathways should be determined by their college and career goals.

Language Arts

Language Arts I

1001010

Grade 6

Year

- The 6th grade 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.

Language Arts I, Advanced / Gifted

1001020/L

Grade 6

Year

- The advanced curriculum in 6th grade is designed to be fast paced 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 in Advanced and Gifted classes 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 II

1001040

Grade 7

Year

- The 7th grade 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 II, Advanced / Gifted

1001050/L

Grade 7

Year

- The advanced curriculum in 7th 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. Students in Advanced and Gifted classes 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

1001070

Grade 8

Year

- The 8th grade 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 III, Advanced / Gifted

1001080/L

Grade 8

Year

- The advanced curriculum in 8th 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 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. Advanced and Gifted classes will be provided opportunities to dive deeper into the content and to make even more connections across language arts and with other disciplines.

Science

Comprehensive Science I, Advanced **2002050**
Grade 6 **Year**

- A comprehensive science course that has been designed to support understanding through big ideas in science. Based on the 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: 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.

Comprehensive Science II, Advanced **2002080**
Grade 7 **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 will be developed further in 8th grade. The major concepts covered: 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.

Comprehensive Science I, Gifted **2002050L**
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 in Gifted classes 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, Gifted **2002080L**
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 in Gifted classes 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 2109020 Grade 6 Year

- The primary focus for this course pertains to the world's earliest civilizations to 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.

World History, Gifted 2109020L 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 in Gifted classes will be provided opportunities to dive deeper into the content and to make even more connections across World History and with other disciplines.

Civics, Advanced 2106020 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. ***A minimum of 30% of a student's course grade shall be based on the statewide, standardized end-of-course exam.**

Civics, Gifted 2106020L 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, Advanced **2100020**
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).

U. S. History, Pre-Advanced Placement **2100020P**
Grade 8 **Year**

- This course is designed for highly motivated students who wish 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	1302000 Year	Jazz Ensemble - Band IV Grades 7-8	1302110 Year
<ul style="list-style-type: none">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. <u>Performances are an integral part of the curriculum.</u>		This course is by audition only. <ul style="list-style-type: none">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. <u>Performances are an integral part of the curriculum. Attendance at the annual Music Performance Assessment (MPA) is required.</u>	
Concert Band-Band II Grades 7-8	1302010 Year	Chorus I Grade 6-8	1303000 Year
This course is by audition only. <ul style="list-style-type: none">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 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. <u>Students may have after-school rehearsals when necessary for concert preparation. Performances are an integral part of the curriculum.</u>		<ul style="list-style-type: none">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. <u>Performances at various locations are an integral part of the curriculum. Students are required to stay after school and require parental consent and transportation by parents.</u>	
Symphonic Band-Band III Grades 7-8	1302020 Year	Chorus II Grades 7-8	1303010 Year
<ul style="list-style-type: none">This is an 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. Note: This course is by audition only. <u>Performances are an integral part of the curriculum. Attendance at the annual Music Performance Assessment (MPA) is required.</u>		This course is by audition only. <ul style="list-style-type: none">Students will perform a challenging repertoire, while continuing to study vocal and performance techniques and sight-singing. <i>This is a mixed chorus.</i> <u>Performances at various locations are an integral part of the curriculum. Students are required to stay after school and require parental consent and transportation by parents.</u>	
		Chorus III Grades 7-8	1303020 Year
		This course is by audition only. <ul style="list-style-type: none">Students will perform a challenging repertoire, while continuing to study vocal and performance techniques and sight-singing. <i>This is a treble chorus.</i> <u>Performances at various locations are an integral part of the curriculum. Students are required to stay after school and require parental consent and transportation by parents.</u>	

Exploring Two-Dimensional Art **0101010**
Grades 6-8 **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 **0101040**
Grades 6-8 **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.

Visual Art 1 **0101100**
Grades 7-8 **Year**

This course is by application only.

- 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.

Musical Theater **0400030**
Grades 6-8 **Semester**

- 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.

Drama I **0400000**
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. Before/after school rehearsals may be required.

Drama II **0400010**
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. Before or after school rehearsals and after school performances may be required.

Drama III **0400020**
Grade 7-8 **Year**

This course is by application and audition only.

- 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.

Creative Writing **1009025**
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. Students will be given the opportunity to develop their skills writing short stories and poetry.

Speech and Debate Grade 7-8	1007000 Semester	Beginning Spanish Grades 7-8	0708000 Semester
<ul style="list-style-type: none"> 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 focusing on debate. Debates will be on high interest topics students will have researched, developed claims, anticipated counter claims and created summative statements. They will also develop necessary skills to critique, analyze, and question speeches and debates delivered by others. 		<ul style="list-style-type: none"> 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. 	
Yearbook/Journalism 1 Grades 7-8	1006000EY Year	Spanish I Grade 8 High School Credit: 1	0708340 Year
<p>This course is by application only.</p> <ul style="list-style-type: none"> Students will 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. <u>It may be necessary for students to cover extra-curricular activities as a part of the requirements for this course.</u> 		<ul style="list-style-type: none"> 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. 	
Physical Education Grade 6-8	1508060/70 Semester	Literacy through Film and Literature Grade 7-8	1700000F Semester
<ul style="list-style-type: none"> 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. 		<ul style="list-style-type: none"> 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 understand how film works through unique elements and learn how directors use elements of literature to tell the stories. 	
Intro to Dance Grades 6-8	0300000 Semester	TV Production Grade 8	8260500 Semester
<ul style="list-style-type: none"> 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 PE elective. 		<ul style="list-style-type: none"> Video Production I is designed to introduce students to television production techniques. The course will include television history, script writing and interviewing techniques. Students will be introduced to production roles, basic equipment use and basic editing techniques. 	

Ecology **2000380M**
Grade 8 **Year**

High School Credit: 1

- 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.

Science Olympiad **1700000SO**
Grade 7-8 **Year**

This course is by application only.

- 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.

Student Government **2104010E3**
Grades 8 **Year**

This course is by application only.

- Student Government is focused on developing leadership capacity, with an understanding that failures are part of learning and growth. The longer a student has been in Student Government, the greater the expectation they manage things on their own and pull through in the end.



**iChallenge – Gaming Essentials
Grade 6**

**9009200
Semester**

- Students in the iChallenge 1 Computer Science blended course learn coding basics and gaming essentials. They experience team building collaborative experiences and project based learning as they create their own games. They will showcase their final cumulative project after peer review, feedback and revision. **This course provides an opportunity to earn up to two digital tool certificates.** *Required elective for 6th grade.

**iConnect – Your Pathway to Technology and
Communication**

**8200520
Semester**

- Students in the iConnect blended course learn technology applications and computer hardware and software. They learn how to effectively communicate to different audiences using a variety of tools, including Microsoft Office Word, Excel and PowerPoint. **This course provides an opportunity to earn up to four digital tool certificates.** *Required elective for 8th grade.

iJourney – Your Pathway to Career Exploration

**9100110
Semester**

Grade 7

- Students in the iJourney course explore their interests, strengths and occupational possibilities. They learn about digital citizenship and effective communication through a blended curriculum. Students explore educational pathways offered in Seminole County Public Schools that lead to careers. They create a cumulative digital portfolio and attempt to **earn one or more digital tool certificates.** *Required elective for 7th grade.

Biomechatronics, a program offered only at Markham Woods Middle School, offers students a unique introduction to the interdisciplinary study of anatomy, physiology, electronics, robotics, and computer programming through research and collaboration. This problem-based approach to learning builds students’ skills in critical thinking and analysis. All Markham Woods students can take these courses.

Computational Thinking **1700000EC1**
Grade 6-7 **Semester**

- In this introductory class, 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. Students can earn one digital tool (ICT Cybersecurity)

Global Solutions and Innovations **1700000EG1**
Grade 6-7 **Semester**

- In this course, 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. Students can earn one digital tool (ICT Cybersecurity).

The Game of LIFE **1700000EB**
Grade 6-8 **Semester**

- Level up and get ready for your future! Master the game of LIFE - living on your own, investing in your future, financial literacy, and entrepreneurship! Become an expert player and learn the strategic moves needed to be an entrepreneur. Develop into a 21st century ninja as you learn to make informed decisions about your personal finances. Move your “company” through life's obstacles as you learn what it takes to live on your own and invest in yourself for your future. This semester-long course is unlike any other! **This course provides an opportunity to earn one digital tool certificate.**

CAD & 3D Printing **1700000EC2**
Grade 7-8 **Semester**

- Pre-requisite: Computational Thinking OR Global Solutions
- This course is a bridge from Global Solutions and Innovations and Computational Thinking in 6th grade to the Biomechatronics Capstone course in 8th grade. Students in this class will learn advanced digital design, including CAD systems and 3D printing, as well as basic electronics and circuitry.

Applied Programing **1700000AP**
Grade 7-8 **Semester**

- Pre-requisite: Computational Thinking OR Global Solutions
- This course builds upon the skills and knowledge acquired 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 Science, as well as their applications. Students can earn one digital tool (ICT Programming and Logic Essentials).

Advanced Robotics **1700000ER1**
Grade 7-8 **Year**

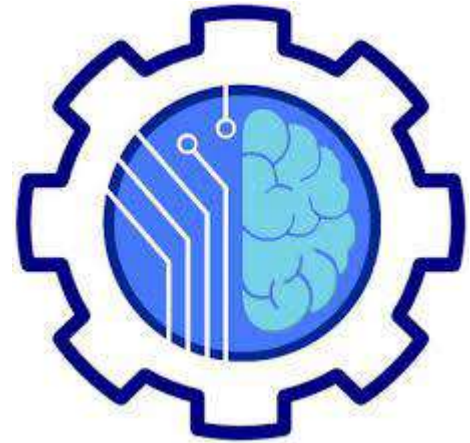
- Pre-requisite: Computational Thinking OR Global Solutions
- The purpose of this course is to provide students the opportunity to advance their mastery in the field of robotics while preparing for Regional, State, and National FIRST Robotics competitions. Students in this course are required to complete 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. This is a limited enrollment course that requires an application.**

Health: Anatomy and Physiology
Grade 7-8

170000H
Semester

Pre-requisite: Computational Thinking OR Global Solutions

- The medical field is quickly becoming the medical technology field. There are going to be more than twice as many medical jobs that do not require a medical degree as those that do. As medicine becomes more proactive than reactive (Instead of waiting till there is a problem you will be notified to come in because of an indicator of a possible problem). Medical technicians, data analysts, medical machine maintenance (both software and hardware) along with the development of prosthetics and cybernetics there will be an incredible need in future health care. Having a basic understanding of human anatomy and function while researching new medical technology to be aware of future employment needs is the purpose of the course within the Biomechatronics program.



Biomechatronics Capstone
Grade 8

170000BC
Year

Pre-requisite: Computational Thinking OR Global Solutions

- In this capstone course, students who have successfully completed the majority of courses in the Biomechatronics Program of Exploration will apply their knowledge to the integration of biological, mechanical, and electronic systems. Students will learn the current status of the field of Biomechatronics, career options, ethics of Biomechatronic research and development and the biomechatronic design process. Students in this course are required to complete a culminating project to be presented. **This is a limited enrollment course that requires an application.**

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