

Curriculum Guide 2015~2016



MILWEE
MIDDLE SCHOOL
Pre-Engineering Magnet

Table of Contents

Principal's Letter	page 2
Middle School Student Progression Plan Information	page 3
Curriculum Overview	page 4
Advanced Course Profile	page 5
Admissions and Transfers	page 6
Guidance	page 7
Special Services	page 7
Academic Support	page 8
Grade 6 Course Descriptions	page 9
Grade 7 Course Descriptions	page 10
Grade 8 Course Descriptions	page 11
SCPS Pre-IB Prep Program	page 13
SCPS Pre-IB Prep Grade 6 Course Descriptions	page 14
SCPS Pre-IB Prep Grade 7 Course Descriptions	page 15
SCPS Pre-IB Prep Grade 8 Course Descriptions	page 16
Elective Course Offerings	page 17
Electives	page 18
Engineering Electives	page 20
Sports	page 22
Clubs and Organizations	page 22
ePathways	page 23

Dear Milwee Spartan:

Our mission at Milwee Middle School is to ensure a safe, nurturing environment conducive to learning for all students, preparing them for academic success while promoting values that will assist them in becoming successful, self-sufficient and reputable citizens. The courses listed in this Curriculum Guide are designed to offer Milwee Middle School students the best possible educational experience. The core academic courses as well as the Intensive Math and Intensive Reading courses mirror what is being offered across the district in all middle schools. What sets Milwee apart are the SCPS Pre-IB Prep and Pre-Engineering courses designed to challenge our students and provide hands-on project based activities that will prepare them for life after Milwee.

The contents of this Curriculum Guide will be very helpful as you plan your course of study at Milwee. The guide provides an overview of all courses offered including information on clubs and sports programs. Students, I challenge you to challenge yourselves! Focus on your education. It is your future and there is no time like the present to make an investment in ensuring that it will be a great one.

I look forward to working with you as we are *Achieving Today. Conquering Tomorrow!*

James Kubis
Principal, Milwee Middle School

Student Progression Plan

1. Middle School Instructional Program- Florida's Sunshine State Standards serve as the foundation of the middle school curriculum for the Seminole County Public Schools. Student mastery of subject area content consists of such things as teacher observations, classroom assignments, tests and exams.
2. FCAT (Florida's Comprehensive Assessment Test) - Middle school students are required to participate in the state's accountability testing program. Student performance in the areas of reading and mathematics is assessed in grades 6-8. Student performance in science and writing is also assessed in grade 8.
3. Core Academic Program Requirements- Middle school students are required to receive 3 years of instruction in language arts, math, science, and social studies.
4. Additional Instructional Program Requirements- Middle school students have the opportunity to participate in regularly scheduled physical education classes, as well as exploratory, enrichment and elective classes.
5. Grouping of Instruction- Flexible grouping of middle school students that is developmentally appropriate, ethnically diverse, and instructionally sound is encouraged to increase student achievement. Any grouping of students must provide opportunities for regrouping of students during the school day in order to prevent the segregation or isolation of any student subgroup.
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 designed to prepare students for higher level courses in high school. Students are invited to enroll, or self-select, these classes. Some indicators of whether a student should enroll in advanced classes are FCAT Reading and Mathematics scores of 3, 4, or 5 and successful performance in previous advanced classes. Student motivation and interest are important factors in a student's success in advanced classes.
7. Vertical Acceleration- Students demonstrating highly exceptional academic capabilities may be enrolled in a single above-grade level course 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.
8. Remediation- Students who score at Level 1 or Level 2 on FCAT Reading shall be enrolled in a year long intensive reading course. Students who score Level 3 on FCAT Reading, may be scheduled into Research through Literature course. Students who score at Level 1 or Level 2 on FCAT Math shall be enrolled in a year long intensive math course.
9. Student Promotion- Middle school students must earn a 2.0 Grade Point Average and pass all annual courses to earn promotion from one grade to the next.

***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.**

Curriculum Overview

Grade	Language Arts	Math	Science	Social Studies	Required Elective	Elective Strand	Elective Strand
6th	Language Arts Or Advanced Language Arts	Math 1 Or Advanced Math 1 Or GEM	Earth Space Science	World History	Physical Education	Elective Class	Elective Class
					Business Keyboarding	Elective Class	Elective Class
Pre-IB Prep Program	Advanced Language Arts	Advanced Math 1 Or GEM	Advanced Earth Space Science	Advanced World History	Physical Education	Elective Class	Elective Class
					Business Keyboarding	Elective Class	Elective Class
7th	Language Arts Or Advanced Language Arts	Math 2 Or Advanced Math 2 Or Algebra 1* Or Algebra 1 Honors*	Life Science	Civics	Physical Education	Elective Class	Elective Class
					iJourney: Your Pathway to Career Exploration	Elective Class	Elective Class
Pre-IB Prep Program	Advanced Language Arts	Math 2 Advanced Or Algebra 1 Honors*	Advanced Life Science	Advanced Civics	Physical Education	Elective Class	Elective Class
					iJourney: Your Pathway to Career Exploration	Elective Class	Elective Class
8th	Language Arts Or Advanced Language Arts	Math 3 Or Algebra 1* Or Algebra 1 Honors* Or Geometry Honors*	Physical Science Or Advanced Physical Science	American History Or American History Advanced	Physical Education	Elective Class	Elective Class
					Elective Class	Elective Class	Elective Class
Pre-IB Prep Program	Advanced Language Arts	Algebra 1 Honors* Or Geometry Honors*	Advanced Physical Science	American History Advanced	Spanish 1* IB	Physical Education	Elective Class
						Elective Class	Elective Class

- Students take seven classes during the school year. Four are core academic classes and the remaining are electives.
- Elective classes may be semester classes (half year) or year long classes.
- * denotes a high school credit course.
- Students may earn high school credit for Spanish 1, Algebra 1, Algebra 1 Honors, or Geometry Honors and Biology I Honors (ePathways).

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 an advanced course, you should ask yourself if you fit the profile of students who typically do well in advanced courses.

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 in standard classes.
- Performance on Florida State Assessment

If this sounds like you, please consider taking advanced courses.

Grade 6 - Mathematics-Advanced
Grade 6 – GEM Math
Grade 7 - Mathematics-Advanced
Grade 7 - Algebra I Standard*
Grade 7 - Algebra I Honors*
Grade 8 - Algebra I-Standard*
Grade 8 - Algebra I-Honors*
Grade 8 - Geometry Honors*
Grade 8- Biology I Honors* (ePathways)

Grade 6 - Language Arts-Advanced
Grade 7 - Language Arts-Advanced
Grade 8 - Language Arts-Advanced
Grade 8 - Science Advanced
Grade 8- Advanced US History
SCPS Pre-IB Prep
Spanish I*

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

If you make the commitment to take an advanced course, you must remain in that class for at least the first nine weeks.

****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 nine weeks grading period****

ADVANCED COURSES ARE OPEN FOR ENROLLMENT TO ANY STUDENT WHO DESIRE TO “SELF-SELECT” A MORE RIGOROUS AND CHALLENGING CURRICULUM.

Admissions and Transfers

Admissions

1. Any child who has been promoted or assigned to grades 6, 7, or 8 will be admitted to middle school.
2. **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:
 - a. **owned residence:** a copy of the recorded deed or agreement for the deed and 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) own and live at the residence.
 - b. **rented or leased residence:** a copy of the lease, rental agreement, or a letter from the landlord.
 - c. **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.
 - d. **separated parents:** a notarized statement that the child actually lives in the home of the parent designated in the child's school records as the residential parent.
 - e. **students NOT residing with parents:** submit form 893 and a letter stating why student is living with the residential adult.

First Entry to the State of Florida Schools:

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).

Entry to Seminole County Public Schools from 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

1. 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:
 - a. an official letter or transcript from a proper school authority which shows a record of attendance, academic information, and grade placement of the student;
 - b. proof of immunization;
 - c. proof of date of birth;
 - d. proof of a medical examination completed within the last twelve months.
2. 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 the 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. **Note 1:* 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/explained via a signed parent note. In such circumstance, the student shall suffer no academic penalty, provided that all coursework, examinations, etc. are made up within a reasonable period of time. For continued absence due to illness of 10 or more days, a doctor/health professional's note is required. **Note 2:* A "reasonable period of time" to make-up work defined as: At a minimum, the student shall have no less than the number of days he/she was absent to complete and submit make-up is work for credit. Specific arrangements must be made with the student's teacher.

Note 3:* A student who is absent is required to make up all coursework 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

Seminole County 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

Milwee 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, lunch periods, or friends. 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:

Letter Grade = Percentage = Quality

Range Points

- A: 3.45–4.0
- B: 2.45-3.44
- C: 1.45-2.44
- D:1.44-0.45
- F:0-0.44
- W Withdrawal
- I Incomplete

Special Services

E.S.O.L

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 (EPT) 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 SUPPORT SERVICES

Exceptional student support services are available for the exceptional student in order to fully meet his/her needs. 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 Milwee Middle School:

Gifted
Emotionally Behaviorally Disabled (EBD)
Speech and Language Therapy

Autism Spectrum Disorder (ASD)
Mildly Intellectually Disabled
Specific Learning Disabilities (SLD)

INTENSIVE READING

Students who score at Level 1 or Level 2 on the FCAT Reading in the previous grade will be enrolled in and complete a full-year intensive reading course. Students who score at Level 3 but have a high probability of regressing to Levels 1 or 2 will be placed in a reading program for additional support. These courses have been developed by the Florida Center for Reading Research, use scientifically based interventions, and reflect differing levels of intensity (instructional time and class size) based on the student’s reading level.

INTENSIVE MATH

This class is a support class to your child’s regular math class. Students will improve their skills in mathematics. Students who score at Level 1 or Level 2 on the FCAT mathematics in the previous grade will be enrolled in and complete a full-year intensive math course. Students who score at Level 3 but have a high probability of regressing to Levels 1 or 2 will be placed in a math program for additional support.

Enrollment in Advanced Mathematics Courses

Enrollment in advanced classes is open to any student. Some indicators of whether a student should take these courses are:

- FCAT Mathematics score
- Previous Mathematics performance
- Teacher recommendation

Student motivation and interest, however, are important factors in a student's success. Therefore, it is possible for students less prepared to do well in advanced courses with the proper motivation, commitment to hard work, and interest.

Academic Support

All students are required to take a full year of language arts, math, science and social studies. In addition to these four basic academic core subjects, students may be required to take additional reading or math support classes based on their FCAT scores as shown in the matrix below. **Required enrollment in academic support classes will limit the number of elective courses a student may take during the school year.**

	FCAT Level 1	FCAT Level 2	FCAT Level 3 (Lower Quartile)
Reading	Intensive Reading Double Block (2 class periods) or Intensive Reading Reading Edge (1 class period)	Intensive Reading Double Block (2 class periods) or Intensive Reading Reading Edge (1 class period)	Research through Literature (1 class period)
Math	Intensive Math (1 class period)	Intensive Math (1 class period)	

PARENTS AND STUDENTS PLEASE NOTE:

Final decisions on student schedules will be made upon receipt of FCAT scores. Every effort will be made to honor student/parent requests, as expressed in the spring registration process; however, **please be advised that the final student schedules may not be an exact match to expressed interest(s)** due to Reading and/or Mathematics support requirements.

Grade 6

GEM Math

Prerequisite: 5th Grades PRIMES is recommended

1001010 M/J Language Arts 1
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.

1001020 M/J Language Arts 1 Advanced
Grade 6 Year

The advanced language arts curriculum in sixth 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.



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. Due to the quantity and rigor of material that students must learn for success in Algebra I Honors, students will be expected to complete additional assignments and coursework outside of the classroom on the computer. This work will be completed using a "virtual bridge" that provides computer-based instruction and assessment that the teacher will integrate into work completed in the classroom

2001010 M/J Earth Space Science
Grade 6 Year

The Earth/Space science curriculum introduces students to the basic laboratory safety skills, use of the scientific method, and measuring in the metric system. Emphasis is placed on the use of the scientific method to solve problems and understand natural phenomena. This science course provides an opportunity for students to explore the Earth's materials, processed, place in the universe, and history. Other topics covered in this course are meteorology, oceanography, astronomy, and geology. Laboratory activities and safe laboratory techniques are essential elements of the course. Projects are used to further the students' understanding of key concepts.

11205010 M/J Mathematics 1

Prerequisite: None

Grade 6 Year

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 percents. 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.



1205020 M/J Mathematics 1, Advanced

Prerequisite: None

Grade 6 Year

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 percents. 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.

2109010 M/J World History
Grade 6 Year

The sixth grade social studies curriculum consists of the following content area strands: World History, Geography, Civics, and Economics. The primary content for this course pertains to the world's earliest civilizations through the ancient and classical civilizations of Africa, Asia, and Europe. Students will be exposed to the multiple dynamics of world history including economics, geography, politics, and religion/philosophy. Students will study methods of historical inquiry and primary and secondary historical documents.



1001040 M/J Language Arts 2**Grade: 7 Year**

The curriculum consists of literature, composition, grammar, spelling, and vocabulary. Reading skills will be reinforced through fiction, nonfiction, poetry, and drama. 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.

1001050 M/J Language Arts 2, Advanced**Grade: 7 Year**

The curriculum 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. Writing activities that emphasize critical thinking and analysis of a novel are included. Students practice their oral communication skills through formal and informal speeches.

1205040 M/J Mathematics 2

Prerequisite: None

Grade 7 Year

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

1205050 M/J Mathematics 2, AdvancedPrerequisite: 6th grade advanced math recommended**Grade 7 Year**

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

1200310 Algebra I

Prerequisite: GEM Math

Grade 7 Year

High School Credit: 1

This course is designed to provide the foundation for future secondary mathematics courses and develop skills needed to solve mathematical problems. Topics shall include, but are not limited to, functions, linear equations and inequalities, systems of linear equations and inequalities, polynomials, operations with radical expressions, solving quadratic equations, ratios and proportions.

1200320 Algebra I Honors Prerequisite: GEM**Grade 7 Year**

High School Credit: 1



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.

2000010 M/J Life Science**Grade 7 Year**

Life Science includes basic safety skills, inquiry, critical thinking, use of the scientific method, measurement, and the metric system. Emphasis is placed on the use of the scientific method to solve problems and understand natural phenomena. The initial focus of the course includes the animal and plant cell, the classification systems for the major kingdoms of life, heredity, and the study of the ecology of our surroundings before moving to the study of the human body, human health, human sexuality, genetics, and evidence on biological evolution. Laboratory techniques are an essential part of the course. Projects are used to further the students' understanding of key concepts.

2106010 M/J Civics**Grade 7 Year**

The seventh grade social studies curriculum consists of the following content area strands:

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

Grade 8

1001070 M/J Language Arts 3 Grade: 8 Year

The eighth grade language arts curriculum consists of reading, composition, speech, media literacy, literature, and vocabulary development. Students will read a variety of genres (short stories, novels, drama, poetry, nonfiction) for content and meaning while practicing reading strategies. Students will enhance their writing skills through 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.

1001080 M/J Language Arts 3, Advanced 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.

1205070 M/J Mathematics 3 Prerequisite: None Grade 8 Year

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



1200310 Algebra I Prerequisite: 7th grade advanced math Grade 8 Year High School Credit: 1



This course is designed to provide the foundation for future secondary mathematics courses and develop skills needed to solve mathematical problems. Topics shall include, but are not limited to, functions, linear equations and inequalities, systems of linear equations and inequalities, polynomials, operations with radical expressions, solving quadratic equations, ratios and proportions.

1200320 Algebra I Honors Prerequisite: 7th grade advanced math Grade 8 Year High School Credit: 1

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.

1206320 Geometry Honors Prerequisite: Algebra I Grade 8 Year High School Credit: 1

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.

2003010 M/J Physical Science Grade 8 Year

Safety skills and the use of the scientific method and metric system are utilized to further students' knowledge of science. The content area for the eighth grade focuses on an introduction to chemistry and physics. Chemistry topics include properties of matter, changes of matter (e.g., physical and chemical), and the atomic model of matter. Physics topics include forces (e.g., magnetic, electrical, gravitational), energy (e.g., thermal, kinetic, potential), motion, light, and sound. Laboratory activities and safe laboratory techniques are an essential part of the course. Projects are used to further the students' understanding of the key concepts.

Grade 8

2003020 M/J Physical Science Advanced Grade 8 Year

This course is designed to provide an introduction to chemistry and physics. Chemistry topics include properties of matter, changes of matter (e.g., physical and chemical) and the atomic model of matter. Physics topics include forces (e.g., magnetic, electrical, gravitational), energy (e.g., thermal, kinetic, potential), motion, light, and sound. An inquiry approach is used to explore principles of physics and chemistry. Critical thinking skills and



higher mathematics skills are used extensively. Emphasis is placed on the use of the scientific method to solve problems and understand natural phenomena. Laboratory activities and safe laboratory techniques are an essential component of this course.

2100010 M/J United States History Grade 8 Year

Primary content emphasis for this course pertains to the study of American history from the Exploration and Colonization period to the Reconstruction Period following the Civil War. Students will be exposed to the historical, geographic, political, economic, and sociological events which influenced the development of the United States and the resulting impact on world history. So that students can clearly see the relationship between cause and effect in historical events, students should have the opportunity to explore those fundamental ideas and events which occurred after Reconstruction.

2100020 M/J 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. **Honors/Advanced** courses offer scaffold learning opportunities for students to develop the critical skills of analysis, synthesis, and evaluation in a more rigorous and reflective academic setting. Students are empowered to perform at higher levels as they engage in the following: analyzing historical documents and supplementary readings, working in the context of thematically categorized information, becoming proficient in note-taking, emphasizing free-response and document-based writing, contrasting opposing viewpoints, solving problems, etc. Students will develop and demonstrate their skills through participation in an extended research-based paper/project (e.g., History Fair Project, participatory citizenship project, mock congressional hearing, or other teacher-directed projects).

This course is designed to prepare students for Honors and/or Advanced Social Studies course work in High School.



Enrollment in Science and Social Studies Advanced Courses

Enrollment in advanced courses is open to any student. Some indicators of whether a student should take these courses are FCAT Math and Reading scores, previous Science/Social Studies performance, and teacher recommendation. Student motivation and interest, however, are important factors in a student's success. Therefore, it is possible for students less prepared to do well in this course with the proper motivation, commitment to hard work, and interest.

SCPS Pre-IB Prep

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

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

SCPS PRE-INTERNATIONAL BACCALAUREATE PREPARATORY PROGRAM

STANDARDS POLICY

A. ACADEMIC PERFORMANCE

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

B. ATTENDANCE

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

C. APPROPRIATE BEHAVIOR

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

SCPS Pre-IB Prep

Grade 6

1001020 Advanced Pre-IB Prep Language Arts Grade 6 Year

The SCPS Pre-IB Prep language arts curriculum is advanced and accelerated. Sequential vocabulary development continues with emphasis on identifying those skills necessary for standardized tests. Poetry will be the focal genre. Students may be asked to create a portfolio that contains their own poems and their studies of poetry techniques and various poets' artistry, as well as a collection of their own writing. Writing coherent, more detailed paragraphs will continue as the essay is introduced. Students concentrate on grammar, usage and mechanics while writing and editing their own work. Reading for pleasure and information is essential to all areas of the language arts skills development; therefore, extra reading outside class is a requirement for this subject.



1205020 Advanced Pre-IB Prep Mathematics Prerequisite: None Grade 6 Year

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

GEM Math Prerequisite: 5th Grades PRIMES is recommended Grade 6 Year

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. Due to the quantity and rigor of material that students must learn for success in Algebra I Honors, students will be expected to complete additional assignments and coursework outside of the classroom on the computer. This work will be completed using a "virtual bridge" that provides computer-based instruction and assessment that the teacher will integrate into work completed in the classroom

2001020 M/J Advanced Pre-IB Prep Earth- Science Grade 6 Year

The purpose of this course is to provide opportunities for students to study concepts of life, earth-space and physical sciences, and their applications to everyday life. The sixth grade SCPS Pre-IB Prep science curriculum builds on the skills and content studied in elementary school and provides the basis for student as they continue the Pre-IB Prep science curriculum. Skills include basic safety skills, inquiry, and use of the scientific method, measurement and the metric system. The content includes but is not limited to, the nature of science, the nature of matter, energy, force and motion, processes that shape the Earth space, process of life, and how living things interact with the environment. Laboratory activities and safe laboratory techniques are an essential part of the course. Projects are used to further the students' understanding of key concepts and may include, but are not limited to, the school Science Fair and regional Science, Math and Engineering Fair. Enrollment is open to any student

2109010 M/J Advanced Pre- IB Prep World History Grade 6 Year

The sixth grade social studies curriculum consists of the following content area strands: World History, Geography, Civics, and Economics. The primary content for this course pertains to the world's earliest civilizations through the ancient and classical civilizations of Africa, Asia, and Europe. Students will be exposed to the multiple dynamics of world history including economics, geography, politics, and religion/philosophy. Students will study methods of historical inquiry and primary and secondary historical documents.

SCPS Pre IB Prep Grade 7

1001050 Advanced Pre- IB Prep Language Arts Grade 7 Year

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

1205050 Advanced Pre-IB Prep Mathematics Grade 7 Year

Prerequisite: 6th grade advanced math

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

1200320 Algebra I Honors

Prerequisite: GEM

Grade 7 Year
High School Credit: 1



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.

200020 Advanced Pre-IB Prep Life Science Grade 7 Year

This fast paced seventh grade SCPS Pre-IB Prep science curriculum builds on the skills and concepts studied in sixth grade. These skills and concepts include basic safety skills, use of the scientific method, and the metric system. Emphasis is placed on the use of the scientific method to solve problems and gain an understanding of natural phenomena. The content for the seventh grade deals with life science. The focus of the course starts with animal and plant cells and moves on to the classification systems of the major kingdoms (i.e., bacteria, fungi, protists, plants and animals) of life. Also included in the course is the study of the human body, human sexuality, genetics, and evolution. The course culminates with the study of the ecology of our surroundings. Laboratory activities and safe laboratory techniques are an essential part of the course. Projects are used to further the students' understanding of the key concepts.

2106010 M/J Advanced Pre-IB Prep Civics Grade 7 Year

The seventh grade SCPS Pre-IB Prep geography course is an intense, in-depth study of: 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.



SCPS Pre-IB Prep

Grade 8

1001080 Advanced Pre-IB Prep Language Arts **Grade 8 Year**

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

1200320 Algebra I Honors
Prerequisite: 7th grade advanced math
Grade 8 Year
High School Credit: 1

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

1206320 Geometry Honors
Prerequisite: Algebra I
Grade 8 Year
High School Credit: 1

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

2003020 Pre-IB Prep Advanced Science **Grade 8 Year**

The SCPS Pre-IB science curriculum builds on the skills and content studied in the seventh grade SCPS Pre-IB class and provides for the basis for material studied in the high school IB program. Safety skills and the use of the scientific method and metric system are utilized to further students' knowledge of science. Laboratory activities and safe laboratory techniques are an essential part of the course. Projects are used to further the students' understanding of the key concepts. Critical thinking skills and higher mathematics skills are used extensively. Students will be required to participate in a variety of projects that promote research skills, scientific design, experimental procedures, writing, and forming

conclusions based upon data collection. This course is a hands-on, accelerated comprehensive science course designed to challenge students.

2100020 Pre-IB Prep American History Advanced **Grade 8 Year**

This course is designed for the highly motivated student who wishes to pursue the International Baccalaureate Program or Advanced Placement courses in high school. Students will explore the events of U.S. history using documents, images, cartoons and other primary sources along with secondary text. With a more rigorous focus on document based inquiry, the students will examine and analyze the political, economic, technological and social developments of the United States from the period of colonial settlement through Reconstruction. Florida's role in our nation's history will also be emphasized. Instruction will focus on students developing an understanding of themes in U.S. History including the impact of expansion, the development of conflicts, the influence of diverse groups on American culture and the impact of world events on American thinking. Instructional strategies that support the rigor, reading and writing of IB and Advanced Placement course work will be emphasized. These include:

- College Board reading strategies (APPARTS, OPTIC, SOAPStone, etc.)
- Structured note-taking, including Cornell notes.
- The DBQ Project, and analysis of significant historical documents, along with historical writing.
- Extended research based project (e.g. History Fair project, Mock Trial, etc.)

This course is specifically aimed at preparing students for International Baccalaureate or Advanced Placement Social Studies courses in High School.

0708800 Spanish I IB
Grade 8 Year
High School Credit: 1

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

Elective Course Offerings

Sixth Grade	Seventh Grade	Eighth Grade
Semester Courses		
Art 1 Automation and Robotics Business Keyboarding SCVS Virtual Class Flight and Space Green Architecture Health Lego Robotics Medical Detectives Physical Education Video Game Design 1	Art I Art II* AI and Robotics Design and Modeling iJourney Intro to Energy SCVS Virtual Class Green Architecture Health Lego Robotics Peer Tutor Physical Education Science of Technology Student Ambassador Video Game Design 1 Video Game Design 2* Web Design	Art I Art II* Art Assistant+ AI and Robotics iJourney Energy and the Environment Engineering Assistant SCVS Virtual Class Green Architecture Health Advanced Intro to Energy Lego Robotics Magic of Electrons Peer Tutor Physical Education Student Ambassador Video Game Design 2* Web Design Web Design 2 *
Yearly Courses		
Band I First Lego League+	Band I Band II Concert ** Band III Symphonic ** Jazz Ensemble ** First Lego League+ SECME+	Band I Band II Concert ** Band III Symphonic ** Jazz Ensemble ** First Lego League+ SECME+

*Indicates a course that has a pre-requisite. Please refer to course descriptions for more information.

**Indicates a course that is audition only. Please refer to course descriptions for more information.

+Indicates a course that requires an application.

Electives

Applied Computer Business Skills 1 Semester Grade 8 Semester

This course is designed to provide a basic overview of current business and information systems and trends and to introduce students to the basics and foundations required for today's business environments. Emphasis is placed on developing proficiency with touch keyboarding and fundamental word processing applications, so that they may be used as communication tools for enhancing personal and work place proficiency in an information-based society.

Art I Grades 6 & 7 Semester

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



Art II Grades 7 & 8 Semester

Prerequisite: Art I

The purpose of this course is to enable students to develop fundamental art appreciation skills through the production of three-dimensional works of art. Production activities may include sketching, sculpting, and assemblage. Application required.

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, trumpet, French horn, trombone, baritone, tuba and orchestral percussion. **Performances are an integral part of the curriculum.**



Band II – Concert Grades 7 & 8 Year

Audition Only

Concert Band is open to students at an intermediate level of development. Students should be proficient in music reading, scales, tone production, and articulation. Greater emphasis is placed upon performing band music at an intermediate level. Students will have after school rehearsals when necessary for concert preparation.

Performances are an integral part of the curriculum.



Band III – Symphonic Grades 7 & 8 Year

Audition Only

This accelerated advanced-level instrumental class is for students who have successfully completed at least one year of Beginning Band and/or Concert Band. Students will be given challenging opportunities to develop a higher level of musicianship and performance skills through the study of different levels of styles of band literature. Students will participate in concerts, Music Performance Assessment, and performance activities. **Placement in this class is by Director Recommendation only.**

Jazz Ensemble Instrumental Techniques Grades 7 & 8 Year

Audition Only

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.**

Electives

Business Keyboarding **Grade 6 Semester**

This introductory semester course that provides basic skills for computer knowledge. This course will introduce basic computer skills to enable students to navigate the computer and work with documents. Students who are proficient in typing may test out of this class. The career planning component will enable students to explore a variety of careers with emphasis on career and educational planning.

Seminole County Virtual Class **Grades 6-8 Semester/Year**

Seminole County Schools recognizes that 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. Full-time and part-time virtual coursework is available to students in grades six through twelve. These programs offer a wide-range of acceleration opportunities, as well as credit recovery and remediation, through blended schedules that permit students to take some face-to-face courses and some virtual courses, depending on each student's most optimal learning situation.



Health **Grades 6 &7 Semester**

The purpose of this course is to provide students with the opportunity to gain the knowledge and skills necessary to become health literate and practice responsible behaviors to promote healthy lifestyle and healthy living. This comprehensive course focuses on the health issues core to the optimum development of adolescents.

Introduction to Energy **Grades 6 & Semester**

The purpose of this course is to assist students in making informed decisions regarding their future academic and occupational goals and to provide information regarding careers in the Energy career cluster. Students will plan, manage and provide support and technical services related to the generation, transmission and distribution of various types of energy along with the design engineering, construction, maintenance, and repair of these systems. Instruction and learning activities are provided in a laboratory setting using hands-on experiences.

Physical Fitness **Grades 6 – 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.

PLTW Gateway

Automation and Robotics **Grade 6 Semester**

Students trace the history and development of automation and robotics. They learn about structures, energy transfer, machine automation, and computer control systems. Students acquire knowledge and skills in engineering problem solving and explore requirements for careers in engineering. Students will enjoy this course if they like to use construction sets to build various objects. They will also learn about assembly line processes and design and program an assembly line.

Flight and Space **Grade 6 Semester**

The exciting world of aerospace comes alive through Flight and Space. Students explore the science behind aeronautics and use their knowledge to design, build, and test an airfoil. Custom-built simulation software allows students to experience space travel.

Design and Modeling **Grade 7 Semester**

Students apply the design process to solve problems and understand the influence of creativity and innovation in their lives. They work in teams to design a playground and furniture, capturing research and ideas in their engineering notebooks. Using Autodesk® design software, students create a virtual image of their designs and produce a portfolio to showcase their innovative solutions. Students will enjoy this course if they like to draw and love learning new software programs.

Medical Detectives **Grades 6 -8 Semester**

Students play the role of real-life medical detectives as they analyze genetic testing results to diagnose disease and study DNA evidence found at a “crime scene.” They solve medical mysteries through hands-on projects and labs, investigate how to measure and interpret vital signs, and learn how the systems of the human body work together to maintain health.

The Science of Technology **Grade 7 Semester**

Science impacts the technology of yesterday, today, and the future. Students apply the concepts of physics, chemistry, and nanotechnology to STEM activities and projects, including making ice cream, cleaning up an oil spill, and discovering the properties of nano-materials.

Green Architecture **Grades 7 & 8 Semester**

Today’s students have grown up in an age of “green” choices. In this unit, students learn how to apply this concept to the fields of architecture and construction by exploring dimensioning, measuring, and architectural sustainability as they design affordable housing units using Autodesk’s® 3D architectural design software.

The Magic of Electrons **Grades 8 Semester**

Through hands-on projects, students explore electricity, the behavior and parts of atoms, and sensing devices. They learn knowledge and skills in basic circuitry design, and examine the impact of electricity on the world around them.

Energy and the Environment **Grade 8 Semester**

Students are challenged to think big and toward the future as they explore sustainable solutions to our energy needs and investigate the impact of energy on our lives and the world. They design and model alternative energy sources and evaluate options for reducing energy consumption.



Engineering Electives

Artificial Intelligence and Mobile Robotics **Grades 7 & 8 Semester**

Students will be introduced to the concepts of this rapidly growing field in technology. Students will explain how insect and mammal behaviors help Artificial Intelligence researchers and designers create intelligent systems. Students will learn about robots and control systems, demonstrate the functions of sensors and outputs and create intelligent systems using the problem solving process.

Lego Robotics **Grades 6-8 Semester**

This semester course allows students will build and program LEGO robots. Both introductory and advanced programming in the NXT drag-and-drop programming system will be taught, and students will gain knowledge of basic principles to prepare them for subsequent programming classes. They will design and build robots to achieve the tasks they will be assigned.

SECME **Grades 7 & 8 Year**

This class provides learning opportunities to students to encourage their interest in science, mathematics, and technology. It also exposes students to engineering related careers. SECME's goal is to encourage students, to pursue careers in the sciences through hands-on activities and competitions. Application required.



First Lego League **Grades 6-8 Year**

Lego League is a hands-on program that uses challenges based on real world scientific problems to engage students in research, problem solving, and engineering. The teams will design, build and program LEGO MindStorms robots to complete very challenging missions on an obstacle course. Students are REQUIRED to attend at least two competitions which are on Saturdays between November and February. This is a very challenging, but rewarding, elective for self-motivated students. Application required.

Video Game Design I **Grades 6 & 7 Semester**

This course is designed to give students an overview of beginning concepts of computer programming in "Basic" computer language. Students are placed in a simulated job environment and given the task of learning how to manipulate code in a video game and then creating their own game.

Video Game Design II **Grades 7 & 8 Semester** Prerequisite: Video Game Design I

This course builds on the techniques learned in VGD I. The student will learn to use an enhanced set of programming tools that include Dark Basic Professional as well as scenery, modeling, and game physics applications. The students will also personally design and build their own games using these tools. The tools used are professional grade and can give the students a true window into the world of video game design.

Web Design **Grades 7 & 8 Semester**

This course will cover the fundamental elements of web design. Students will build web pages with HTML and CSS coding using a text editor. In addition, the essential principles of web design, including white space, proximity, alignment and contrast will be studied and employed when creating student websites. Students will develop professional quality portfolios of original digital graphic artwork using paint and photo editing software. They will develop a critical eye by routinely analyzing various websites' content and design. Finally, students will use their knowledge in a real world application by adding their own content to the Milwee Middle School website.

Web Design II **Grades 7 & 8 Semester** Prerequisite: Web Design I

This course is designed to provide students with opportunities to acquire and apply foundational skills related to web design. Students will build upon skills learned in Web Design I.

Clubs

Art/Anime
ASL
Band
Basketball
Board Games
Book Club
Calligraphy
Chess
Chorus
Comics and Graphic Novels
Craftastic
CSI Milwee
Dance Fitness
Debate
Digital Newspaper
Fashion Design
Field Sports
Film Studies
Football
French Club
Gamer Evolution
Gardening Club (2nd semester)
Hands-on-Milwee
Minecraft
Pokémon/ Yugioh
Sci-Fi
Sea Perch
Showstoppers
Soapbox Derby
Soccer
Spanish Club
SPARK
Step Team
Survival Skills
Teen Court
Video Game Design
Volleyball
XC (Cross Country)
Yoga

Sports



Milwee Middle School offers all students the opportunity to participate in an interscholastic sports program. In order to participate, students are required to complete a physical examination, have

parent permission, and provide proof of insurance. Students selected for the competitive teams are required to pay a registration fee. (Students will not be excluded from play due to an inability to pay. Scholarships are available.) Sixth and seventh grade students may be selected to participate in **Junior Varsity** competition. Seventh and eighth grade students may be selected to participate in **Varsity** competition. All interscholastic sports participants must maintain a 2.0 Grade Point Average (G.P.A.) or better on their most recent report card. If participating in fall sports, the G.P.A. from the previous school year will be considered. During participation, if a student's G.P.A. falls below a 2.0, the student will be removed from the team. Goo Good sportsmanship and adherence to the Seminole County Code of Conduct is expected of all student athletes. Milwee Middle School offers the following sports teams:

- “ Volleyball -Basketball
- “ Cross Country” Track and Field

Interscholastic Sports Program

Milwee Middle School offers a variety of intramural sports programs during the school year. The program operates before and after school, as needed.



Seminole County Schools recognizes that 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.

- Full-time and part-time virtual coursework is available to students in grades six through twelve. These programs offer a wide-range of acceleration opportunities, as well as credit recovery and remediation, through blended schedules that permit students to take some face-to-face courses and some virtual courses, depending on each student's most optimal learning situation.
- Students can choose the learning pathway that best suits their learning style, personal interests, and academic strengths.
- Students have a variety of course options, both core and elective, that can be taken in a modern classroom setting or in a virtual environment.

The following courses are available through Seminole County Virtual School. Students may take this course during the school day in a computer lab setting. Academic support for virtual courses is provided by the SCVS teacher, not personnel at Milwee Middle School.

If interested in taking an ePathways class, please number the **appropriate grade level** classes in order of preference. 1, 2, 3 etc. SCVS Classes will be offered on a space availability basis.

6th Grade Virtual Classes

- _____ M/J Business Keyboarding (8200110 – 1 segment)
- _____ M/J Beginning Spanish (0708000 - 2 segments)
- _____ Careers in Fashion Design (8209200-1 segment)

7th Grade Virtual Classes

- _____ M/J Careers Research and Decision Making (1700060 – 1 segment)
- _____ M/J Business Keyboarding (8200110 – 1 segment)
- _____ M/J Critical Thinking, Problem Solving and Learning (1700100 – 1 segment)
- _____ M/J Beginning Spanish (0708000 - 2 segments)
- _____ M/J Intermediate Spanish (0708010 – 2 segments)
- _____ M/J Guitar (1301060- 2 segments)
- _____ M/J Creative Photography-digital camera required (0102040- 2 segments)
- _____ Careers in Fashion Design (8209200- 1 segment)

8th Grade Virtual Classes

Middle School Courses

- _____ M/J Careers Research and Decision Making (1700060 – 1 segment)
- _____ M/J Business Keyboarding (8200110 – 1 segment)
- _____ M/J Critical Thinking, Problem Solving and Learning (1700100 – 1 segment)
- _____ M/J Beginning Spanish (0708000- 2 segments)
- _____ M/J Intermediate Spanish (0708010 – 2 segments)

High School Courses

- _____ Critical Thinking and Study Skills (1/2 high school credit) (**GEOMETRY STUDENTS ONLY**) – (1700370 – 1 segment)
- _____ Personal Fitness (1/2 high school credit – 1501300 – 1 segment)
- _____ Biology I Honors (1 high school credit – 2000320 – 2 segments)
- _____ Social Media (½ high school credit- 1006375)-1 segment
- _____ Guitar 1 (1 high school credit-1301320- 2 segments)
- _____ French I (1 high school credit – 0701320 – 2 segments)
- _____ Spanish I (1 high school credit – 0708340 – 2 segments)



Seminole County Public Schools