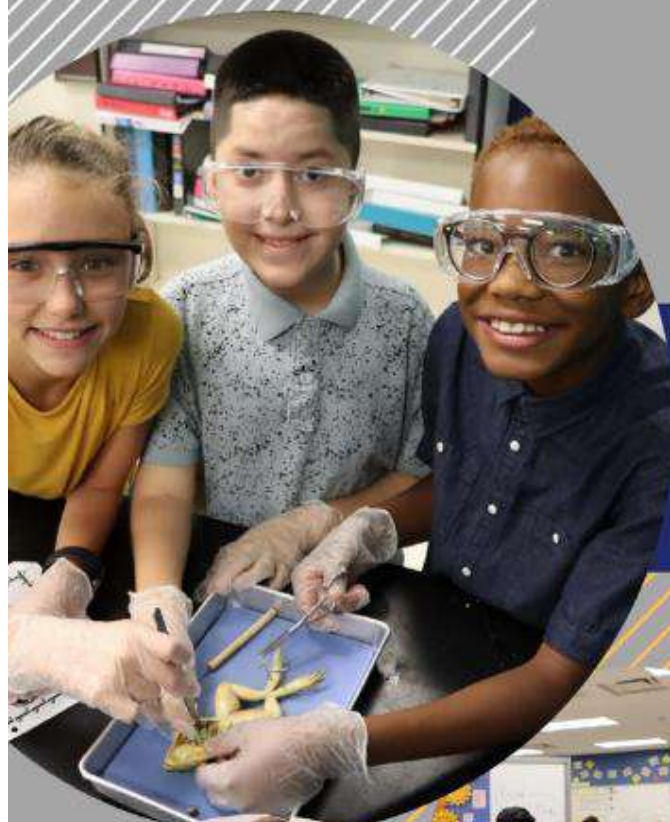




SANFORD

MIDDLE SCHOOL MAGNET



2022-2023

Curriculum Guide



Welcome to the premier Pre IB-Pre, Math, Science, Technology Magnet where we educate the WHOLE CHILD with excellence in academics, character education, and wellness.

VISION

(What we hope to become)

The school where every student is a STEM student, and every teacher is a STEM teacher.

MISSION

(Why we exist)

There is an increasing need in Florida and throughout the country, to ensure students have the future ready skills to compete in a globally competitive economy and meet the needs of the workplace. The future of the economy is in STEM related careers. The U.S. Bureau of Labor Statistics indicates that employment in STEM occupations is projected to grow more than 9 million between 2012 and 2022.

The mission of Sanford Middle School Math, Science, & Technology Magnet is to develop a more widely and diversely populated pipeline of students, with future ready skills, interested in STEM careers in an innovative, safe, and supportive learning environment. Where every student can think critically and connect and apply STEM principles to solve real-world problems, through rigorous and relevant learning experiences across all disciplines.

VALUES

(What we believe in the whole child)

Every student deserves to be HEALTHY Every student
deserves to be SAFE

Every student deserves to be ENGAGED

Every student deserves to be SUPPORTED

Every student deserves to be CHALLENGED

BYRON DURIAS

Proud Principal



Welcome to Sanford Middle School
SCPS PRE IB-PREP, Science, Technology, & Math Magnet

Address

1700 S. French Ave
Sanford, FL 32771

Office Hours

Monday-Friday
8:45 AM to 4:00 PM

Phone Number

407-320-6150

Administration & Student Services Team

Principal

Byron Durias

Assistant Principal

Michael Cush
Alisa Grace
Berna Munoz

School Assistant Manager

Jennifer Coursin

Dean of Students

Dr. Ronald Diltz
Kiafa Moye

Guidance Counselors

Gaylar Mitchell (6th Grade)
Michelle Diduch-O'Donnell (7th Grade)
Tiffany Barnes (8th Grade)

Table of Contents	
General Registration Information	Page 2
Middle School Progression Plan Terms to Know	Page 3
Special Academic Programs	Page 4
Exceptional Student Education	Page 5
PRE IB-PREP Program Overview	Page 7
STEM Magnet Program Overview	Page 8
SMS Academic Course Descriptions by Grade Level	Page 10
Required SMS ePathways Computer Courses	Page 16
SMS Elective Course Descriptions	Page 17
SMS Registration Procedures & Sample Registration Forms	Page 26
SMS Registration Forms **Course Changes may occur in some areas**	Page 27



When does Registration Begin?

A guidance counselor will meet with all students to distribute registration materials. At that time, students will be briefed on filling out the registration form and selecting their classes for the upcoming school year. As soon as possible, and prior to selecting courses, all students should read this guide carefully to familiarize themselves with the information it contains.

Incoming 6th grade students and Lottery Students: A guidance counselor will be visiting all elementary schools with 20 or more students coming to SMS to work through the registration process. Parents and students wishing to obtain more information regarding the school program and course selections should contact Sanford Middle School. Registration material will be available in February/March of 2021 for incoming students Zoned and Magnet Lottery selection.

[ESE and ESOL students will be placed in their appropriate Core Academic Course based upon their I.E.P].

Terms to Know

Required Courses--All students at SMS take four (4) core academic courses each year [math, language arts, science, and social studies]. All students are required to become proficient in computer applications. All students are required to take one-semester of physical fitness during 6th through 8th grades.

Academic Choices--While all students are required to take the four core academic courses each year, there are three general courses of study: Standard, Advanced/Gifted, or International Baccalaureate Preparatory Program (all advanced level courses and Foreign Language), which is available to academically challenge students and to prepare them for the International Baccalaureate Program at Seminole High School or Winter Springs High School. The SCPS Pre-IB program follows a different, more rigorous, and faster paced curriculum than the standard level course. Therefore, students will be expected to invest more time in homework, projects, and research activities as well as perform at a higher level.

Schedule Change Policy--Sanford Middle School utilizes the Seminole County Public School automated scheduler to establish student schedules. The automated scheduler is programmed to insure 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. Also, schedule changes will not be made for elective choices if the class was one of the students numbered choices on their registration form. Schedule-related problems should be discussed with the assigned guidance counselor and changes should be made within the first ten days of each semester. Every effort is made to place students into elective classes of their choice. However, sometimes due to scheduling conflicts this isn't possible.

Administrative Changes--Sanford Middle School reserves the right to change individual student schedules to comply with School Board and Department of Education policies. These changes may occur due to changes in the student population or faculty allocation. Changes will be made to balance classes and teacher loads when necessary. Students scoring level 1 or 2 in Math or Reading on the standardized state test will be placed in an intensive program. Every effort will be made not to disrupt the educational process when such changes become necessary.

Middle School Student Progression Terms to Know

Middle School Instructional Program -- Florida 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 observation, classroom assignments, tests, and exams.

Core Academic Program Requirements -- Middle school students are required to receive 3 years of instruction in language arts, math, science, and social studies.

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.

Grouping for 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.

Advanced Classes -- Enrollment in advanced core academic classes is open to any student who wishes to take on the challenge of a more rigorous curriculum that prepares students for higher level courses in high school.

Advanced classes are offered in math, language arts, science, and social studies.

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.

Remediation--Students who are not performing at grade level will be enrolled in intensive reading, and/ or intensive math classes. Administration may substitute an intensive class for any elective course on a student's schedule.

Student Promotion--Middle school students must earn a yearly 2.0 Grade Point Average and pass all annual courses to earn promotion from one grade to the next.

Promotion--Middle school students must pass the final end of the year grade in all academic and elective courses by earning a final quality point average of not less than 0.75 for any course and earn an overall 2.0 grade point average on a 4.0 scale in order to be promoted. Final grades for each subject taken will be used to calculate the grade point average. **

Assignment -- Students who do not meet the criteria for promotion may be assigned to the next higher grade by the principal after due consideration of relevant factors, which may include, but are not limited to, input from the student's teachers, counselor, parent, successful student participation in remediation activities and/or summer school (8th students grade only), and planned interventions.

Retention -- A student who has not been promoted or assigned will be retained.

*Seventh & Eighth grade students enrolled at middle school taking high school credit courses will be graded in accordance with the high school grading policy. In addition, Sanford Middle School students may take high school Environmental Science Honors, Geometry, Algebra I, Digital Information Technology, Spanish I for high school credit.

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

Special Academic Programs

English for Speakers of Other Languages (E.S.O.L.)

The E.S.O.L. program is designed to meet the immediate communication needs, as well as the academic needs, of students whose native language is other than English and have limited or no proficiency in the English language. The students served by the program as determined by the established criteria will receive instruction as described in the English for Speakers of Other Languages Procedural Handbook.

Intensive Math

This course uses a problem-centered approach to teaching that accelerates student learning of math concepts and strengthens their math skills so they can become proficient in math. All students scoring at level 1 or 2 on the previous years standardized state test will be placed in this course as a supplement to their grade level math course. Students who score at level 3 but have a high probability of regressing to levels 1 or 2 may be provided the opportunity for additional support in our reading program.

Intensive Reading

Literacy is defined as listening, viewing, speaking, thinking, reading, writing, and expressing through multiple symbol systems. Sanford Middle School encourages the mastery of these skills through Language Arts classes. In addition, literacy skills are reinforced in other subject areas through content area reading. Students learn how to comprehend and understand text specific to Science, Social Studies, Mathematics, and elective courses. Furthermore, students are exposed to technical reading through their required technology courses. Seminole County Middle Schools has adopted two research-based reading programs to assist students who scored below proficiency in reading (Level 1 and Level 2) and at lower levels of proficiency in reading (Level 3) on the Florida Standardized State Test. Both programs are designed to meet the individual instructional needs of all students who are enrolled in Reading classes. The instructional strategies used by the reading teachers are based on best practices and will assist students with improving their overall reading skills and performance on the Florida Standardized State Test. Additionally, students are given diagnostic assessments to determine strengths and weaknesses in reading. Based on the areas identified as needing improvement, students are then enrolled in the reading class that will meet their individual needs. Students are not required to take an Intensive Reading class when they achieve high levels of proficiency (Level 4 or 5) as measured by the Reading portion of the Florida Standardized State Test.

Intensive Reading Placement:

*Students who are below proficiency (Level 1 and Level 2) as measured by the Florida Standardized State Test are **required** to be in an Intensive Reading class. These students will be given additional assessments to determine the appropriate Intensive Reading class. Additionally, students who score at lower levels of proficiency (Level 3) will be given additional assessments to determine the appropriate Intensive Reading class.*

Reading Placement Procedures:

The following process will be used for assessing students' reading placement:

1. Review of the Florida Standardized State Test reading scores.
2. Fluency assessment to determine decoding ability.
3. Non-fluent readers will be given the Corrective Reading Placement Test to determine appropriate Corrective Reading class.
4. Moderately fluent or fluent students will be placed into the appropriate Reading Edge class.
5. Periodic progress monitoring assessments will be reviewed to determine growth in reading ability.
6. Review of the progress monitoring data may result in a change in the students' reading classes. **Reading**

Assessments:

Florida Oral Reading Fluency (FORF) and Discovery Education assessments are used to monitor students' progress throughout the year.

Exiting Procedure

When a student has demonstrated high levels of reading proficiency (Level 4 or 5) as measured by Florida Standardized State Test, the reading class is no longer needed.

Exceptional Student Education

Exceptional Student Services are available for our students with disabilities. Our Student Support Services Department is committed to giving students with disabilities the means to achieve their annual goals as specified on each student's Individual Education Plan, while educating them in the least restrictive environment. These services are described on our district's school website under the Exceptional Student Support Services link: [SCPS Student Support Services](#).

S. L. D.

Specific Learning Disability (SLD) services, we will evaluate if services can be provided to those students who qualify for this assistance. The main goals of the program are to remediate deficiencies, provide students with alternative ways to learn, help them compensate for their disability so that they are able to fully participate in all regular education classes.

A specific learning disability is defined as a disorder in one or more of the basic learning processes involved in understanding or in using language, spoken or written, that may manifest in significant difficulties affecting the ability to listen, speak, read, write, spell, or do mathematics. Associated conditions may include, but are not limited to, dyslexia, dyscalculia, dysgraphia, or developmental aphasia. A specific learning disability does not include learning problems that are primarily the result of a visual, hearing, motor, intellectual, or emotional/behavioral disability, limited English proficiency, or environmental, cultural, or economic factors. This definition is found in State Board of Education Rule 6A-6.03018, F.A.C.

E. B. D.

Through our **Emotional/Behavioral Disorder** (EBD) services we can provide specialized instruction to those students who qualify for this assistance. These classes are taught at the students' instructional levels, with the main goal being to assist students to make adjustment and cope with their disability so that, when possible, they may return to regular education classes. The teachers and the school also strive to integrate these students into the school in every possible way.

A student with an emotional/behavioral disability has persistent (is not sufficiently responsive to implemented evidence-based interventions) and consistent emotional or behavioral responses that adversely affect performance in the educational environment that cannot be attributed to age, culture, gender, or ethnicity. The corresponding definition is found in State Board of Education Rule 6A-6.03016, F.A.C.

I.D.

Through our Mildly **Intellectually Disability** (ID) service we can provide specialized instruction to those students who qualify for this assistance.

An intellectual disability is defined as significantly below average general intellectual and adaptive functioning manifested during the developmental period, with significant delays in academic skills. Developmental period refers to birth to eighteen (18) years of age.

A.S.D.

Through our **Autism Spectrum Disorder** (ASD) service we can provide specialized instruction to those students who qualify for this assistance.

Autism Spectrum Disorder is defined to be a range of pervasive developmental disorders that adversely affects a student's functionality and results in the need for specially designed instruction and related services. ASD is characterized by an uneven developmental profile and a pattern of qualitative impairments in social interaction, communication, and the presence of restricted repetitive, and/or stereotyped patterns of behavior, interests, or activities. These characteristics may manifest in a variety of combinations and range from mild to severe. Autism

Spectrum Disorder may include Autistic Disorder, Pervasive Developmental Disorder Not Otherwise Specified, Asperger's Disorder, or other related pervasive developmental disorders. The corresponding definition is found in State Board of Education Rule 6A-6.03023, F.A.C.

Gifted

Students must qualify for the Gifted services through testing with a psychologist. The gifted program in Seminole County is committed to the belief that each identified student is an individual with great potential. This commitment requires that each student has guidance in discovering, developing and realizing his/her potential as an individual and as a member of society. Each student will receive: an educational plan that reflects individual strengths and weaknesses, interests and learning steps; differentiated curriculum and instructional strategies; The acquisition of a realistic self-image; and exposure to experiences which foster a positive attitude toward the creative process and an appreciation of aesthetics. In addition, the following will be incorporated into the program. The development of Thinking skills - critical/creative thinking skills; research and communication-research skills, study skills, test taking skills, public speaking skills; affective - risk taking skills, self-concept improvement, peer relationships and adjustment to middle school life.

Florida defines gifted students as students who have superior intellectual development and are capable of high performance. Seminole County Public Schools (SCPS) serves gifted students through individualized plans that provide academic and social emotional support. The links below provide more information regarding statutes and rules that regulate identification and services for gifted students, as well as resources, publications and other supporting information for teachers, administrators, parents, students and community members.

Speech/ Language Impairments

In the **Speech/Language Impaired** services four areas that areas, articulation, language, fluency and voice. Speech and language impairments are defined as disorders of language, articulation, fluency or voice which interfere with communication, pre-academic or academic learning, vocational training, or social judgment.

Speech Impairments are disorders impacting the way that a student communicates based on deficits in speech sound production (articulation), fluency (stuttering), or voice. Along with displaying deficits in speech sounds, fluency, and/or voice, the student must be currently displaying an adverse impact as a result of the speech deficits in the area of academics, social interaction, and/or vocational functioning. Students who are served for a Speech Impairment will receive Speech Therapy from a certified Speech-Language Pathologist along with other supports and services as determined by the IEP team. Each school in Seminole County Public Schools has an assigned Speech-Language Pathologist.

SCPS Pre International Baccalaureate Preparation Program Overview

The Seminole County Public School International Baccalaureate Preparation Program (SCPS 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 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 Sanford Middle School, we encourage all students who want to challenge themselves academically to seriously consider entering the SCPS PRE IB-PREP Program.

ACADEMIC PERFORMANCE

Students participating in the SCPS 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.

ATTENDANCE

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

APPROPRIATE BEHAVIOR

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

COMMUNITY SERVICE

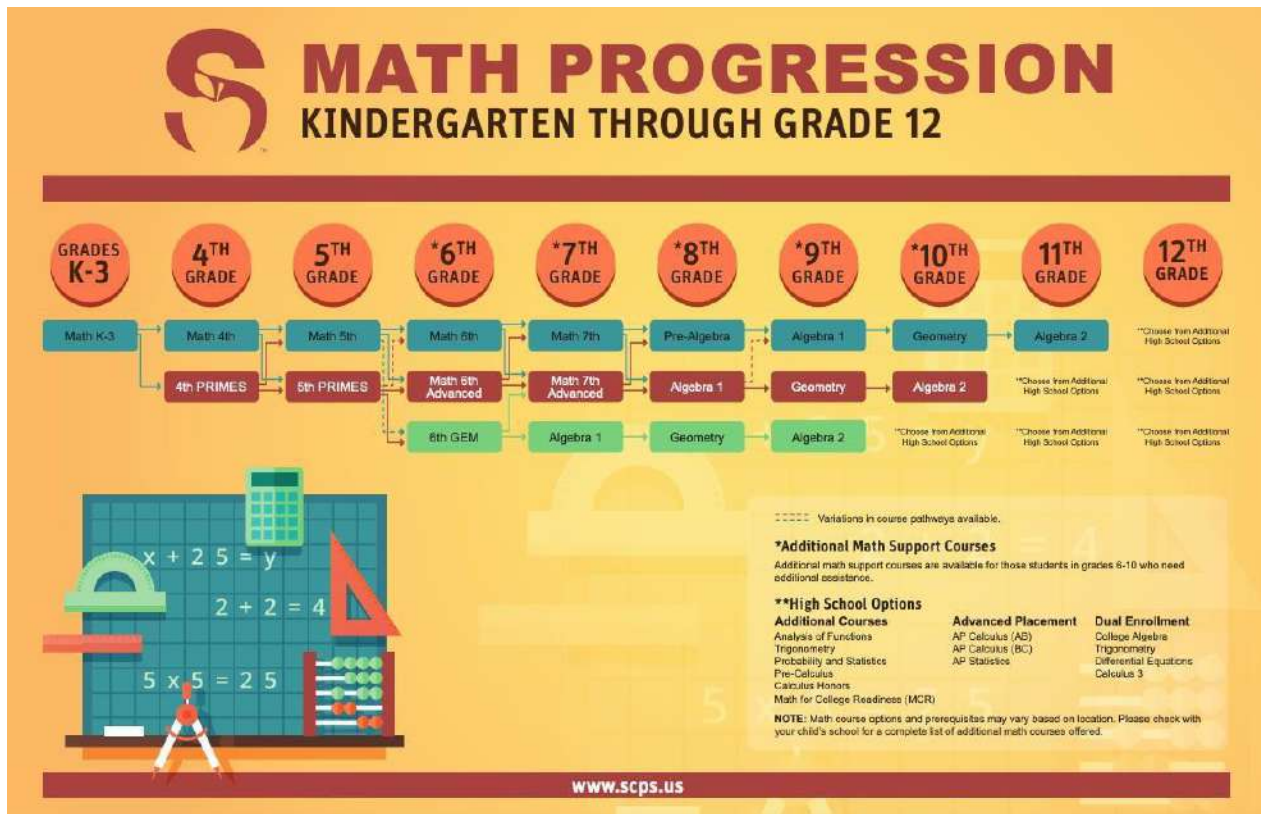
SCPS PRE IB-PREP students are required to complete a minimum of 15 Community Service hours per year, 10 of which may be completed in the summer prior to the upcoming school year. This can be done when it is incremental and transitional, and when we give students the opportunity to do community service. Middle School students should be provided a community service environment that is safe and fosters the sense of service. Community service opportunities at school provides a safe environment.

SCPS International Baccalaureate Preparatory Program Required Courses		
6 th Grade	7 th Grade	8 th Grade
Advanced Math 1 OR 6 th Grade GEM	Advanced Math 2 OR Algebra I Honors (1 Weighted HS Credit)	Algebra I OR Algebra I Honors (1 Weighted HS Credit)
SCPS PRE IB-PREP Comprehensive Science 1	SCPS PRE IB-PREP Comprehensive Science 2	OR Geometry Honors (1 Weighted HS Credit)
SCPS PRE IB-PREP World History	SCPS PRE IB-PREP Civics	SCPS PRE IB-PREP Environmental Science Honors (1 Weighted HS Credit)
SCPS PRE IB-PREP Language Arts	SCPS PRE IB-PREP Language Arts	SCPS PRE IB-PREP U.S. History
SCPS PRE IB-PREP 6 TH Grade Spanish (Semester)	SCPS PRE IB-PREP 7 th Grade Spanish (Semester)	SCPS PRE IB-PREP Lang Arts
		SCPS PRE IB-PREP Spanish I (Year Long)

STEM Magnet Program Overview

Advanced, Gifted, & Standard Programs		
6 th Grade	7 th Grade	8 th Grade
Math 1 (Standard/Advanced/Gifted)	Math 2 (Standard/Advanced/Gifted)	Pre-Algebra OR Algebra I
Comp Science 1 (Standard/Advanced/Gifted)	Comp Science 2 (Standard/Advanced/Gifted)	OR Algebra I Honors
World History (Standard/Advanced/Gifted)	Civics (Standard/Advanced/Gifted)	Comp Science 3 (Standard/Advanced/Gifted)
Language Arts (Standard/Advanced/Gifted)	Language Arts (Standard/Advanced/Gifted)	U.S. History (Standard/Advanced/Gifted)
		Lang Arts (Standard/Advanced/Gifted)

SCPS Math Progression



Required Non-Core Academic (All Students)

A minimum of 2 Career and Technical Education courses will need to be taken by SMS Students during their 3 years. iChallenge 1, 2, or iConnect will fulfill this requirement, AND iJourney is **MANDATORY** for all 7th graders

6 th Grade	7 th Grade	8 th Grade
Physical Education Elective iChallenge 1 *** OR iChallenge 2 (Year Long) ***	Physical Education Elective iJourney***	Physical Education Elective iConnect (recommended)

DIGITAL TOOL CERTIFICATES***

State law requires district school boards to make Career & Professional Education (CAPE) Digital Tool Certificates available in order to enable students to attain Digital Skills (Florida Statute 1003.4203). Additionally, SCPS values the establishment of student career and education plans as an organizing tool for course selection in high school, post-secondary educational research, and career exploration. In support of these goals, students will be scheduled into two of the iSeries courses (ep, iConnect, iChallenge) by the end of the 8th grade. iJourney is required along with either iConnect or iChallenge. iJourney includes the career and education plan required for promotion to high school as required by [Florida Statute 1003.4156 \(1\)\(e\)](#) and prepares students for an opportunity to earn one digital tool certificate. iConnect is a high school course that teaches network components and software applications, preparing students for an opportunity to earn two digital tool certificates. iChallenge is a middle school course that teaches computer science concepts in a gaming environment and provides an opportunity to earn one digital tool certificate (semester course) or an industry certification (full year course).

Academic Course Description

6th Grade

STEM Magnet Year Long Coursework offered as Standard, Advanced, & Gifted

Language Arts 1

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, informative and argumentative writing. Oral communication skills will be practiced through formal and informal speeches.

Advanced Language Arts 1

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.

Mathematics 1

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 percent. 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.

Advanced Mathematics 1

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

GEM Math

Prerequisite: 5th Grades PRIMES is recommended

This rigorous course combines content from 6th, 7th and 8th grades in order to prepare students to be successful in Algebra I Honors in 7th grade. 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.

Comprehensive Science 1

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

World History

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

Academic Course Description

6th Grade

SCPS PRE IB-PREP Year Long Coursework

SCPS PRE IB-Prep Language Arts 1

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

Advanced Mathematics 1

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

GEM Math

Prerequisite: 5th Grade PRIMES is recommended

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

SCPS PRE IB-PREP Comprehensive

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

SCPS PRE IB-PREP World History

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

Academic Course Description

7th Grade

STEM Magnet Year Long Coursework offered as Standard, Advanced, & Gifted

Language Arts 2

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

Advanced Language Arts 2

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

Mathematics 2

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

Advanced Mathematics 2

Prerequisite: 6th grade advanced math recommended

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

Algebra I Honors 1 (1 Weighted High School Credit)

Prerequisite: GEM

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

Comprehensive Science 2

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

Civics

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. Students in Advanced and Gifted classes will be provided opportunities to dive deeper into the content and to make even more connections across science and with other disciplines. All levels of this course will take a State Assessment End of Course exam at the end of the academic year.

Academic Course Description

7th Grade

SCPS PRE IB-PREP Year Long Coursework

SCPS Pre IB-PREP Language Arts

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

Advanced Mathematics 2

Prerequisite: 6th grade advanced math

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

Algebra I Honors (1 Weighted High School Credit)

Prerequisite: 6th grade advanced math

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

SCPS PRE IB-PREP Comprehensive Science 2

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

SCPS PRE IB-PREP Civics

The seventh-grade social studies curriculum consists of the following content area strands: Civics, Geography, and Economics.

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

Academic Course Description

8th Grade

STEM Magnet Year Long Coursework offered as Standard, Advanced, & Gifted

Language Arts 3

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

Advanced Language Arts 3

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

Pre-Algebra

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

Algebra 1 Honors (1 Weighted High School Credit)

Prerequisite: 7th grade advanced

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

Geometry Honors (1 Weighted High School Credit)

Prerequisite: Algebra I Honors

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

Comprehensive Science 3

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

United States History

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

United States History Advanced

Primary content emphasis for this course pertains to the study of American history from the Exploration and Colonization period to the Reconstruction Period following the Civil War. Students will be exposed to the historical, geographic, political, economic, and sociological events which influenced the development of the United States and the resulting impact on world history. Advanced courses offer scaffolded learning opportunities for students to develop the critical skills of analysis, synthesis, and evaluation in a more rigorous and reflective academic setting.

Academic Course Description

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

8th Grade

SCPS PRE IB-PREP Year Long Coursework

SCPS PRE IB-PREP Language Arts Advanced

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

Algebra 1 Honors (1 Weighted High School Credit)

Prerequisite: 7th grade advanced math

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

Geometry Honors (1 Weighted High School Credit)

Prerequisite: Algebra 1 Honors

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

Environmental Science Honors 1 (Weighted High School Credit)

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

SCPS Pre-IB Prep American History Advanced

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 notetaking, including Cornell notes; The DBQ Project, and analysis of significant historical documents, along with historical writing; Extended research-based project (e.g., History Fair project, Mock Trial, etc.). This course is specifically aimed at preparing students for International Baccalaureate or Advanced Placement Social Studies courses in High School.

SCPS PRE IB-PREP Spanish 1 (1 Weighted High School Credit)

Prerequisite: PRE IB-PREP Spanish 6 and/or 7 or teacher evaluation

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 IB-PREP program at Seminole and Winter Springs High Schools. Students will earn high school credit upon successful completion of the course. This is a yearlong course and students are required to successfully complete quarterly and semester examinations of the Spanish course.

Required STEM Electives



(Click on Logo for Video)

Are you ready to experience a series of courses that are on the cutting edge of education? Discover the ePathways EDGE through these blended learning electives with the potential to change your life by helping you choose your education pathway! What is blended learning? Blended courses incorporate part online learning through eCampus and part collaborative learning with your peers and explained by your instructor. These courses were built especially for students in grades 6-8 by SCPS teachers and staff, and each year students provide feedback on how to make the courses better! SCPS ePathways programs located on the [SCPS Magnet Website](#) and [SCPS Student Assignment & Program Access Department](#).

All Sanford Middle School students must complete at least two of the courses listed below by the end of the 8th grade (iJourney is required along with either iChallenge or iConnect).

Grade	iSeries Middle School Course	Length of Course	Description
6-7	iChallenge 1 9009200A	1 Sem	<p>“Coding is today’s language of creativity. All our students deserve a chance to become creators instead of consumers of computer science” (Maria Klawe).</p> <p>Are you ready for your future? With so many opportunities in Computer Science, choose iChallenge and learn about this growing field and how it will impact your future, regardless of the career you choose! This coding and game-based course will allow you to earn a digital tool certificate and prepare you to take AP Computer Science Principles in high school. This class uses a combination of online learning, teacher instruction, and project-based learning. You will have the ability to choose projects that excite you, with topics you want to learn more about relating to coding and Computer Science. This course uses content from Code.org which requires parent permission. This course provides an opportunity to earn one digital tool certificate.</p>
6-7	iChallenge 2, Web Foundations 9009200B Prerequisite: iChallenge 1	1 Sem	<p>“If you don’t build your dream, someone will hire you to help build theirs” (Tony Gaskins).</p> <p>By signing up for the second iChallenge course, you become an entrepreneur. You will take the culminating product created in your first semester of iChallenge and learn how to market the product by designing and creating a website that sells your product. This class uses a combination of online learning, teacher instruction, and project-based learning. Dig deeper into computer science through coding, game-based learning, and web development. Take this next step and see if your product can become a reality. This course uses content from Code.org which requires parent permission. This course provides an opportunity to earn one industry certification.</p>
7-8	iConnect .5 High School Credit 8300330	1 Sem	<p>“Technology, like art, is a soaring exercise of the human imagination” (Daniel Bell).</p> <p>How much do you know about technology? This semester, you will discover new possibilities and learn about technology applications and communication techniques through this innovative and interactive course. In addition, you will have the opportunity to “show off” your skills by producing a culminating activity that includes your favorite projects from the course and will be added to your ePortfolio! This course provides an opportunity to earn two digital tool certificates.</p>
8	iJourney Mandatory for Promotion to High School 9100110	1 Sem	<p>“There is no greater journey than the one that you must take to discover all of the mysteries that lie within you” (Michelle Sandlin).</p> <p>This is your chance to have the choice and freedom you’ve ALWAYS dreamed of to go wherever you want in life! On this journey you will get to explore yourself, get to know your interests, and figure out where it is you want to go both in school and in LIFE! You will discover the many educational pathways offered in SCPS that lead to careers and make a plan for your prosperous future. This course provides an opportunity to earn one digital tool certificate.</p>

Computer Based Electives

Grade	Courses	Length of Course	Description
6-7-8	GAMING 1 1700000G1	1 Sem	Have you ever wondered what goes into game design and writing codes? Gaming 1 introduces students to the fundamentals of computer programming for general applications. Students will study a widely used programming language and become familiar with the basics of procedural, functional, and object-oriented programming, while creating text-based games. This course requires no perquisites classes, although basic background knowledge of computers and video-gaming are expected.
7-8	GAMING 2 1700000G2	1 Sem	Now let's develop your skills in gaming. Students will focus specifically on gaming theory, design, and graphical user interfaces, and development of computer games, specifically for PC or mobile platforms. Students will develop multiple 2D games and can show off their creations on a class arcade cabinet. This course builds off successful completion of Gaming 1. Students will have an opportunity to obtain a Digital Tool in ICT.
7-8	GAMING 3 1700000G3	1 Sem	In Gaming 3, students work on developing a 2D and 3D game from scratch and beta testing their game with peers. Students are expected to have a sound knowledge in coding and gaming. Come and experience the development of a game that you can play on your computer and/or on your mobile device anywhere you go. This course builds off successful completion of Gaming 2. Students will have an opportunity to obtain a Digital Tool in ICT.
8	DIGITAL INFORMATION TECHNOLOGY (DIT) 8207310 1 High School Credit Prerequisite: iChallenge 1 and/or iConnect	1 Year	This year long course is designed to provide a basic overview of current business and information systems and trends, and to introduce students to fundamental skills required for today's business and academic environments. Emphasis is placed on developing fundamental computer skills. The intention of this course is to prepare students to be successful both personally and professionally in an information-based society. Digital Information Technology includes the exploration and use of: spreadsheets, presentation applications, word processing and document manipulation, using software that meets industry standards. Students will earn the prestigious Microsoft Office Specialist designation by passing three industry certification exams and/or an Industry Certification Exam that is comparable. Fill out Interest Form

World Languages

Grade	Course	Length of Course	Description
6-7-8	CONVERSATIONAL SPANISH 0708100	1 Sem	This course introduces students to the Spanish language and its culture. Students will learn beginning skills in listening and speaking and an introduction to basic skills in reading and writing. Also, culture, connections, comparisons, and communities are included in this semester course. Concepts such as the alphabet, classroom objects, commands, numbers, time, calendar, seasons, weather expressions, colors, greetings, house, family, food, and a basic understanding of Spanish-speaking cultures and geography will be taught.
6	6TH GRADE PRE IB-PREP SPANISH Mandatory for PRE IB-PREP Students 0708000	1 Sem	Students will work in groups, pairs and individually to build basic conversational skills of the target language. Further development of vocabulary and initial understanding of grammatical structures is achieved through drills, hands on projects and use of various forms of technology. Periodically students have use of the computer lab and available software to improve their oral and aural skills. Students will learn how to conjugate regular and some irregular verbs in present tense.
7	7TH GRADE PRE IB-PREP SPANISH Mandatory for PRE IB-PREP Students 0708010 Prerequisite 6 th Spanish	1 Sem	Students will demonstrate understanding and development of basic and more advanced vocabulary in the target language. They will have the opportunity to improve their conversational skills to include information about the present and past activities and experiences. They will participate in more advanced levels of conversational skills in the target language. Students will also recognize popular literature, art, famous Hispanic achievers, and cultural events in which will allow them to experience connections and comparisons of their personal lives to the natives of the target language.
8	PRE-IB SPANISH I PRE IB-PREP Students 1 Weighted HS Credit 0708800 Prerequisite 7 th Spanish	1 Year	In this course, the student will work toward proficiency in Spanish through the development of the four main skill areas: listening, reading, writing and speaking. Equal emphasis will be given to the teaching of these four skills. The students will take part in individual, as well as partner and group work to develop oral proficiency. Course work will include the mastery of basic grammatical structures and acquisition of everyday vocabulary in Spanish. In addition, students will study some of the frequently used idioms in the Spanish language. Students also will begin to build an awareness of the cultural variety of the Spanish speaking world. Students will have quarterly and end of the year exams in this High School Honors Course.
8	SPANISH I Magnet Students 1 High School Credit 0708340	1 Year	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 taught. Students will learn the culture and customs of various Spanish-speaking countries. Interested students should have a strong background in Language Arts. Students will have common assessments each semester to assess progress in the High School Credit course.

Physical Education & Wellness Electives

Grade	Course	Length of Course	Description
6-7	PHYSICAL FITNESS 1508600	1 Sem	Students participate in a variety of experiences that enhance sports/skills, cardiovascular endurance, and overall fitness. Each student learns lifetime activities that help maintain wellness. Students will be introduced to individual and team activities.
7-8	PHYSICAL FITNESS 1508700	1 Sem	The physical education department offers students a variety of experiences that will enhance sports/skills, cardiovascular endurance, and overall fitness. Each student learns lifetime activities that help maintain wellness. Students will be introduced to individual and team activities.
6-7-8	BASKETBALL 1508600 B6	1 Sem	Basketball skills and strategies will be developed through practice and play.
6-7-8	VOLLEYBALL 1508600 V6	1 Sem	Volleyball skills and strategies will be developed through practice and play.
6-7-8	FLAG FOOTBALL 1508600 S6	1 Sem	Running and conditioning skills/strategies will be developed through practice and play.
6-7-8	TEAM SPORTS 1508600 L6	1 Sem	Soccer, softball, flag football, kickball, track and field, and Gatorball.
6-7-8	CHEERLEADING 1508600 C6	1 Sem	Knowledge of safety issues while learning stunts, gymnastics, and dance will be stressed. Aerobics and weight training will also be included to develop high levels of cardiovascular fitness and strength.
6-7-8	DANCE 1508600 D6	1 Sem	Students will learn the dance moves and routines that are used in dance teams. Dance techniques will be incorporated to develop cardiovascular fitness and muscular strength.
7-8	WEIGHT TRAINING 1508700 W7	1 Sem	Designed to enhance the physical abilities and coordination of 8th grade students, this course aids those who are planning to compete at the interscholastic level in sports. It includes safety and weight training procedures for high school athletes.

S.T.E.M. & Liberal Art Electives

Grade	Course	Length of Course	Description
6-7-8	ART 1 0101005	1 Sem	This is a beginning level art class. Students work with both 2-D and 3-D media in Art 1, we cover a large variety of material. Students will start the semester learning drawing techniques and color theory. We use these foundations as building-blocks for the semester. Students will create collage and mosaic work, many styles of self-portraits, Paris craft masks, paper-mâché animal masks, and ceramic projects.
7-8	ART 2 0101010	1 Sem	This course covers similar topics to Art1 but at a more intense level and in a more rigorous nature. Students learn advance drawing techniques, including those used at the high school and college level. By the end of this semester-long course, students will have developed a strong portfolio. We cover portraiture, two-point perspective, clay, linoleum print making, and mask making.
7-8	DIGITAL ANIMATION w/Animation-ish 0103000 Prerequisite: Art 1		Students explore the fundamental concepts, terminology, techniques and applications of digital imaging to create original work. Students produce digital stills and/or animated images through the single or combined use of computers and the creative software Animation-ish. This course incorporates hands-on activities, the use of technology, and consumption of art materials. Students that complete this semester course will be able to earn a Digital Tool by passing the Animation-ish end of course exam.
6-7-8	BEGINNING BAND 1302000	1 Year	Anyone can be successful and can play an instrument that is appropriate for that individual. No musical experience is required. Students will be provided instruction in the development of fundamentals of posture, tone production, breathing, instrument care, music reading, rhythm, musical terms and symbols, and proper performance techniques are taught. <i>Band students must either provide their own instruments or rent them from a local music store. SMS will loan instruments to students that we have in our inventory on a need basis. Instrument rental fees range from \$20 to \$30 per month. Band students will also be expected to attend all band functions, which may include occasional afternoon practices, evening performances, field trips, and parades.</i>
7-8	BAND 2 1302010	1 Year	This course is open to students who have completed one full year of beginning band. Music fundamentals, tone production, and music theory are reinforced in the classroom environment, and students have various opportunities to perform at school, civic, and state sponsored festivals. The knowledge of 7 scales is required.
7-8	SYMPHONIC BAND 1302020 Prerequisite: Band 2, Auditions	1 Year	This course is open to all students who have completed one year of beginning band and/or concert band. Symphonic Band enrollment is contingent on a student's dedication to his/her personal musical development. Challenging wind ensemble literature is presented to the students. Private lessons are strongly encouraged, and students are required to perform at the district solo and ensemble festival, as well as school and civic functions.
7-8	JAZZ BAND 1302020JZ Prerequisite: Band 2, Auditions.	1 Year	Jazz Band consists of students in concert or advanced band who show an interest in the study of jazz music. Selection is based on director recommendation, and students will participate in local and state festivals. Jazz theory, history, improvisation, and performance styles are concepts involved in this course. Students are required to perform at school and civic events. <i>Students scheduled for Jazz Band must be required to be enrolled in Band 2 or Symphonic Band.</i>

6-7-8	GITAR 1 1301060	1 Sem	This course is designed for students interested in learning to play the guitar who have no previous training. The goals are to teach students proper playing technique, basic musical skills, and various styles of music. At the end of the course students will be prepared to continue playing the guitar as either a hobby or pursue further training on the guitar either by private lessons or the Guitar 2 course.
6-7-8	CHORUS I 1303000	1 Year	Students with little or no choral experience develop beginning vocal technique and skills, critical and creative thinking skills, and an appreciation of music from around the world and through time. 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.
7-8	CHORUS 2 1303010 Prerequisite: Chorus I,	1 Year	Students with previous choral experience build intermediate-level knowledge of vocal technique, musical literacy, ensemble skills, and related musical knowledge through rehearsal, performance, and study of a variety of high-quality 2-, 3-, and 4-part choral literature. 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.
6-7-8	DRAMA 1 0400000	1 Sem	Drama 1 teaches students the basic elements of theater production and the dynamics of acting through voice and character development, scene analysis, and performance opportunities. Students learn basic acting skills such as presenting monologues, how to audition, improvisation, characterization, preparing a role, stage movement, and choreography. In addition, students are guided through various aspects of the production process from rehearsals to backstage crews to costuming and make-up techniques.
7-8	DRAMA 2 0400010 Prerequisite: Drama 1	1 Sem	Drama 2 class objective is to prepare student actors for auditions in the real world of theater. Students practice and learn audition techniques, prepare, and perform monologues, scenes, and one act plays. They have opportunities to see and hear professionals perform through videos, live productions, and guest speakers. Student actors create a performance troupe that present live and video-taped productions. They appear at various school functions and on the morning announcements as well as at other schools and in the community. Parent involvement and transportation to performances may be necessary.
6-7-8	SPEECH & DEBATE 1007000	1 Sem	This course will be a basic course in speech and debate. Students will learn about effective verbal and nonverbal communications skills. They will learn to construct, use and defend an argument in debate. They will assess their own public speaking skills, as well as the public speaking skills of their peers.
6-7-8	Creative Writing 1 1009000	1 Sem	This course is designed to develop student's creative writing ability and explore the art of writing. The content is focused on students using writing, speaking, and listening skills. Students will write in a variety of formats including short stories and flash fiction, as well as study several simple forms of poetry, and collaborate with peers to create a large "choose your own adventure" story.

7-8	Creative Writing 2 1009010	1 Sem	This course is designed to deepen and enhance student's creativity and writing skills. The content focuses on taking the skills learned and practiced in Creative Writing I and deepening them. This course will challenge writers to step out of their comfort zone and try new styles of narrative, expressive, and poetic writing. Students will also be encouraged to submit works for local, state, and national contests.
6-8	LIFE SKILLS 0500000EA	1 Sem	The life skills curriculum is designed to further students' knowledge and understanding and their place in the world around them. Students will learn skills that not only help them in school settings but will transfer to adult life. Students learn decision-making strategies, the importance of self-control, effective conflict resolution strategies, and the value of positive thinking.

8	ALGEBRA I Workshop 1204000E Prerequisite: Successful completion of Math 2 and L2 or L3 in Math FSA	1 Sem	This course is designed to provide extra facilitation through the Algebra curriculum as they develop their secondary mathematics education. Also, this course will supplement topics that are reviewed in pre-algebra for students who may have skipped over that specific course. The course will cover many vital mathematical concepts including expressions and equations, systems of linear equations, the concept of a function, analyzing two and three-dimensional space and figures, and applying the Pythagorean Theorem. Students will be given pass or fail credit on their ability to follow the mostly classroom only instruction.
6-7-8	VIDEO PRODUCTION 1 8260300	1 Sem	Video production one is an overview of how media, specifically television, has helped shape society from its invention in 1926 to present day. Students will examine how television started and its impact on society over the past one hundred years. We will examine the various forms of video formatting as well as the basic equipment of modern-day newsrooms. Students will explore how different forms of light are used to enhance an individual or object that is being videoed. This course will teach students the appropriate way to interview a prospective client when developing a potential story. Students will then practice those interviewing techniques in class before being videotaped. Each class will use the videotaped interviews to critique each other's work so they can improve on that skill. We will introduce students to storyboarding techniques, which they will use to develop an extended project in class. Students who successfully complete VP 1 are prepared to take Video Production 2.
7-8	VIDEO PRODUCTION 2 82604000 Prerequisite: Vid Pro 1	1 Sem	Video production two builds on skills learned in video one. Students will begin learning about and using audiovisual equipment to create small segments of news that they will study and identify areas that need improvement. We will compare different forms of light and the effects of light when shooting the news. Students will learn how to take a news story and develop the story into a piece that would be ready to tape. Video two students will also complete research for several of the segments we use in video three for the news. They will use storyboarding techniques to make sure all angles of a story are covered in detail. Upon completing of video two, students may apply for video three.

6-7-8	AERONAUTIC SCIENCE I 1700000AN1	1 Sem	The purpose of this course is to learn the fundamentals of aeronautics history from ancient flying myths of the past to the dawn of powered flight with the Wright Brothers all the way to the invention of the jet plane. These lessons are coupled with flight simulator missions where students start with basic flight skills and progress to flying intermediate skill missions. Students also get to view class aviation clips from historic movies and documentaries. The second half of this course focuses on learning aviation fundamentals from aviation geography to weather to basic aircraft structures and systems. Student will have access to our state-of-the-art Flight Simulator.
7-8	AERONAUTIC SCIENCE 2 1700000AN2 Prerequisite: Aero 1	1 Sem	Students build on their aeronautics history and fundamentals of flight knowledge learned in Aero 1. Aero 2 starts with the invention of the jet plane and progresses all the way up to the present day during the first six weeks. These lessons are coupled with flight simulator missions. Students also get to view class aviation clips from historic movies and documentaries. The second six weeks focuses on learning basic aerodynamics and the forces of flight. Students learn to plan basic flight missions and then try to successfully complete their planned missions in the flight lab. The final six weeks focuses on different types of aircrafts ranging from small private planes to military jets and large commercial jet airliners. Student will have access to our state-of-the-art Flight Simulator.
8	AERONAUTIC SCIENCE 3 1700000AN3 Prerequisite: Aero 1 & 2	1 Sem	Students build on their aeronautics history and fundamentals of flight knowledge learned in Aero 1 & 2. Aero 3 starts with a six-week block of instruction on the space program and the heroes of the Apollo moon missions. These lessons are coupled with flight simulator missions. These lessons are coupled with flight navigation skills, aviation weather and aeromedical considerations. Students will have access to our state-of-the-art Flight Simulator.
6-7-8	ECOLOGY 2002200E	1 Sem	This course will focus on the study of the interactions between organisms and their non-living 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.
6-7-8	ECOLOGY 2	1 Sem	This course will provide students with ongoing research-based projects that focus on freshwater systems, coastal ecosystems, upland ecosystems, and invasive plants of Florida. Students will then move into focusing on environmental interpretation, conservation science, wildlife monitoring, habitat evaluation, and coastal shoreline restoration. Partnership with UF Florida Masters Naturalist Program and UF IFAS.
6-7-8	PRE-VETERINARY 1 2000025PV1	1 Sem	This course focuses on animal biology and is designed to provide students with a deeper understanding of the animal kingdom. Students will study the classification, anatomy, and adaptations of major animal groups. Students will also be introduced to the field of animal behavior where they will examine both inherited and learned behaviors of animals.
7-8	PRE-VETERINARY 2 2000025PV2 Prerequisite: Pre-Vet 1	1 Sem	This course is designed to introduce students to the anatomy and physiology of domestic animals including dogs, cats, cows, and horses. Students will also examine parasites and diseases common to domestic animals. Veterinary medical terminology will be taught and emphasized through class and laboratory activities including a bone marrow, rat, sheep heart, and sheep eye dissection. Students will also learn about common veterinary procedures through hands-on activities and technology based projects.

6-7-8	HERPETOLOGY 1: REPTILE & AMPHIBIAN STUDY 2000025EH1	1 Sem	This basic life science course covers the characteristics of all amphibians and reptiles. Highlights= Central Fl Zoo Field Trip and Zoo Outreach Programs.
7-8	HERPETOLOGY 2: REPTILE & AMPHIBIAN STUDY 2000025EH2 Prerequisite: Herpetology 1	1 Sem	This life science course digs deeper into how amphibian and reptile interact with the ecosystem and focuses on learning more about amphibian and reptile families and conservation efforts. Highlights= The Reptile Discovery Center and/or Orlando Science Center for Indigo Conservation (OCIC) Field Trips
7-8	HERPETOLOGY 3: REPTILE & AMPHIBIAN STUDY 2000025EH3 Prerequisite: Herpetology 1	1 Sem	This life science course is specific to Herpetofauna found in Florida. Highlights= Gator land Field Trip, salamander simulated synthetic lab dissection, gecko robotics and real snake dissection.
6-7-8	MARINE BIOLOGY I 2000025MR1	1 Sem	This course will examine the physical aspects of the oceans. Students will study the physical and chemical properties of seawater, geological processes that form the ocean basins, sea floor, and shoreline features. Introduction to the major groups of marine life. Included activities: Sea World field trip, sea star dissection
7-8	MARINE BIOLOGY 2 2000025MB2 Prerequisite: Marine Bio 1	1 Sem	As a continuation of Marine Biology 1, this course will continue to examine the physical aspects of the oceans. The focus is on marine science careers, ecological relationships in the oceans, the importance of coral reefs to the ocean ecosystems, human impact on the oceans, as well as studying Cnidaria (Jellyfish), mollusks, fish, and sharks. Included activities: Sea World field trip; squid, fish, and shark dissections
6-7-8	ROBOTICS 1 2003030RL1	1 Sem	This course provides entry level knowledge and applications to the beginning robotics student. Hands on projects, group activities, and the use of technology are an integral part of this course. The areas of emphasis include understanding and using a microcontroller, servo motors, and various types of sensors; designing and building a robot; and controlling a robot's actions through software programming.
7-8	ROBOTICS 2 2003030RL2 Prerequisite: Robotics I	1 Sem	This course continues the development of the knowledge and applications base begun in Robotics I. Hands on projects, group activities, and the use of technology are an integral part of this course. The areas of emphasis include an introduction to digital logic, Boolean Algebra, and basic electrical components understanding
6-7	INTRODUCTION TO ENGINEERING DESIGN 8600060	1 Sem	Students are introduced to the engineering design process and stretch their engineering skills using FabMaker Studio. FabMaker Studio is a digital fabrication software tool, web-based program that invites students to experience STEM and STEAM learning in an engaging, personally meaningful way. Includes FabMaker studio digital certification

6-7-8	PRE- MED 1 8709350	1 Sem	This course introduces students to the field of medicine. 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 Health Science career cluster. The content includes but is not limited to a broad overview of the Health Science career cluster, including terminology, careers, history, required skills, and technologies associated with each pathway in the Health Science career cluster.
7-8	PRE-MED 2 8400110 Prerequisite: Pre-Med I	1 Sem	The student will study and discuss the human body and its various organ systems. There will be a concentration on proper nutrition and exercise. The content includes but is not limited to basic information about the kinds of jobs and workers involved the various career paths, financial rewards, occupational hazards, and educational requirements. Information concerning the practices for promoting good health is included.

Specialized Student Interest Electives

Grade	Course	Length of Course	Description
7-8	STUDENT AMBASSADORS 0500000AB	1 Year	Student Ambassadors are a group of students dedicated to the positive promotion of Sanford Middle School. Ambassadors will be the image and voice within our school and community. This course will help develop and provide leadership training in public relations, communication, and interpersonal skills. Students will learn the important life skills including but not limited to, professional conduct, basic etiquette, and social manners, appropriate collaborative interactions, and effective time management. Students will be expected to earn service hours as they practice their skills through community service within our school and community.. Fill out Interest Form Here
6-7-8	YEARBOOK 1 1006000YB	1 Year	The yearbook elective is a full-year commitment to being the staff of Sanford Middle School's yearbook. During the year, students will enhance teamwork, time management, organizational, and writing and editing skills while learning photography and the computer technology necessary to design each page of the yearbook. Students entering this course must commit to meeting deadlines, as well as attending extracurricular events and special training clinics. Yearbook staff members also learn business and sales skills and are required to solicit advertisements. References and parent consent forms must accompany the application for this class. Fill out Interest Form Here

7-8	<p>VIDEO PRODUCTION 3 82605000</p> <p>Prerequisite: Video Production 1 OR 2</p>	1 Sem	Video production three is responsible for taking different news pieces and producing the morning news. Students in this class will develop school-based news stories, create visual aids to enhance the information, deliver the news, and adjust audiovisual equipment to make sure all parts of the news are professional looking. Students will also work with clients that come into the studio as guest speakers to ensure the sound is correct, lighting is adequate, and their script is on point. Fill out Interest Form Here
7-8	<p>TECH TEAM 0500000ET</p>	1 Year	In this year long course, students apply information technology skills in a real-life setting as they help support IT needs in classrooms and offices across campus. Students receive hand-on training in technology systems and support. Students must complete an application and demonstrate an appropriate level of prior experience with technology hardware and software.. Fill out Interest Form Here
8	<p>PRE-VETERINARY 3</p> <p>Prerequisite: Pre-Vet 1 & 2 Co-Requisite: Students must be enrolled in Comp 3 Adv Science OR Env. Sci Honors</p>	1 Sem	Pre-Vet 3 is a Zoo Magnet program that will be offered as an elective for 8 th grade students. Sanford Middle School will be collaborating with allow hands-on experience at the Central Florida Zoo. Fill out Interest Form Here
8	<p>MARINE BIOLOGY 3 2000025MB3</p> <p>Prerequisite: Marine Bio 2</p>	1 Sem	This course will focus on marine mammals as well as sea turtles. Students will look at conservation efforts to help protect the marine environment from human impact, and study husbandry techniques of marine life in aquarium settings. Included activities: Sea World field trip; stingray and pregnant shark dissections. Fill out Interest Form Here
8	<p>AERONAUTIC SCIENCE 3 1700000AN3</p> <p>Prerequisite: Aero 1 & 2</p>	1 Sem	Students build on their aeronautics history and fundamentals of flight knowledge learned in Aero 1 & 2. Aero 3 starts with a six-week block of instruction on the space program and the heroes of the Apollo moon missions. These lessons are coupled with flight simulator missions. These lessons are coupled with flight navigation skills, aviation weather and aeromedical considerations. Students will have access to our state-of-the-art Flight Simulator. Fill out Interest Form Here
7-8	<p>SPEECH AND DEBATE 2 1007010</p> <p>Prerequisite: Speech and Debate 1</p>	1 Year	Speech and Debate 2 offers a more in-depth look at the formal aspects of public speaking and competitive debate. The course will build on knowledge from Speech and Debate 1 and will serve as an incubator for our Speech and Debate competition teams. Fill out Interest Form Here

Registration Process

To complete the registration form, students need to know several things:

1. Students have 7 academic periods to fill on their daily schedule.
2. Four of those periods are the core courses of math, science, language arts, and social studies.
3. Students choose the level of content area course they will take for the following year (Standard/Advanced/IB).
4. **Becoming a Pre-IB Prep. Student:**
 - ✦ **Out of Zone students** chose to be a Pre-IB Prep. student during the random selection application process. If you did not choose to be Pre-IB during that time you can choose to be a Pre-IB student during the registration process by checking the Pre-IB box on the registration form and selecting the Pre-IB courses.
 - ✦ **In Zone students** can choose to be a Pre-IB student during the registration process by checking the Pre-IB box on the registration form and selecting the Pre-IB courses.
 - ✦ **All Pre-IB Prep students** must check the Pre-IB box on the registration form. ✦ **All Pre-IB Prep students** must take all advanced level/Pre-IB core courses.
5. All Pre-IB students **MUST** select a Math class on their registration form.
6. Non-Pre-IB students may take as many advanced level core courses as they want or all standard level core courses.
7. All 6th & 7th graders also take 1 semester of PE (Physical Fitness) and 1 semester of the required ePathways Computer Course for their grade level.
8. Remaining electives should be in rank order by student preference on the selection form.
9. Pre-IB students are required to take Spanish as an elective. The 6th and 7th grade students will take a semester Spanish elective. Eighth grade Pre-IB students will take Pre-IB Spanish I for high school credit.
10. When completing the elective portion of the registration form please follow the directions carefully. Please note the important directions about choosing electives and rank ordering them (1 being your top choice). Every effort is made to give students their top choices but there is no guarantee for electives. Space is limited for all electives; content area courses take priority on a student's schedule.

Family Guidelines and Considerations while Scheduling

1. Review the courses listed and consult with your classroom teachers over course selections.
2. Review the Curriculum Guide and discuss your course selections with your parents/guardians.
3. Write down any questions you may have for your counselor.
4. Fill in personal information at the top of the registration form.
5. Check off your required course selections. Make sure to include level of courses selected.
6. Rank order your electives you have selected.
7. Once your registration form is complete, have your parent/guardian sign it and return the form to your guidance counselor.

High School Credit

Students may be awarded high school credit beginning in 7th Grade and into 8th Grade for the following courses:

Algebra I - The student must successfully complete the course and demonstrate mastery of the Sunshine State Standards.

Students may retake Algebra I for grade recovery and credit during the regular 9th grade school year.

Algebra I Honors - The student must successfully complete the course and demonstrate mastery of the Florida State Standards.

Students may retake Algebra I for grade recovery and credit during the regular 9th grade school year.

Geometry I Honors - [Prerequisite: Algebra I Honors] The student must successfully complete the course and demonstrate mastery of the Florida State Standards. Students may retake Geometry for grade recovery and credit during the regular 9th grade school year.

PRE-IB Spanish I – Year long 8th grade course. Must be an IB student.

HS Spanish 1– Year long 8th grade course.

Environment Science- The student must successfully complete the course and demonstrate mastery of the Florida State Standards (**EOC**). Students may retake **Environmental Science Honors** for grade recovery and credit during the regular 9th grade school year.

Digital Information Technology - Year-long course includes MOS (Microsoft Office Specialist) certification in Word, Excel, and PowerPoint.

-----Grades earned in high school credit courses will reflect on high school transcripts. As indicated in the Student Progression Plan, students are unable to drop a high school credit course after the first quarter-----



6th Grade Course Request Form 2021-2022

Office Use ONLY
STEM MAGNET

ZONED
 OUT OF ZONE

Revised 1/4/2021

STEM MAGNET SELECTION FORM

Student Services Department
1700 French Ave.
Sanford, FL 32771
Phone: 407-320-6154

Student Last Name:	Student First Name:
Student ID:	Current School:

SELECT one course level listed under each Content Area. Gifted courses must meet eligibility criteria.

Language Arts	World History	Comprehensive Science	Math
<input type="checkbox"/> 1001010 M/J Language Arts 1 <input type="checkbox"/> 1001020 M/J Language Arts 1 Adv. <input type="checkbox"/> 1001020L M/J Language Arts 1 Gifted	<input type="checkbox"/> 2109010 M/J World History <input type="checkbox"/> 2109020 M/J World History Adv. <input type="checkbox"/> 2109020L M/J World History Gifted	<input type="checkbox"/> 2002040 M/J Comprehensive Science 1 <input type="checkbox"/> 2002050 M/J Comprehensive Science 1 Adv. <input type="checkbox"/> 2002050L M/J Comprehensive Science 1 Gifted	<input type="checkbox"/> 1205010 M/J Math 1 <input type="checkbox"/> 1205020 M/J Math 1 Adv. <input type="checkbox"/> 1205020L M/J Math 1 Adv. Gifted <input type="checkbox"/> 1205020LG GEMs Math

Choose 10 Elective courses from below. RANK ORDER them from 1 thru 10 with number 1 being your top selection. Students who need Intensive Reading or Math classes will be placed in those courses first and then electives. Student scheduling priority is based on Content Area classes and Electives are not guaranteed. Terms to know, Semester = .5 and Year Long = 1.0.

*All 6th Grade Students are required to take PE and iChallenge 1

Check the Box if you want PE Year Long Name of PE Course #2 _____

#	Course Name	#	Course Name	#	Course Name
	iChallenge 2--.5 (9009200A)		Chorus 1--.5 (1303000)		Pre-Vet 1 -- .5 (200025PV1)
	Gaming 1--.5 (9009100A)		Drama 1--.5 (0400000)		Herp 1 -- .5 (2000025EH1)
	Art 1--.5 (0101005)		Speech & Debate--.5 (1007000)		Marine Bio 1 -- .5 (2000025MR1)
	Band 1 -- 1.0 (1302000)		Creative Writing 1 --.5 (1009000)		Robotics 1 -- .5 (2003030RL1)
	Guitar 1--.5 (1301060)		Video Prod. 1 --.5 (8260300)		Eng. Design -- .5
	Intro to Percussion--.5		Aero 1 -- .5 (1700000AN1)		Pre-Med 1 -- .5 (8709350)
			Ecology -- 05 (2002200E)		Conv. Spanish--.5 (0708100)
	Virtual School Course (.5) Name:		Yearbook--1.0 (1006000YB)		S.E.E.D. -- .5 (1700100)
			Fill out Interest Form		Fill out Interest Form



6th Grade Course Request Form 2021-2022

PRE-IB PREP MAGNET SELECTION FORM

Student Services Department
1700 French Ave.
Sanford, FL 32771
Phone: 407-320-6154

Office Use ONLY
PRE-IB PREP
MAGNET

ZONED
 OUT OF ZONE

Revised 1/4/2021

Student Last Name:	Student First Name:
Student ID:	Current School:

SELECT one course level listed under each Content Area Course.
Gifted courses must meet eligibility criteria.

Language Arts	World History	Comprehension Science	Math
<input type="checkbox"/> 1001020LI M/J Language Arts 1 IB	<input type="checkbox"/> 2109020LI M/J World History IB	<input type="checkbox"/> 200050LI Comprehensive Science 1 IB	<input type="checkbox"/> 1200020 M/J/ Math 1 Adv. <input type="checkbox"/> 1205020L M/J Math 1 Adv. Gifted <input type="checkbox"/> 1205020LG GEMs Math
REQUIRED PRE-IB PREP ELECTIVES			
<small>The electives below will be automatically scheduled for all Pre-IB PREP Students at SMS</small>			
0708000 Spanish 6 IB (.5)	09200 iChallenge 1 (.5)	1508060 PE (.5)	

Choose 10 Elective Courses from below. RANK ORDER them from 1 thru 10 with number 1 being your top selection. Students who need intensive Reading or Math classes will be placed in those courses first and then electives. Student scheduling preferences based on Content Area classes and Electives are not guaranteed. Terms to know, Semester = .5 and Year Long = 1.0.

***All 6th Grade Students are required to take PE and iChallenge 1**

the Box if you want PE Year Long Name of PE Course #2

#	Course Name	#	Course Name	#	Course Name
	iChallenge 2--.5 (9000200A)		Chorus 1--.5 (1303000)		Pre-Vet 1 -- .5 (200025PV1)
	Gaming 1--.5 (09100A)		Drama 1--.5 (0400000)		Herp 1 -- .5 (2000025EH1)
	Art 1--.5 (0101005)		Speech & Debate--.5 (1007000)		Marine Bio 1 -- .5 (2000025MR1)
	Band 1 -- 1.0 (1302000)		Creative Writing 1 --.5 (1009000)		Robotics 1 -- .5 (2003030RL1)
	Guitar 1--.5 (1301060)		Video Prod. 1 --.5 (8260300)		Eng. Design -- .5
	Intro to Percussion--.5		Aero 1 -- .5 (1700000AN1)		Pre-Med 1 -- .5 (8709350)
			Ecology -- 05 (2002200E)		Conv. Spanish--.5 (0708100)
	Virtual School Course (.5) Name:		Yearbook--1.0 (1006000YB)		S.E.E.D. -- .5 (1700100)
			Fill out Interest Form		Fill out Interest Form



SEMINOLE COUNTY PUBLIC SCHOOLS
Visit Our Web Site
<https://www.scps.k12.fl.us/>

Visit Sanford Middle School Web Site
<http://www.sanford.scps.k12.fl.us>