Sanford MIDDLE SCHOOL

MATH SCIENCE TECHNOLOGY MAGNET

Where We Ride the Stars to Success!

2012-2013
Curriculum Guide

Welcome to our
Pre IB-Prep. Math Science
Technology Magnet School where
we educate the whole child
with excellence in academics, character
education, and wellness.
Our mission is to empower innovative,
collaborative, critical thinkers who ac-
tively engage in the improvement of our
ever-changing, technological global
society. Our intensive, performance-based
academic program coupled with our extra
and co-curricular opportunities provides
a wonderful vehicle to teach and
develop the lifeskills necessary
for life-success.

Mark Russi
Principal

Welcome to Sanford Middle School
Pre IB Prep, Math, Science, Technology Magnet

Mission Statement

Our mission is to empower innovative, collaborative, critical thinkers who actively engage in the improvement of our ever-changing, technological global society.

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Administration / Guidance

Mark Russi, Principal

Timothy Hurd	Assistant Principal
Betty Rodriques	Assistant Principal
Dumarie Rodriguez-Dillard	Assistant Principal
Richard Burkett	Dean of Students
Samuel Davis	Dean of Students
Dr. Marybeth Donaldson	Counselor
Gaylar Mitchell	Counselor
Dr. Timothy Russell	Counselor

Higher Level Course Enrollment Criteria

Seminole County recognizes the benefits students derive from higher level course participation and the importance of fair and equitable standardized criteria for enrollment in higher level courses. Students may elect to enroll in higher level courses based on any one of the multiple criteria. Multiple enrollment criteria includes, but is not limited to, self-selection, teacher recommendation, previous academic success, and standardized or state test scores. Where applicable, prerequisite course completion is required.

How Do I Register?

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: 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 attend the Curriculum Night on February 9th and/or the Registration Information night on March 6th.

Guidelines

1. Study the courses listed and consult with your classroom teachers over course selections.
2. Take the curriculum guide home 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 to your guidance counselor.

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 1and 2 in Math or Reading on the FCAT SSS exam will be placed in an intensive program. Every effort will be made not to disrupt the educational process when such changes become necessary.

Registration Calendar

Thursday, February 9	SMS Curriculum Night
Monday, February 13	Elementary School visits begin
Tuesday, March 6	Registration Information Night (6:30 P.M. in the Cafeteria)
Friday, March 9	Registration forms are due

Registration

General Information: This information describes the requirements for students for three years at SMS.

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

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 keyboarding and computer applications. All students are required to take one-semester of Physical Fitness during 6th and 7th grades.

Choices- SMS provides many choices for students and parents concerning their education. They are as follows:

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

Non-core Required Courses:

Basic Skills: Students are required to show competency in reading, writing, and math. If a student does not have grade-level reading, writing, and/or math skills, he/she is required to take Intensive Reading, and/or Intensive Math.

Technology: Students are required to demonstrate competence in technology by being able to "keyboard" at a minimum of 30 words per minute and effectively do word processing, spread sheets, data-base, and PowerPoint. Students are scheduled to Business Education Computer Keyboarding in 6th grade and Business Education Computer Applications in 7th grade. Sixth grade students in Business Keyboarding will be assessed on their competencies no later than the first week and if they demonstrate minimum or more competency, they will be able to "test out" of this classes. Seventh grade students in Computer Applications will NOT be able to test out.

More information about the registration process can be found on page 27.

Middle School
Student Progression Plan Information

1. Middle School Instructional Program – Florida's Sunshine State Standards serve as the foundation of the middle school curriculum for the Seminole County Public Schools. Student mastery of subject area content consists of such things as teacher observation, classroom assignments, tests, and exams.
2. Florida's Comprehensive Assessment Test – Middle school students are required to participate in the state's accountability testing program. Student performance in the areas of reading and mathematics is assessed in grades 6-8. Student performance in science and writing is also assessed in grade 8.
3. Core Academic Program Requirements – Middle school students are required to receive 3 years of instruction in language arts, math, science, and social studies.
4. Additional Instructional Program Requirements – Middle school students have the opportunity to participate in regularly scheduled physical education classes, as well as exploratory, enrichment, and elective classes.
5. Grouping 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.
6. Advanced Classes – Enrollment in advanced core academic classes is open to any student who wishes to take on the challenge of a more rigorous curriculum that prepares students for higher level courses in high school. Students are invited to enroll and are required to commit, in writing, to doing the extra studying and work required to be successful in these classes. Advanced classes are offered in math, language arts, science, and social studies.
7. 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.
8. Remediation –Students who are not performing at grade level will be enrolled in intensive reading, and/or intensive math classes. Principals may substitute an intensive class for any course on a student's schedule. However, exploratory, enrichment, and elective classes will be given first consideration for schedule changes for academic support classes.
9. 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.

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

Grading Policy

Upon completion of each nine-week grading period, a Report Card will be issued. Following is the grading system for Seminole County Public Schools, grades 6 - 8:

Letter Grade	=	Percentage Range	=	Quality Points
A		90 -100		4
B		80 - 89		3
C		70 - 79		2
D		60 - 69		1
F		below 60		0
W		Withdrawal		
I		Incomplete		

The following is used to determine final grades only:

3.6 - 4.0 = A
2.6 - 3.5 = B
1.6 - 2.5 = C
.75 - 1.5 = D
Below 0.75 = F

Eighth grade students enrolled at middle school sites in Algebra I for high school credit and eighth grade students enrolled in a ***foreign language*** course for high school credit will be graded in accordance with the high school grading policy. In addition, Sanford Middle School students may take high school Biology, Geometry, and Spanish for high school credit. Should a student take Algebra II, it will be taken at Seminole High School in the morning in Algebra II Honors.

Attendance

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

Medical treatment by a licensed physician*
Observance of a religious holiday
Law enforcement order or court subpoena
Death of a family member
Natural disaster
Traffic accident that directly involves the student
Extraordinary circumstances or situations, prearranged and with Principal permission.

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

*Note 1: It is understood that on every occasion of sickness, a student will NOT require medical attention by a licensed health care professional. Short term, non-chronic illnesses may be documented/explained via a signed parent note. In such circumstance, the student shall suffer no academic penalty, provided that all course work, examinations, etc. are made up within a reasonable period of time. For continued absence due to illness of 10 or more days, a doctor/health professional's note is required.

*Note 2: A "reasonable period of time" to make-up work is defined as: At a minimum, the student shall have no less than the number of days he/she was absent to complete and hand in make up work for credit. Specific arrangements must be made with the student's teacher.

*Note 3: A student who is absent is required to make up all course work missed, regardless of whether the absence is excused or unexcused. It is the student's responsibility to obtain assignments upon returning to class immediately following an absence.

Middle School Grade Placement

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 is retained.

Course of Study

Student Performance Standards:

Seminole County Public Schools incorporates the Sunshine State Standards as district standards and academic outcomes are developed and/or revised for grades 6 - 8 in the core curriculum subjects of math, science, social studies, and language arts.

It is the responsibility of the classroom teacher to provide instruction and assessment of student mastery of the district standards and academic outcomes in each course. Assessment of mastery consists of teacher observation, classroom assignments, and examinations. In addition, criterion referenced district level testing may be used to establish base line data and assess student achievement in reading, math, science, social studies, and language arts. The Florida Comprehensive Assessment Test (FCAT), Abacus, and FCAT Norm-Referenced Test are administered to ensure mastery.

Regular Program:

General Requirements

Middle school students in Seminole County Public Schools shall receive instruction in the following subjects:

Mathematics - Three years

Language Arts - Three years, which includes experience in reading, writing, speaking and listening.

Science - Three years of science which includes instruction in earth / space science, life science, physical science.

Social Studies - Three years, includes the study of the United States, world geography, civics, world history, and Florida history.

Career Awareness is taught as part of our 7th grade Computer Applications Course.

Critical Thinking Skills taught at all three grade levels in all curriculum areas.

Physical Education instruction is regularly scheduled.

Developmental Experiences in courses such as art, music, health, computer literacy, and exploratory education is regularly scheduled.

High School Credit

Students may be awarded high school credit in the eighth grade for the following courses:

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

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

Spanish I Standard- One year in 8th grade
PRE-IB Spanish I - One year 8th grade course. Must be an IB student.
Biology I Honors - [Corequisite - Algebra I] The student must successfully complete the course and demonstrate mastery of the Sunshine State Standards. Students may retake Biology for grade recovery and credit during the regular 9th grade school year.

SCPS Pre-IB Prep or Advanced Core Academic Courses

NOTE: Enrollment in advanced-level courses is open to any student but enrollment in Pre-IB Prep requires an application process. To be classified as Pre-IB Prep, a student would need to take all Pre-IB Prep academic courses. A student may take selected Advanced/Pre-IB Prep courses and their school records will indicate the advanced designation for those courses.

These courses were developed to meet the needs of students seeking a more rigorous course of study through an in-depth study of these subjects utilizing more challenging reading, writing, and research assignments.

Some indicators of student success in advanced-level or Pre-IB Prep courses are FCAT Scores, performance in previous courses, and teacher recommendation. Student motivation, commitment to hard work, and interest are important factors in a student's success. Therefore, it is possible for a student less prepared to do well in these courses with the proper motivation, commitment to hard work, and interest.

Special 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 Reading
This course is designed to improve the reading skills of students who are functioning below grade level. The course encompasses phonics, reading comprehension, fluency, vocabulary, phonemic awareness. All students scoring at level 1 or 2 on the previous years FCAT will be placed in this course. Students who score at level 3 but have a high probability of regressing to levels 1 & 2 may be provided the opportunity for additional support in our reading program.

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 FCAT 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 & 2 may be provided the opportunity for additional support in our reading program.

Standardized Testing

Florida Comprehensive Assessment Test - The **FCAT** is administered in Second Semester and assesses high-level, challenging state standards (which incorporate the Sunshine State Standards) in assessing mastery of reading, mathematics, and writing skills(measures students' proficiency in writing responses to assigned topics within a designated testing period. This test assesses higher order skills as students are required to generate and develop ideas that form the basis for their written responses.) 6th and 7th graders do not take the official writing or Science portion but participate in a simulation.

FCAT Testing

6th Grade:
FCAT SSS Reading administered in the spring.
FCAT SSS Math administered in the spring.

7th Grade:
FCAT SSS Reading administered in the spring.
FCAT SSS Math administered in the spring.

8th Grade:
FCAT Writing administered in the spring.
FCAT SSS Reading administered in the spring.
FCAT SSS Math administered in the spring.
FCAT Science administered in the spring.

Remediation Opportunities

After School Tutorial Program - Any student may participate in the after school tutorial instruction program. Check with the school for the days and times. Students must provide their own transportation.

High School Summer Transition Program - Eighth graders with a final GPA below a 2.0 will be encouraged to attend the Transition Program. They will have the opportunity to earn a high school credit, be granted a promotion to the 9th grade and have a scholarship opportunity through our partner - Seminole Community College.

SCPS Pre-International Baccalaureate Preparatory Program at Sanford Middle School

SCPS Pre-International Baccalaurette Preparatory themes and information:

- The SCPS Pre-International Baccalaureate Prep program is available to academically challenge students and to help prepare students for honors, Advanced Placement, or International Baccalaureate high school courses/program.
- The SCPS Pre-IB Prep progam is usually taken by college-bound students who want to be academically challenged and to be immersed in an accelerated program.
- These courses follow a different, more rigorous and faster paced curriculum than the standard level course strand.
- No entrance requirements are mandated, however, students are required to maintain a 3.0 (B average) to remain in the program. There is support to assists students who experience some difficulty and every effort is made to ensure the success of our students. Successful completion of the SCPS Pre-IB Prep program at Sanford Middle will allow acceptance into the IB program at Seminole High School.
- Application forms are available in all elementary and middle school guidance offices and at the Educational Support Center.
- Bus transportation is provided to all students living more than 2 miles from the school.

- ***Students are expected to invest more time in homework, projects, research activities, and community service as well as perform at a higher level than in the standard level course.***

- Admission into the high school program requires an on-time application through the **Choices Office**.

- **The SCPS Pre-IB Prep Program-** The SCPS Pre-IB Prep program prepares students for the International Baccalaureate Program at the 11th & 12 grade levels at Seminole High School. The advantages of the IB program include:
  - Rigorous academic preparation for college
  - An internationally recognized diploma honored by colleges and universities throughout the world
  - Advanced placement and course credit (as much as one year) in many prestigious colleges and universities
  - Examinations based on international standards and evaluated by international educators
  - Curriculum taught from a global perspective incorporating the best educational elements from around the world
  - A sense of accomplishment in meeting the challenge of an international standard of excellence
  - Participation in an interdisciplinary team of dedicated students
  - A world class education in Seminole County

- SCPS Pre-IB Prep teachers follow the course-specific Scope & Sequence.
- Community Service- The goal of community service in a SCPS Pre-IB Prep program should be to develop a service mind-set. This can be done when it is incremental and transitional, and when we give students the opportunity to do community service while having a good time. 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.
- We want to instill the sense of service to all of our students.

Standard Program			Pre-International Baccalaureate Prep Program		
6th Grade	**7th Grade**	**8th Grade**	**6th Grade**	**7th Grade**	**8th Grade**
Math*	Math*	Pre-Algebra **OR** Algebra I Standard	Pre-IB Math **OR** Pre-Algebra	Pre Algebra **OR** Honors Algebra I	Honors Algebra I **OR** Geometry I Honors **OR** Algebra II
Earth Space Sci.*	Physical Sci.*	Life Sci.*	***Pre-IB*** Earth Space Sci.	***Pre-IB*** Physical Sci.	***Pre-IB*** Life Sci. **OR** H.S.Honors Biology
World History*	Civics*	U.S. History *	***Pre-IB*** World History	***Pre-IB*** Civics	***Pre-IB*** U.S. History
Lang. Arts*	Lang. Arts*	Lang. Arts*	***Pre-IB*** Lang. Arts	***Pre-IB*** Lang. Arts	***Pre-IB*** Lang. Arts
			6th grade Spanish	***Intro. to*** Spanish ***or 7th grade*** Spanish	***Pre-IB*** Spanish I

These courses may be taken at advanced level

Required Non-Core Academic

Physical Fitness I Computer Applications I (Keyboarding)	Physical Fitness II Computer Applications II [Word, PowerPoint, Excel DataBase, Excel Spreadsheet, Intro to ACCESS]		Physical Fitness I Computer Applications I (Keyboarding)	Physical Fitness II Computer Applications II [Word, PowerPoint, Excel DataBase, Excel Spreadsheet, Intro to ACCESS]	P.E. elective **OR** Extra-curricular physical activity involvement

*R*eadiness & *E*xploration in *A*dvanced *L*earning Magnet & Elective Strands

Humanities

- Band I
- Band II
- Band III
- Jazz Band
- Guitar I
- Intro to Chorus
- Chorus I
- Chorus II
- Musical - Keyboards
- Art I
- Art II
- Cartooning & Caricatures
- Fundamentals of Music Theory
- Drama I
- Drama II
- Newspaper I
- Newspaper II
- Yearbook I
- Yearbook II
- FutureTeachers
- 6th Grade Spanish
- 7th Grade Spanish
- Spanish I
- Speech & Debate
- Archeology

Wellness

- Physical Fitness
- Intro. to Golf
- Court Sports
- Individual Sports
- Field Sports
- Tennis
- Cheerleading
- Dance
- Volleyball
- Cheerleading II
- Basketball
- P.E. Assistant
- Air Force Junior ROTC
- Weight Training
- Body Wellness

Math & Science

- Science Project Strategies:
  - Biology, Marine Biology & Botany
  - Chemistry & Physics
  - Meteorology, Earth & Environmental Sciences
- Marine Biology
- Marine Biology II
- H.S. credit Biology
- PreMedical I
- PreMedical II
- PreMedical III
- PreVeterinary I
- PreVeterinary II
- PreVeterinary III
- Bio-Technology I
- Bio-Technology II
- Pre-Aeronautics I
- Pre-Aeronautics II
- Pre-Aeronautics III
- Pre-Space Science I
- Pre-Space Science II
- Pre-Space Science III
- Pre-Engineering Science I
- Pre-Engineering Science II
- Introduction to Applied Physics
- Robotics
- Pre-Architectural Science I
- Pre-Architectural Science II
- Pre-Architectural Science III
- Meteorology
- Prep. Geometry & Algebra II

Technology -TechPrep

- Video Production I
- Video Production II
- Video Production III
- Technology in Music & Theater
- Digital Photography
- Graphic Art & Design
- Fashion Design
- Interior Design
- DeskTop Publishing
- Intro. to Building Construction
- Intro. to Combustion Engine
- Exploring Technology
- A+ Prep Training
- Web Page Design
- Programming
- Pre-Networking Systems

6TH GRADE LANGUAGE ARTS
Prerequisite:
Grade: 6 Year
The language arts curriculum consists of reading, literature, composition, grammar, spelling, and vocabulary development. Reading skills will be reinforced through fiction, nonfiction, poetry, and drama. Students enhance writing skills through expressive, narrative, and informative writing. Students participate in a formal unit on speech presentation.

6TH GRADE ADV/PRE-IB PREP/GIFTED LANGUAGE ARTS
Prerequisite:
Grade: 6 Year
The SCPS Pre International Baccalaureate Preparatory (Pre-IB Prep) classes have more in depth study and students are expected to perform at higher levels. The "Areas of Interaction" (environment, health, community service, approaches to learning) are incorporated into all curriculum areas. This language arts curriculum is advanced and accelerated. It consists of literature, composition, grammar, spelling, and vocabulary. Reading skills will be reinforced through drama, nonfiction, poetry, and novels/short stories. Students enhance writing skills through expressive, narrative, persuasive, and informative writing. This curriculum is enriched horizontally while accelerated vertically.

7TH GRADE LANGUAGE ARTS
Prerequisite:
Grade: 7 Year
Seventh grade language arts consists of literature, composition, grammar, spelling, and vocabulary. Reading skills are reinforced through fiction, nonfiction, poetry, and drama, with an emphasis on poetry. Students continue to build writing skills through expository and persuasive writing. Presentation skills of media marketing will be critiqued as well as studied through student involvement in speech making.

7TH GRADE ADV/PRE-IB PREP/GIFTED LANGUAGE ARTS
Prerequisite:
Grade: 7 Year
The Pre International Baccalaureate Preparatory (Pre-IB Prep) classes have more in depth study and students are expected to perform at higher levels. The "Areas of Interaction" (environment, health, community service, approaches to learning) are incorporated into all curriculum areas.
Advanced language arts in seventh 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. However, enrollment is open to any student willing to be challenged by an in-depth analysis of the English language.
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 often 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 continues; and 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 skill development; therefore, extra reading outside of class is a requirement for this subject.

8TH GRADE LANGUAGE ARTS
Prerequisite:
Grade: 8 Year
The 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 enhance writing skills through persuasive and expository writing, producing a variety of finished products including poems, summaries, reviews, interviews, and reports. Students will be expected to recognize occasion, audience, and purpose when speaking formally and informally.

7TH GRADE ADV/PRE-IB PREP/GIFTED LANGUAGE ARTS
Prerequisite:
Grade: 8 Year
The advanced language arts curriculum involves moving at a vigorous pace. Vocabulary is enhanced through analogies and writing usage. Reading of short stories and numerous novels is performed outside of the classroom, leaving class time for in-depth analysis. Students use the internet to research background material for poetry and literature. Classical poetry is studied, analyzed, and interpreted. Literary analyses are applied to short stories and novels. In grammar, a full complement of verb tenses, verbals, pronoun cases, clauses, and diagramming is studied. Students critique essays they write covering the literature studied during the semester.

6TH GRADE WORLD HISTORY
Prerequisite:
Grade: 6 Year
The sixth grade social studies curriculum consists of the following content area strands: World History, Geography, Civics, and Economics. The primary content for this course pertains to the world's earliest civilizations to the ancient and classical civilizations of Africa, Asia, and Europe. Students will be exposed to the multiple dynamics of world history including economics, geography, politics, and religion/philosophy. Students will study methods of historical inquiry and primary and secondary historical documents.

6TH GRADE ADV/PRE-IB PREP/GIFTED WORLD HISTORY
Prerequisite:
Grade: 6 Year
The Pre International Baccalaureate Preparatory (Pre-IB Prep) classes have more in depth study and students are expected to perform at higher levels. 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 to the ancient and classical civilizations of Africa, Asia, and Europe. Students will be exposed to the multiple dynamics of world history including economics, geography, politics, and religion/philosophy. Students will study methods of historical inquiry and primary and secondary historical documents.

7TH GRADE CIVICS
Prerequisite:
Grade: 7 Year
The seventh grade social studies curriculum consists of the following content area strands: Civics, Geography, and Economics. The primary content for the course pertains to the principles, functions, and organization of government; the origins of the American political system; the roles, rights, responsibilities of United States citizens; and methods of active participation in our political system. The course is embedded with strong geographic and economic components to support civic education instruction.

7TH GRADE ADV/PRE-IB PREP/GIFTED CIVICS
Prerequisite:
Grade: 7 Year
The Pre International Baccalaureate Preparatory (Pre-IB Prep) classes have more in depth study and students are expected to perform at higher levels. 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.

8TH GRADE UNITED STATES HISTORY TO 1880
Prerequisite:
Grade: 8 Year
The purpose of this course is to enable students to understand the development of the United States within the context of history by examining connections to the past to prepare for the future as participating members of a democratic society. The student will examine political, economic, technological and social developments of the United States from the Exploration Period through Reconstruction, with special emphasis on Florida's role. The course of study should include, but is not limited to: the impact of expansion on the development of America; political, social, and economic conflicts and compromise; influence of diverse groups on cultural development of the U.S.; key concepts of the U.S. Constitution and other historical documents. This course meets the Florida Middle School Civics requirement.

8TH GRADE ADV/PRE-IB PREP / GIFTED UNITED STATES HISTORY TO 1880
Prerequisite:
Grade: 8 Year
The purpose of this course is to enable students to understand the development of the United States within the context of history by examining connections to the past to prepare for the future as participating members of a democratic society. The student will examine political, economic, technological and social developments of the United States from the Exploration Period through Reconstruction, with special emphasis on Florida's role. The course of study should include, but is not limited to: the impact of expansion on the development of America; political, social, and economics conflicts and compromise; influence of diverse groups on cultural development of the U.S.; key concepts of the U.S. Constitution and other historical documents. This course meets the Florida Middle School Civics requirement. Note: This course was developed to a more rigorous in-depth study of United States History utilizing challenging reading, writing and research assignments.

6TH GRADE EARTH/SPACE SCIENCE
Prerequisite:
Grade: 6 Year
The sixth grade science curriculum builds on the skills and concepts studied in fifth grade. These skills and concepts include basic safety skills, use of the scientific method and the metric system. Emphasis is placed on the use of the scientific method to solve problems and understand natural phenomena. The Earth-Space science course provides an opportunity for students to explore the earth's materials, processes, place in the universe, and history. Other topics covered in this course are meteorology, oceanography, astronomy, and geology. Laboratory activities and safe laboratory techniques are an essential part of this course. Projects are used to further the students' understanding of the key concepts. All students will have to opportunity to participate in the Science Fair.

6TH GRADE PRE-IB PREP/GIFTED EARTH/SPACE SCIENCE
Prerequisite:
Grade: 6 Year
Sixth grade students at the advanced level, in addition to demonstrating the standard level, make connections among unifying concepts and processes to explain the natural world and the dynamic nature of science. The cognitive complexity for students at this level reaches into a higher level of thinking, requiring frequent responses, citing evidence, drawing conclusions, explaining phenomena, and using concepts to solve problems. Students extend many of the higher level thinking skills over an extended period of time, making connections between related concepts and phenomena and synthesizing ideas into new concepts. They will propose new problems, questions and/or experimental designs based on results or research. Students analyze information to provide new insights and draw related logical conclusions that are not immediately obvious. The will identify issues, evaluate science information and principles, and make and support decisions, with justification. Students independently research how scientific knowledge changes and grows due to the contributions of individuals. They will also be required to complete a science fair project.

7TH GRADE PHYSICAL SCIENCE
Prerequisite:
Grade: 7 Year
The seventh grade science curriculum introduces students to basic laboratory safety skills, use of the scientific method, and measuring in the metric system. The content area for the sixth grade focuses on chemistry and physics. Chemistry deals with the properties of matter, changes of matter (physical and chemical) and the atomic model of matter. While taking this course students will investigate a variety of concepts including force, energy, laws of motion, light and sound. Laboratory investigations and safe laboratory techniques are an essential part of this course. Projects are used to further the student's understanding of key concepts. All students will have to opportunity to participate in the Science Fair.

7TH GRADE ADV/PRE-IB PREP/GIFTED PHYSICAL SCIENCE
Prerequisite:
Grade: 7 Year
Seventh grade students at the advanced level, in addition to demonstrating the standard level, make connections among unifying concepts and processes to explain the natural world and the dynamic nature of science. The cognitive complexity for students at this level reaches into a higher level of thinking, requiring frequent responses, citing evidence, drawing conclusions, explaining phenomena, and using concepts to solve problems. Students extend many of the higher level thinking skills over an extended period of time, making connections between related concepts and phenomena and synthesizing ideas into new concepts. They will propose new problems, questions and/or experimental designs based on results or research. Students analyze information to provide new insights and draw related logical conclusions that are not immediately obvious. The will identify issues, evaluate science information and principles, and make and support decisions, with justification. Students independently research how scientific knowledge changes and grows due to the contributions of individuals. They will also be required to complete a science fair project.

8TH GRADE LIFE SCIENCE
Prerequisite:
Grade: 8 Year
The eighth grade curriculum builds on the skills and concepts studied in the sixth and seventh grade. Safety skills and the use of the scientific methods, and metric system are utilized to further students' knowledge of science. The content for the eighth grade deals with life science. The focus of the course starts with the animal and plant cells and move on to the classification systems for the major kingdoms (i.e., bacteria fungi protists plants and animals) of life. Also included in the course is the study of the human body, human sexuality, genetics, and evolution. The course culminates with the sturdy of the ecology of our surroundings. Laboratory techniques and safe laboratory techniques are an essential part of the course. Projects are used to further the students' understanding of the key concepts. All students will have to opportunity to participate in the Science Fair.

SCIENCE

8TH GRADE ADV/PRE-IB PREP/GIFTED LIFE SCIENCE
Prerequisite:
Grade: 8 Year
Eighth grade students at the advanced level, in addition to demonstrating the standard level, make connections among unifying concepts and processes to explain the natural world and the dynamic nature of science. The cognitive complexity for students at this level reaches into a higher level of thinking, requiring frequent responses, citing evidence, drawing conclusions, explaining phenomena, and using concepts to solve problems. Students extend many of the higher level thinking skills over an extended period of time, making connections between related concepts and phenomena and synthesizing ideas into new concepts. They will propose new problems, questions and/or experimental designs based on results or research. Students analyze information to provide new insights and draw related logical conclusions that are not immediately obvious. The will identify issues, evaluate science information and principles, and make and support decisions, with justification. Students independently research how scientific knowledge changes and grows due to the contributions of individuals. They will also be required to complete a science fair project.

HIGH SCHOOL BIOLOGY I, HONORS/GIFTED
Corequisite: Algebra I
Grade: 8 Year
In this course students will explore the relationship between organisms and their environments, and between their individual cells and systems. The processes of life will be approached from the viewpoints of cellular structure and function, genetics and molecular biology, classification of organisms, physiology, biochemistry, and biological changes through time. This course expects students be capable of comprehending scientific concepts presented at an advanced level. Laboratory activities are a significant component in the course and offer students an opportunity to become familiar with scientific instruments and experimental methods.
Laboratory activities and safe laboratory techniques are an essential component of this class and offer students an opportunity to become familiar with scientific instruments and methods. Taking the high school Biology course in grade 8 allows IB-Prep students to earn an additional high school science credit; students may not omit science from their schedules in grades 9 and 10. Students may drop this course during the 1st 9 weeks only.

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

MATHEMATICS

6TH GRADE M/J MATHEMATICS 1
Prerequisite:
Grade: 6 Year
Students will:

- Develop an understanding of and fluency with multiplication and division of fractions and decimals, ratios, rates, estimation, equivalent forms for decimals, fractions and percents.
- Write, solve and graph one and two step equations and inequalities as well as use tables, graphs and equations to describe linear equations.
- Explore the measurements of composite two-dimensional figures and volumes of rectangular prisms.
- Determine and use measures of central tendency and variability to analyze data sets.

6TH GRADE ADV/PRE-IB PREP/GIFTED
M/J MATHEMATICS 1
Prerequisite:
Grade: 6 Year
All topics in M/J Mathematics 1 are included in 6th Grade Adv/ Pre-IB Prep M/J Mathematics 1.
In addition, students will:

- Develop an understanding of and apply proportionality to solve problems involving percents.
- Apply formulas to determine surface areas and volumes of three dimensional shapes including pyramids, prisms, cylinders and cones.
- Develop an understanding of operations involving integers and other rational numbers, as well as solving linear equations.
- Identify and plot ordered pairs in all four quadrants of the coordinate plane.

6TH GRADE ADV/PRE-IB PREP/GIFTED
GEMS MATHEMATICS
Prerequisite: 5th grade PRIMES or Level 5 FCAT score
Grade: 6 Year
This rigorous course combines content from 6th, 7th and 8th grades in order to prepare students to be successful in Algebra I Honors in 7th grade. Due to the quantity and rigor of material that students must learn for successin Algebra I Honors, students will be expected to complete additional assignments and coursework outside of the classroom on the computer. This work will be a "virtual bridge" that provides computer-based instruction and assessment that the teacher will integrate into work completed in the classroom.

Algebra I or its equivalent is required for high school graduation. Students will still be required to successfully complete four math courses while in high school.

7TH GRADE M/J MATHEMATICS 2
Prerequisite:
Grade: 7 Year
Students will:

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

7TH GRADE ADV/PRE-IB PREP/GIFTED MATHEMATICS
Prerequisite: 6th grade advanced recommended
Grade: 7 Year
Students will:

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

ALGEBRA I HONORS/PRE-IB PREP/GIFTED
Prerequisite: 7th grade advanced is recommended
Grade: 7-8 Year
This course includes a rigorous, in-depth study of all of the topics included in Algebra I, as well as absolute value equations and inequalities, operations with rational expressions, solving rational equations and characteristics of quadratic graphs. Students must expect the content to be rigorous and the pace to be demanding.For a student to receive high school credit, the student MUST earn an A, B or C for the year. Students may drop this course during the 1st 9 weeks only. This course is recommended for those students scoring level 4 or 5 on the previous year FCAT Math test.

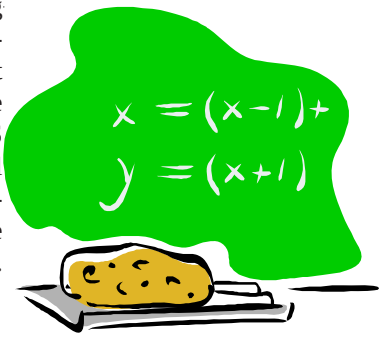
8TH GRADE PRE-ALGEBRA
Prerequisite:
Grade: 8 Year
Students will:

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

ALGEBRA I STANDARD
Prerequisite: 7th grade advanced is recommended
Grade: 8 Year
This course is designed to provide the foundation for future secondary mathematics courses and develop skills needed to solve mathematical problems. Topics shall include, but are not limited to, functions, linear equations and inequalities, systems of linear equations and inequalities, polynomials, operations with radical expressions, solving quadratic equations, ratios and proportions. For a student to receive high school credit, the student MUST earn an A, B or C for the year. Students may drop this course during the 1st 9 weeks only. This course is recommended for those students scoring level 3 on the previous year FCAT Math test.

HONORS GEOMETRY-H.S. ADV/PRE-IB PREP/GIFTED
Prerequisite: Algebra I
Grade: 8 Year
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.For a student to receive high school credit, the student MUST earn an A, B or C for the year. Students may drop this course during the 1st 9 weeks only.

ALGEBRA II- H.S. ADV/PRE-IB PREP
Prerequisite: Algebra I
Grade: 8 Year
This course will be offered should there be enough students to form a full class. If not, qualifying students will have the opportunity to take this course at Seminole High School in the morning before coming to SMS each day. This course will follow the curriculum requirements as listed in the Seminole High School Curriculum Guide.



Non-Core Required 6th grade Courses

COMPUTER APPLICATIONS I/KEYBOARDING
Prerequisite:
Grade: 6 Semester
This course is designed for the student to learn the keyboard using the touch method. The students will also receive hands-on, practical experience using application software and the Internet. At the end of the semester, students should be able to type 25 - 30 words per minute with minimum errors, demonstrate computer literacy, perform computer activities using applications software, and develop problem-solving skills.

PHYSICAL FITNESS I
Prerequisite:
Grade: 6 Semester
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 are to have fun and enjoy physical activity in a safe and healthy environment.

Non-Core Required 7th grade Courses

COMPUTER APPLICATIONS
Prerequisite:
Grade: 7 Semester
The student explores business and computer skills as well as human relations at work. They access/sort, edit and create Data Base files and learn to access, edit and create spread sheet files, as well as create charts or graphs from cells in a spreadsheet. Students incorporate all of the components of Microsoft Word into a final project which will integrate word processing, data base information, spread sheet information, graphs or charts, and *PowerPoint* presentations. CAREER AWARENESS is part of this course. It enables students to explore future career options and assist them in making informed course selections in high school. Students use the Florida CHOICES Explorer program to develop career and educational plans basaed on their personal aptitudes, interests, and skills. Epep will will be completed as part of this course.

PHYSICAL FITNESS II
Prerequisite:
Grade: 7 Semester

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 are to have fun and enjoy physical activity in a safe and healthy environment. Seventh Grade P.E. emphasizes teamwork, and cooperation. Activities involving large groups are taught. There is a continuation of total fitness.

Foreign Language

6TH GRADE SPANISH
Prerequisite:
Grade: 6 Semester
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. Also, they will, participate in cultural activities that will allow them to experience the cultural similarities and differences of their personal lives to the natives of the target language.

7TH GRADE SPANISH
Prerequisite:
Grade: 7 Semester
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.

H. S. SPANISH I
Prerequisite:
Grade: 8 Year
This course is designed to emphasize speaking and listening skills with student's oral participation in the target language. Reading and writing are introduced and basic grammar structures explained and practiced. Students will be introduced to the culture and customs of various Spanish speaking countries.

PRE-IB SPANISH I
Prerequisite:
Grade: 8 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 develope oral proficiency. Course work will include the mastery of basic grammatical structures and acquistion of every day 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.

ELECTIVE PHYSICAL EDUCATION includes specific categories of physical education areas. Students can choose an area which will include several activities during that course period. Each student will learn lifetime activities that help maintain wellness. Students are to have fun and enjoy physical activity in a safe and healthy environment. These are ***semester courses***.

BASKETBALL
Prerequisite:
Grade: 6-8 Semester
Basketball skills and strategies will be developed through practice and play.

VOLLEYBALL
Prerequisite:
Grade: 6-8 Semester
Volleyball skills and strategies will be developed through practice and play.

TENNIS
Prerequisite:
Grade: 6-8 Semester
Tennis skills and strategies will be developed through practice and play.

COURT SPORTS
Prerequisite:
Grade: 6-8 Semester
Volleyball, basketball, middle ball, indoor soccer, four square, tennis, and Newcomb volleyball.

FIELD SPORTS
Prerequisite:
Grade: 6-8 Semester
Soccer, softball, flag football, kickball, track and field, and Gatorball.

INDIVIDUAL SPORTS
Prerequisite:
Grade: 6-8 Semester
Gymnastics, aerobics, recreational games, rope jumping.

INTRO. TO GOLF
Prerequisite:
Grade: 6-8 Semester
Golf skills and strategies will be developed through practice and play.

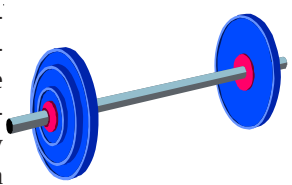
CHEERLEADING I
Prerequisite:
Grade: 6-8 Semester
Knowledge of safety issues while learning stunts, gymnastics, and dance will be stressed. Aerobics and weight training will also be included to develop high levels of cardiovascular fitness and strength.

CHEERLEADING II
Prerequisite: Cheerleading I
Grade: 6-8 Semester
In this course students will continue to develop the skills learned in Cheerleading I. 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.

DANCE
Prerequisite:
Grade: 6-8 Semester
Students will learn the dance moves and routines that are used in dance teams. Dance techniques will be incorporated to develop cardio vascular fitness and muscular strength.

BODY WELLNESS
Prerequisite:
Grade: 6-8 Semester
The purpose of this course is to enable students to develop competence in skills related to body management. Students will apply this knowledge and skill in aerobics, weight training, gymnastics, yoga and individual activities; and improve or maintain health-related fitness.

WEIGHT TRAINING AND CONDITIONING
Prerequisite:
Grade: 8 Semester
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.



INTROD. TO AFJROTC
Prerequisite:
Grade: 6-8 Semester
This course is designed to serve three purposes: (1) to introduce the students to the AFJROTC, the U.S.Air Force, and the JROTC high school program; (2) to stimulate an enthusiasm for scholarship as a foundation for higher citizenship and leadership goals; (3) to engender a sound appreciation for the heritage and traditions of America, with recognition of the historically significant role played by the military. The AFJROTC emphasizes each cadet's responsibilities in society. The program includes classroom study, physical fitness, respectful conduct, good personal appearance, and leadership training. Students in this course may be required to participate in activities outside of the school day and off campus.

Humanities

ART 1
Prerequisite:
Grade: 6-8 Semester

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, Pariscraft masks, paper-mache animal masks, and ceramic projects. This is the first class any student interested in art, should take.

ART II
Prerequisite: Art I
Grade: 6-8 Semester
This course covers similar topics to Art1 but at a more intense level and in a more rigorous nature. *Art 1 is the pre-requisite for this class*. 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 printmaking, and mask-making.

COMPUTER GRAPHIC ARTS
Prerequisite: Art I or Art II
Grade: 7-8 Semester
Graphic Design is a class that takes place in the computer lab, for the majority of the semester. Class begins in the classroom, with learning the basics of good design and composition. We then move into the computer lab and begin our work in Adobe Photoshop 5.0. This is a student-grade version of the Adobe program. By the end of the semester, students will have created numerous ads and computer-generated designs; students will be fluent in the use of Photoshop.

CARTOONING & CARICATURES
Prerequisite: Art I
Grade: 7-8 Semester
Cartooning is an intensive drawing class. We draw every day and create a new book once a week, for the first nine weeks, on average. Students will learn a variety of drawing styles and also about the history of cartoons and comic drawings. Students will create original characters and include them in their Big Book project. In this project, the students will draw a twenty page comic, sew the pages to the spine, and learn how to successfully bind their book.

BEGINNING BAND
Prerequisite:
Grade: 6-8 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.
Band students must either provide their own instruments or rent them from a local music store. 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.

INTERMEDIATE BAND
Prerequisite:
Grade: 7-8 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.

ADVANCED BAND
Prerequisite: Teacher recommendation required
Grade: 7-8 Year
This course is open to all students who have completed one year of beginning band and/or concert band. Advanced 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.

JAZZ BAND
Prerequisite: Teacher recommendation required
Grade: 7-8 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.

GUITAR I
Prerequisite:
Grade: 6-8 Semester
This course is designed for students interested in learning to play the guitar. The goals are to teach students proper playing technique and basic musical skills. Different styles of music will also be addressed to gain better understanding of the guitar and its role in music.

FUNDAMENTALS OF MUSIC THEORY
Prerequisite:
Grade: 7-8 Semester
Open to Band students in Grades 7 and 8 who have shown evidence of musical talent and the proclivity to develop a deeper understanding of the fundamentals of music. Students in this class will explore theoretical aspects that will prepare them for high school-level ensembles, and give them a head start on material presented in any AP Music Theory class. Curriculum will be presented in the honors style.

MUSICAL KEYBOARDING
Prerequisite:
Grade: 6-8 Semester
This course introduces the student to reading and playing music on the keyboard instrument. The class focuses on beginning piano instruction. Students will learn fundamentals of the piano - note reading and technique. This course is designed for students with no previous piano instruction.

MUSICAL KEYBOARDING II
Prerequisite: Successful completion of Keyboarding I or previous piano experience through private piano instruction.
Grade: 6-8 Semester

INTRODUCTION TO CHORUS
Prerequisite:
Grade: 6-8 Semester
This course introduces the student to reading and singing musical notes in the chorus setting. This course is designed for students with no previous musical instruction and provides students the opportunity to develop their musical potential.

CHORUS I / BOYS CHORUS I
Prerequisite:
Grade: 6-8 Year
Students will learn to sing from many styles, countries and languages. In addition to learning music, there will be an emphasis placed on correct vocal production at all times. Basic musical terms and symbols, basic note reading, rhythm values and meters, vocal production and proper concert/performance techniques are employed to achieve the goals. Students actively participate in musical activities and concert performances. Students are required to stay after school at various locations and require parental consent and transportation by parents.

CHORUS II
Prerequisite: Audition and Teacher approval
Grade: 7-8 Year

CHORUS III
Prerequisite: Audition and Teacher approval
Grade: 7 - 8 Year
Students actively participate in musical activities and concert performances. Basic musical terms and symbols, basic note reading, rhythm values and meters, vocal production and proper concert/performance techniques are employed to achieve the goals. Students study music of various styles and cultures. Students are required to stay after school at various locations and require parental consent and transportation by parents.

TECHNOLOGY IN MUSIC AND THEATRE
Prerequisite:
Grade: 7-8 Semester
Students will explore the use of technology as related to the production, recording of music, as well as, all elements of theatrical production - set design and construction, lighting and sound. Students taking this course will be required to attend evening performances.

DRAMA I
Prerequisite:
Grade: 6-7 Semester
Drama I 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.

DRAMA II
Prerequisite:
Grade: 7-8 Semester
Drama II's 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.

JOURNALISM - YEARBOOK I
Prerequisite:
Grade: 7-8 Year
Students construct the school's yearbook. During the year, students will gain knowledge of computer technology through creating layouts for each page of the yearbook. Students enhance skills in teamwork, time management, and organization throughout the course. Students entering this course must commit to covering extra curricular events, attend special training clinics, and participating in the business part to include securing advertisements, etc. During the year, students gain knowledge of computer technology through creating layouts for each page in the yearbook. **Students must fill out an application and meet qualifications for this class.** Parental consent forms are also required.

SPEECH & DEBATE
Prerequisite:
Grade: 6-8 Semester
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 and an argument in debate. They will assess their own public speaking skills, as well as the public speaking skills of their peers.

ARCHEOLOGY
Prerequisite:
Grade: 6-8 Semester
Explore history through archeology and paleontology. This course includes hands-on projects in discovering, identifying, and interpreting ancient artifacts and fossils. Scientific method and research skills are important parts of this course.

Careers/Technology

VIDEO PRODUCTION I
Prerequisite:
Grade: 6-8 Semester
Students use many different types of equipment to develop audio-visual programs. While producing the morning announcements, students observe and participate in the daily tasks required to create a television program.

VIDEO PRODUCTION II
Prerequisite: Video Production I
Grade: 7-8 Semester
Students use many different types of equipment to develop audio-visual programs. While producing the morning announcements, students observe and participate in the daily tasks required to create a television program.

VIDEO PRODUCTION III
Prerequisite: Video Production I & II
Grade: 7-8 Semester
Students use many different types of equipment to develop audio-visual programs. While producing the morning announcements, students observe and participate in the daily tasks required to create a television program. **Students must fill out an application and meet qualifications for this class.**

DIGITAL PHOTOGRAPHY
Prerequisite:
Grade: 6-8 Semester
This course is designed to provide students with hands-on experiences in state-of-the-art photography. Course Design includes instruction in camera use, and photographic techniques. Students will use their photography for a variety of projects including photographic portfolios and digital gallery shows.

FUTURE TEACHERS OF AMERICA
Prerequisite:
Grade: 8 Semester
(Grade 8)- semester- This course was created for those students who are interested in learning about the teaching profession. Students are trained in the use of the copy machine, letter-cutter, and other school equipment. Students also receive training in working with younger students and assisting teachers. Once trained, students are assigned to one or two teachers for one class period a day. There they receive hands-on experience with the teaching profession. **Students must fill out an application and meet qualifications for this class.**

BIOTECHNOLOGY I
Prerequisite:
Grade: 6-8 Semester
This course is designed to introduce the middle school student to an historical overview of biotechnology from prehistoric times to the present—from discovering how to make cheese from milk to CSI type investigations. This first course will highlight forensics and the part that biotechnology plays in isolating DNA to help solve crime. Students learn to use gel electrophoresis equipment and identify and use other biotechnology related equipment and materials. Take this course and find out "What the heck is Biotech!"

BIOTECHNOLOGY II
Prerequisite: Biotechnology I
Grade: 7-8 Semester
This second course is a continuation of Biotechnology 1 and enhances the techniques of using biotechnology in forensic investigations by learning about and using PCR technology (making copies of small amounts of DNA) to help solve crime. In addition, the students will expand their understanding of how the techniques of gene splicing and recombinant DNA technology can be used to combine the genetic elements of two or more living cells to improve quality of life through growing better crops, developing better medicines and improving the environment.

INTRODUCTION TO APPLIED PHYSICS
Prerequisite:
Grade: 7-8 Semester
Introduction to Applied Physics Course is a semester elective for highly motivated, self-reliant students. The course seeks to challenge students to go beyond the traditional basic Middle School Physical Science Textbook Studies of Matter, Energy and Forces. Inquiry based learning strategies are employed through out the semester. In-depth topics covered may include, but are not limited to, Futuristic Alternative Energies, Biophysics of the Eye, Controlling Electromagnets, Reducing Noise Pollution, Polarizing Filters, Light, Color, and Lasers, Frames of References, Angular Momentum, Relativity and Space-time Continuum and much much more. Critical thinking, problem solving and extended response are sought in all academic endeavors pursued. Scientists and Engineers are sometimes invited to visit the class and engage with students.

PRE-AERONAUTIC SCIENCE I
Prerequisite:
Grade: 6-8 Semester
The purpose of this course is to offer students an opportunity to learn about the history and basics of flight and how weather influences flight. This course covers strategies and explorations that span a timeframe of thousands of years. Students use creative and critical thinking, independent and small-group investigative research, along with hands-on activities and computer programs. Students will design a power point presentation, design a web page, and construct various types of flying objects such as kites, boomerangs, hot air balloons, gliders, and the Wright brothers' airplane. The use of our state of the art Flight Simulator plays an integral part in this course.

PRE-AERONAUTIC SCIENCE II
Prerequisite: Pre-Aero Science I
Grade: 7-8 Semester
The use of our state of the art Flight Simulator plays an integral part in this course. The content of this course includes research on airports, simulated travel throughout the world, reading maps, the scientific aspects of aerodynamics, how airplanes fly, how weather effects flight, reading the various instruments used in flight, studying historical figures who have made contributions in the area of flight and studying various occupations that are associated with flight. Students will learn basic aerodynamics, aircraft systems, instrumentation, navigation, weather, Air Traffic Control, aviation regulations and pilot skills.

PRE-AERONAUTIC SCIENCE III
Prerequisite: Pre-Aero Science I and II
Grade: 8 Semester
Aviation III is designed to build on the students' knowledge gained from the first two pre-aeronautics courses. Jet engine operation and navigation are instroduced and the students are given much more time to apply their practical skills in the simulator. Theoretical contents are arranged to prepare the students to pass the FAA written test for the private pilot rating.

PRE-SPACE SCIENCE I
Prerequisite:
Grade: 6-8 Semester
The Space Station plays an integral part in this course. The space station is equipped with 6 different stations each with their own curriculum. The stations include, hydroponics, aquaculture, aeroponics, robotics, lasers and satellites, and global positioning. The students will be required to spend time at each lab conducting experiments, collecting data, recording the data, creating journals and completing the required outcomes of each station.

PRE-SPACE SCIENCE II
Prerequisite: Pre-Space I
Grade: 7-8 Semester
Pre-Space II is a continuation of Pre-Space I. It will incorporate the study of our International Space Station and rocketry. Rockets will be built and flown in class. Students will also delve deeper into the workings of Lasers and Robots.

PRE-SPACE SCIENCE III
Prerequisite: Pre-Space I and II
Grade: 8 Semester
Pre-Space III is a continuation of Pre-Space I & II. Students will work on designing and constructing their own space experiments based on actual experiments performed by NASA astonauts.

METEOROLOGY
Prerequisite:
Grade: 6-8 Semester
This is an introductory course in meteorology. Areas to be covered may include nature and causes of wind, clouds and precipitation; storm systems and fronts; thunderstorms, tornados and hurricanes, weather maps and forecasting.

PRE-ENGINEERING I
Prerequisite:
Grade: 6-8 Semester

This course begins the development of the knowledge base, communication skills, interpersonal skills, and technological skills necessary in the engineering profession. The student will gain an awareness and understanding of the engineering design process as it applies to the electrical, mechanical, structural, and robotic engineering disciplines. Hands on projects, group activities, and the use of technology are an integral part of this course. The areas of emphasis include invention, the engineering process, electrical circuits, simple machines, bridge and building design, automation and robotics, and career choices.

PRE-ENGINEERING II
Prerequisite: Pre-Engineering I
Grade: 7-8 Semester
(grades 7, 8)- semester - This course continues the development, begun in Pre-Engineering I, of the knowledge base, communication skills, interpersonal skills, and technological skills necessary in the engineering profession. The student will gain an awareness and understanding of the engineering design process as it applies to the electrical, mechanical, structural, and robotic engineering disciplines. Hands on projects, group activities, and the use of technology are an integral part of this course. The areas of emphasis include invention, the engineering process, electrical and electronic circuits, simple and compound machines, vehicle design, structural design, and automation and robotics.

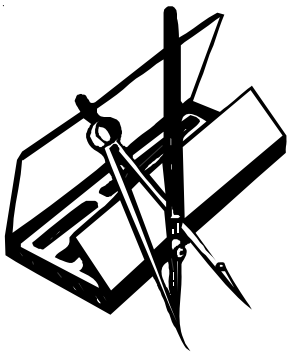
ROBOTICS ENGINEERING
Prerequisite: Pre-Engineering I & II
Grade: 7-8 Semester
This course continues the development, begun in Pre-Engineering I & II, of the knowledge base, communication skills, interpersonal skills, and technological skills necessary in the robotics engineering profession. The student will gain an awareness and understanding of the robotics engineering design process as it applies to the robotics engineering discipline. Hands on projects, group activities, and the use of technology are an integral part of this course.

EXPLORING TECHNOLOGY
Prerequisite:
Grade: 7-8 Semester
Students work through computer based modules on a variety of topics then put the knowledge into practical applications. Topics that are explored include robotics, rocketry, flight, graphic communications, electricity, and electronics. Students have the opportunity to race CO2 cars they have designed and built. They may also build and launch a rocket. Many students build towers, bridges or assemble electronic kits.

BUILDING CONSTRUCTION
Prerequisite:
Grade: 7-8 Semester
This program will provide students with knowledge and experiences in construction technology. The content will include a study of tools, materials, processes, safety, and skills relevant to construction. Students will learn about site preparation and starting a project. Activities will include frame, electrical, and plumbing work. Students have the opportunity to work with concrete and bricks.

INTERNAL COMBUSTION ENGINES
Prerequisite:
Grade: 7-8 Semester
This program will provide students with knowledge and experiences related to engines and their applications. The content will include a study of tools, processes, safety, and skills relevant to engine mechanics. Students will learn to maintain an engine including oil changes and checking spark plugs. Students will have the opportunity to disassemble an engine and learn how all the internal parts work together.

PRE-ARCHITECTURAL SCIENCE I
Prerequisite:
Grade: 6-8 Semester
(Orientation to Career & Technical Occupations)-9100110a (grades 6, 7, 8)- semester- This course begins the development of the knowledge base, communication skills, interpersonal skills, and technological skills necessary in the architectural profession. The student will gain an awareness and understanding of basic design, organization, theory, materials, and methods of architecture. Hands on projects, group activities, and the use of technology are an integral part of this course. The areas of emphasis include drawing, the design process, drawing interpretation, architecture of the future, non-man made architecture, and career choices.



PRE-ARCHITECTURAL SCIENCE II
Prerequisite: Pre-Architectural Science I
Grade: 7-8 Semester
(Orientation to Career & Technical Occupations)-0000027 (grades 7,8)- semester- This course continues the development, begun in Pre-Architectural Science I, of the knowledge base, communication skills, interpersonal skills, and technological skills, necessary in the architectural profession. The course will focus on theory, the design process, structural systems, architectural history, and design projects. Hands on projects, group activities, and the use of technology are an integral part of this course. The areas of emphasis include drawing, the design process (including CAD), drawing interpretation, and a survey of Ancient to Renaissance Architecture.

PRE-ARCHITECTURAL SCIENCE III
Prerequisite: Pre-Architecture I and II
Grade: 8 Semester
This course continues the development, begun in Pre-Architectural Science II, of the knowledge base, communication skills, interpersonal skills, and technological skills, necessary in the architectural profession. The course will focus on theory, the design process, structural systems, architectural history, and design projects. Hands on projects, group activities, and the use of technology are an integral part of this course. The areas of emphasis include drawing, the design process (including CAD), drawing interpretation, a survey of Renaissance to 19th Century Architecture, and a survey of 20th Century Architecture.

PRE-VETERINARY I
Prerequisite:
Grade: 6-8 Semester
This course introduces students to the field of veterinary medicine. Many Medical terms will be learned. The student will learn about animals and their classification and habitats. Animal skeleton and muscular systems as well as other systems of the body will be covered and compared to the human body. Animal diseases will be researched and discussed. There is a concentration on Dogs and Cats. A Dog as well as other animals will be in the classroom.

PRE-VETERINARY II
Prerequisite: Pre-Veterinary I
Grade: 7-8 Semester
A continued study of common animals of a veterinary practice will be covered. The psychology and nutrition of animals will be explored. Hands on care of animals in the classroom will be investigated. An overview of schools and careers in veterinary medicine will be covered for those interested in this as a career. Labs include Dissection. A Dog as well as other animals will be in the classroom.

PRE-VETERINARY III
Prerequisite: Pre-Veterinary I and II
Grade: 8 Semester
This advanced level will include a teacher directed independent study of the veterinary field. There will be concentrations in the following areas: schools of study, careers, specific animal breeds, animal diets/ nutrition, habitats, and care. Animals will be in the classroom.

PRE-MED I
Prerequisite:
Grade: 6-8 Semester
This course introduces students to the field of medicine. The student will learn about microscopes and cells. Many Medical terms will be learned. The human skeleton and muscular systems will be learned and compared to other animals. Human diseases will be researched and discussed. A Dog as well as other animals will be in the classroom.

PRE-MED II
Prerequisite: Pre-Med I
Grade: 7-8 Semester
The student will study and discuss the human body and its various organ systems. There will be a concentration on proper nutrition and exercise. An overview of careers in medicine will be covered for those interested in medicine as a career. Labs include Dissection. A Dog as well as other animals will be in the classroom.

PRE-MED III
Prerequisite: Pre-Med I and II
Grade: 8 Semester
This advanced level will include a teacher directed independent study of medicine. There will be concentrations in the following areas: schools of study, careers, equipment, and diseases. Students will be able to get CPR certification. Animals will be in the classroom.

SCIENCE PROJECTS STRATEGIES
Prerequisite:
Grade: 6-8 Semester
The purpose of this course is for teachers to design situations so that pupils are caused to employ procedures research scientists use to recognize problems, to ask questions, to apply investigational procedures consistant discriptions, predictions, and explanations which are compatible with shared experiences of the physical world.

MARINE BIOLOGY
Prerequisite:
Grade: 6-8 Semester
This course will examine the physical aspects of the oceans and fresh water systems. Students will study the physicaland chemical properties of seawater, geological processes that form the ocean basins, sea floor, and shoreline features. Introduction to the major groups of marine organisms and their interactions with fresh and salt water will be stressed.

MARINE BIOLOGY II
Prerequisite: Marine Biology I
Grade: 7-8 Semester
Students will study more in-depth the physical aspects of the oceans and fresh water systems. The curriculum will explore a wide variety of marine topics which will include four units which will contain science, math, and assorted interdisciplinary activities relating to marine habitats. The major emphasis will be to analyze marine communities and on the sampling techniques used for each approach and the habitat type.

COMPUTERS—A+PREP
Prerequisite:
Grade: 7-8 Semester
In this course the students learn the major components of the computer hardware and the terminology associated with them. As they work with the individual components to understand the purpose of each, they also learn how to repair the parts. At the end of the class students are required to fully assemble a computer.

FASHION DESIGN
Prerequisite:
Grade: 6-8 Semester
Students will gain knowledge and skills related to the fashion industry through individual activities by applying creative thinking to real life hands-on projects. This course introduces the student to the world of design; including elements and principals of design, fibers and fabrics, merchandising, and fashion illustration.

INTERIOR DESIGN
Prerequisite:
Grade: 6-8 Semester
Students will gain knowledge and skills related to interior design from floor plans to home decorating through individual activities by applying creative thinking to real life hands-on projects. This course introduces the student to the world of design; including elements and principals of design, scaled drawing, design process, space planning rooms and furnishings.

WEB PAGE DESIGN
Prerequisite:
Grade: 7 - 8 Semester
This course is designed to provide a basic overview of the Internet, Intranet, and WWW. The content includes operating systems, basic HTML commands, FrontPage, an introduction to JavaScript, navigation of the Internet and Web, and Web page design.

PROGRAMMING
Prerequisite:
Grade: 7-8 Semester
This course provides a study of Visual Basic and its application to Windows programs. The student design, implement, and document computer programs untilizing the Visual Basic programming language. Visual Basic is visually oriented and is an object-oriented/ event driven programming language.

NETWORK TECHNOLOGIES
Prerequisite:
Grade: 7 - 8 Semester
This course covers the concepts of networking- from the basics of networking concepts to the specifics of networking technologies.

PREP. GEOMETRY & ALGEBRA II
Prerequisite:
Grade: 6-8 Semester
This course is designed to prepare students for high school geometry and/or algebra II. This is an elective course for those students that have a strong desire to advance their mathematical skills.

Comprehensive Reading Program

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 Comprehensive Achievement Test (FCAT). 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 FCAT. 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 FCAT.

Intensive Reading

Reading Placement

Students who are below proficiency (Level 1 and Level 2) as measured by the FCAT 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 FCAT 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 according to the most recent FAIR Lexile score.
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.

The two **Intensive Reading programs** are:

- ***Corrective Reading*** for students who can not read accurately and fluently.
- ***Reading Edge*** for students who are fluent readers but need extra support in their ability to construct meaning from the text and to build their vocabulary.

Reading Assessments:

- ***Florida Oral Reading Fluency (FORF)*** & *Florida Assessment In Reading (FAIR*) assessment is used as a way to monitor students' progress through out the year.

Exiting Procedure

When a student has demonstrated high levels of reading proficiency (Level 4 or 5)as measured by the FCAT SSS Reading test, the reading class is no longer needed.

Exceptional Student Education

Programs are available to eligible disabled students from infancy to age 21. These programs are described in the Special Programs and Procedures for Exceptional Student Document which is approved by the Florida Department of Education and the School Board of Seminole County. Refer to the Exceptional Student Education Section of the Pupil Progression Plan for further information.

S. L. D.
Through our Specific Learning Disability (SLD) program, we are able to provide specialized instruction 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.

E.B.D.
Through our Emotionally Behavior Disabled (EBD) program we are able to 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.

Speech/ Language Impaired Program -
Speech Therapy: 6-8
Lang Therapy: 6-8
In the Speech/Language Impaired program, the four areas that are addressed are 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 judgement.

I.D.
Through our Mildly Intellectually Disabled (ID) program we are able to provide specialized instruction to those students who qualify for this assistance.

A.S.D.
Through our Autism Spectrum Disabled (ASD) program we are able to provide specialized instruction to those students who qualify for this assistance.

Gifted Program
Students must qualify for the Gifted Program 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; and exploration.

Sports Program

Intramurals Sports

Sanford Middle School offers a variety of intramural programs during the school year. The program operates before or after school as needed. An effort is made to provide a companion program with our interscholastic sports program so that students who do not make one of the competitive teams can participate in the companion intramural sport. Students may participate in sports activities such as flag football, volleyball, basketball, soccer, and track activities. There is no charge for the intramural program and no try-outs are necessary.

Competitive/Interscholastic Sports

Sanford Middle School offers its students an interscholastic/intramural competitive athletic program that includes cross country, track, volleyball, and cheerleading. Students are required to obtain/pass a physical examination and provide proof of insurance before participating. Those students who "make" the teams are to pay a registration fee. The registration fee helps to cover expenses. There are scholarships available for deserving students.

Varsity participants are the most skilled at any grade (6th, 7th, or 8th). Once students become 16 years old, they can no longer participate. ***Junior Varsity*** participants may only be 6th or 7th grade students and once J.V. students become 15 years old, they can no longer participate. Each team/squad is encouraged to have at least one student manager and one Team Reporter.

All student interscholastic sports participants MUST have a 2.0 GPA or greater on their most recent Report Card [fall sports would be the report card from the previous school year] to tryout for a team. If a student on a team/squad falls below a 2.0 GPA on their Progress Report, they are placed on probation and monitored by their coach to ensure that their grades improve. If a student is on a team/squad and falls below a 2.0 GPA on their next Report Card, they are removed from the team.

Good Character and proper sportsmanship is expected of all participants. All participants are under the requirements of the District Citizenship Policy.

Volleyball- Girls and Boys Varsity and Junior Varsity. Practices are usually three times a week with a game usually once a week. Try-outs usually take place in mid-August. There is a tournament at the conclusion of the regular season.

Basketball- The SCPS Basketball program is an intramural program.

Cross Country - Girls and Boys Varsity and Junior Varsity. Practices are usually three times a week and meets usually once a week. Sometimes, there are voluntary Track Shack Meets on Saturdays and Sundays. There is a District Championship at theconclusion of the regular season for qualifying runner.

Track and Field- Girls and Boys Varsity and Junior Varsity. Practices are usually three times a week . Meets are scheduled through the county coordinator. Try-outs usually take place in February. There is a District Championship at the conclusion of the regular season.

Cheerleading- Varsity and Junior Varsity. Practices are usually three times a week with a performance at a basketball game (usually) at least once a week. Try-outs are necessary for all levels and these try-outs take place in both the spring and the fall. Usually, the Varsity and some Junior Varsity cheerleaders attend a summer camp at U.C.F. While the Cheerleader's regular season corresponds with the volleyball season, they may cheer during the volleyball season, and there may be other cheering opportunities such as at parades and school functions. Cheerleaders are expected to perform at all Pep Rallies.

Spirit Cheerleading Squad- This Team develops cheerleading skills for students who may be interested in trying out for the school team in the future, students who do NOT make the school varsity or J.V. cheerleading teams, or students who are just interested in showing school spirit. All students who want to participate may at NO cost. Practices are usually once or twice a week with performances at some volleyball game and pep rallies. The group also performs at various parades and pep-rallies in the fall and winter.

Dance Team- Varsity and Junior Varsity. Practices are usually three times a week with a performance at a basketball game (usually) at least once a week. Try-outs are necessary for all levels and these try-outs take place in both the spring and the fall. Usually, the Varsity and some Junior Varsity dancers attend a summer camp. While the regular season corresponds with the volleyball season, there may be other dancing opportunities such as at parades and school functions. Dancers are expected to perform at all Pep Rallies.

Step Team- Practices are usually two times a week with performances at some volleyball games. Stepping involves dance,marching,hand movement, as well as chants. Sixth, seventh,and eighth grade girls and boys are welcome to try-out in early October. The group performs at various parades and pep-rallies in the fall and winter. There is a very nominal cost for this team.

Clubs & Organizations

Beta Club

This is a service club for honor roll students in the seventh and eight grades. Students are invited to be a member of the Club based on the National qualifications for membership which are: (1) must be in the 7th or 8th grade (2) must have a 3.6 GPA or better for last year and the current school year, and (3) must have satisfactory citizenship. Once a member, students are required to maintain their grades of at least four A's and two B's each nine weeks. Beta Club meets after school once a month to participate in service type projects.

Chess Club

This club meets at every other week. All grades levels may attend, and all students are welcome whether they are beginners or experts.

Debate Club

This club is for students interested in learning to skills and techniques used in debate. Students will practice their skills with debates within the club while we seek other schools to arrange debates with other middle level schools.

Future Educators of America

Future Educators of America is a school-based club for students interested in becoming an educator. Students will do fun activities and learn about the field of education. Students in this club may wish to apply to be in the Future Educators Elective.

Math Club

Math Club is for 6th, 7th and 8th grade students who are in advanced math. They meet once a week . Students regulaly take tests and keep a running tally of their scores. The top scoring students get to represent SMS in the MATH COUNTS competition in February. Parental consent and parental transportation is required.

AMC - 8 Competition

While this is not a club, it is a competition in which we participate.

Mu Alpha Theta Team

Middle school students who take Algebra I are eligible to compete in the Mu Alpha Theta competitions. We attend up to six Saturday competitions from January through March, and have occasional after school practices. Parental consent and parental transportation is required. It is recommended that students interested in this competition take the competition elective.

Odyssey of the Mind Team

An extracurricular, creative, problem-solving activity open to all students at SMS that develops team work, leadership, and presentation skills. Each year, SMS teams compete to solve five long-term problems and one spontaneous challenge at regional and state competitions. Here students present an eight minute skit showing their student-designed long-term solution and demonstrate spontaneous problem-solving skills.

Robotics Club

This club is open to all who are interested in building robots. Activities include the use of Legos and building robots. Plans are being considered to host a competition with robots built by members.

Science Club

The SMS Science Club is a very active group that has fun doing a variety of science activities to include working with our outside environmental study area, utilizing sophisticated scientific technology (probes, graphic calculators, palm pilots, etc.) to study and understand our world.

S.E.C.M.E.

The SMS SECME Club is part of a national organization formed to motivate historically under-represented and geographically underserved students to pursue careers in science, mathematics, engineering and technology. Our goals are to provide career exploration opportunies, facilitate academic and developmental transitions from elementary school to higher education, to increase student motivation and self-esteem, and most of all to have fun ! Students participate in a variety of hands on activities including bridge building, eggdrop competition, and engineering a mousetrap car. All students are invited to participate in the UCF Regional SECME Competition in February. The Southern Engineering Communication and Math Enrichment group is open to all students.

Student Council

Student Council is an active group of students who take part in the planning and implementation of projects, events, and community activities. They help to promote school spirit and provide positive experiences for the student body. All grades are represented in the organization. Officers are elected each spring to serve for the next school year. Adult sponsors provide guidance. Several projects require students to come early or stay late. It is for this reason that parent permission is required to become a student council representative.

Fellowship of Christian Athletes (FCA)

This is an organization that meets regularly on and off campus. This group of mainly athletes and coaches reaches out to peers with good values and ethics. It is open to all students. Every summer, coaches and students can participate in F.C.A national camps. Combining inspiration with perspiration, these camps challenge the student athlete and coach to excel in athletics and in their personal lives.

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

1. We have 7 academic periods.

2. Four of those periods are the core courses of math, science, language arts, and social studies.

3. Students choose standard or advanced level core courses.

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 Computer Keyboarding (6th) or Computer Applications (7th).

8. The core courses, plus PE and computer class, equal 5 of the 7 academic periods.

9. That leaves the equivalent of 4 semester (.5) electives for 6th & 7th graders to choose from the list of electives on the registration sheet. We will have a Curriculum Night at 6:30 P.M. in the school gymnasium on February 9th that will showcase our electives.

10. 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. This will leave 6th and 7th grade students with three 1 semester elective courses to choose and 8th grade students with three 1 semester elective courses to choose.

11. 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 and scheduling conflicts at times make it impossible to be placed into a class.

In summary, students indicate the level of core courses the student wants, and then the student chooses their electives.

A special registration meeting for 6th grade students and parents is scheduled for Tuesday, March 6th at 6:30 PM in the cafeteria to review the registration process for parents having additional questions.

ALL REGISTRATION FORMS ARE DUE ON March 9TH.

SEMINOLE COUNTY
PUBLIC SCHOOLS

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www.scps.k12.fl.us
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