

INDIAN TRAILS MIDDLE SCHOOL



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**CURRICULUM
GUIDE 2019-2020**

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HOME OF THE



WELCOME STUDENTS AND PARENTS TO THE HOME OF THE TRAILBLAZERS!

Our mission at Indian Trails Middle School is to provide all students a safe, supportive environment where academic excellence is encouraged, individual strengths and talents are fostered, and respect for the rights of others prevail. At ITMS, you have the opportunity to **Invent Your Future!**; you decide how your middle school years are spent and which path you want to take to reach your goals. Whether you are starring in a Broadway Blazer musical, running like lightening for our Cross Country team, or creating the next great invention in Robotics and Renewable Energy, you have a path here at ITMS, the choice is yours.

You will find the curriculum guide incredibly helpful in planning your future and route that will get you there. The courses you decide to take at Indian Trails will prepare you for another level of rigor at the high school and beyond. The extracurricular activities (clubs and sports) give you an opportunity to broaden your horizon and expand your perspective and experiences.

Middle school is an integral part of a student's educational career. Each student should aspire to attain a level of coursework that is challenging and provides them with skills necessary for the next step on their path. As you decide which classes you are going to take, ask yourself, am I living up to my potential? Author and investor Tim Fargo said, *"Who you are tomorrow begins with what you do today."* Use this curriculum guide to help you make those decisions, both short-term and long-term, to help you **Invent Your Future!**

Looking Forward to a Blessed and Fruitful Year!

Craig Johnson Ed.D., Principal Indian Trails Middle School

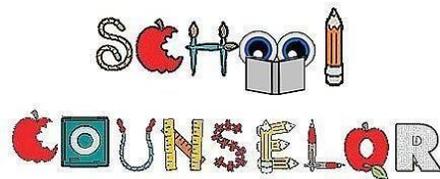


TRAILBLAZERS!



ITMS Administration and Front Office Staff

Dr. Craig Johnson – Principal
Dr. Sidney Moss – AP
Mrs. Christine Strang – AP
Mrs. Stephanie Gaudio – AP
Ms. Brittany Campbell – Dean



Mrs. Adele Futato – Students with the last names A – L
Mrs. Tiffany Everson – Students with the last names M – Z



Mrs. Evislexis Ramirez – Executive Secretary to Dr. Craig Johnson
Mrs. Josephine Pagan – FTE & Enrollment
Mrs. Christina Arok – Front Desk & Attendance
Mrs. Doreen Owens – Bookkeeper
Ms. Megan Gazi – ESE Secretary
Mrs. Hong Nguyen – Clinic Assistant
Deputy Daniel Johnson – Seminole County Sheriff's Department

MIDDLE SCHOOL STUDENT PROGRESSION PLAN INFORMATION

1. Middle School Instructional Program – Florida 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 Standards Assessments – Middle school students are required to participate in the state’s accountability testing program. Student performance in the areas of reading, writing, and mathematics is assessed in grades 6-8. Student performance in science is assessed in grade 8 through the Florida Standards Assessment
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 – Developmentally appropriate and pedagogically-sound strategies of grouping students for instruction shall be used to enhance the academic achievement of all students. When scheduling parameters, permit, the grouping of students should provide opportunities for the regrouping of students during the school day.
6. Advanced Courses – Advanced courses are open for enrollment to any student who desires to self-select a more rigorous and challenging curriculum. Students who choose to enroll in advanced classes must commit to doing the additional tasks and assignments associated with the more intensive curriculum.
7. Virtual Courses – SCPS students are eligible to take virtual courses through Seminole County Virtual School. Virtual school provides flexible options to meet the demanding schedule of the 21st century student. Part-time virtual classes are available through ePathways (blending schedules with virtual courses and face-to-face courses) either at the zoned school during the school day in a virtual learning lab or outside the school day.
8. Remediation – Students who are not performing at grade level will be provided support through academic support and/or enrolled in intensive reading or math classes. 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 on a 4.0 scale to be promoted. All courses taken in a school year, including courses taken for high school credit, shall be included in the calculation of the cumulative-to-date GPA.

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

STUDENT SERVICES INFORMATION

ADMISSIONS

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

- a) **Owned residence:** (1) a copy of the recorded deed or agreement for the deed or a certified copy of declaration of homestead exemption and (2) A copy of a current electric bill or initial order for service, and (3) one of the following current documents: auto registration, driver's license, voter's registration, Florida ID.
- b) **Rented or leased residence:** (1) a copy of the lease, rental agreement, or a notarized letter from the landlord and (2) a copy of a current electric bill or initial order for service, and (3) one of the following current documents: auto registration, driver's license, voter's registration, or Florida ID.
- c) **Divorced parents:** a certified copy of the final judgment of divorce, court custody order, a court guardianship order, or other such documents establishing the rights of custody.
- d) **Separated parents:** a notarized statement that the child actually lives in the home of the parent designated in the child's school records as the residential parent.
- e) **Students NOT residing with parents:** submit form 893 and a letter stating why student is living with the residential adult.

First Entry to the State of Florida Schools:

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

- Proof of date of birth for students
- A certificate showing a physical examination with at least 3 components performed within one year prior to enrollment (height, weight, blood pressure, etc.).
- A valid DH 680 Florida Certificate of Immunization transcribed by a health professional.
- Students also need to have up-to-date immunizations. **Seminole County policy does not grant a 30-day extension to obtain required immunizations or a physical.**

Entry to Seminole County Public Schools from Schools within the State:

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

TRANSFERS

Any student who transfers from an in-state public or non-public school or out-of-state public or non-public school shall be admitted upon presentation of the following data:

- a. An official letter or transcript from a proper school authority which shows a record of attendance, academic information, and grade placement of the student.
- b. Proof of immunization;
- c. Proof of date of birth
- d. Proof of Medical Examination completed within the last twelve months (first time entry to Florida Public Schools only).

ATTENDANCE

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

- Medical treatment by a licensed physician*
- Observance of a religious holiday
- Law enforcement order or court subpoena
- Death of a family member
- Natural disaster
- Traffic accident directly involving the student
- Extraordinary circumstances or situations, 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 plus one additional day to complete and submit 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.

SCHEDULE CHANGE POLICY

Indian Trails Middle School utilizes the Seminole County Public School automated scheduler to establish student schedules. The automated scheduler is programmed to ensure equity and balanced class sizes. Schedule changes will be made to correct misplacement; however, accommodations are NOT made to allow for parental preferences for teacher choice, to be with friends, or to accommodate a particular lunch. Schedule-related problems should be discussed with the assigned school counselor.

GRADING POLICY

Letter Grade	Percentage Range	GPA Value	Definition
A	90-100	4	Outstanding Progress
B	80-89	3	Above Average
C	70-79	2	Average Progress
D	60-69	1	Lowest Acceptable
F	0-59	0	Failure
I			Incomplete
NG			No Grade

*GPA Value=Grade Point Average (GPA) Value

Upon completion of each nine-week grading period, a Report Card will be issued.: Any middle school student enrolled in a high school credit course will be graded in accordance with high school grading policies

EXCEPTIONAL STUDENT SUPPORT SERVICES

Exceptional student support services are available for the exceptional student in order to fully meet their needs and expectations. All exceptional student support services require staffing eligibility as determined by a student study team.

OPPORTUNITY READING AND OPPORTUNITY MATHEMATICS COURSES

Based upon their performance on the state assessments and various other data points, students may be enrolled in and complete full- year opportunity reading or opportunity mathematics courses. These courses use scientifically-based interventions and reflect differing levels of intensity (instructional time/class size) based on the student's FSA scores.

ACADEMIC SUPPORT

These classes are provided as a means of additional support for those students who may be falling behind in their academic coursework. The classes provide an opportunity for students to receive assistance with their work as well as strategies to help them to organize their assignments and manage their work load.

ESOL/ELL

The purpose of the ESOL program is to provide English instruction for students whose native language is not English. If a parent indicates on the student entry form that a language other than English is used most often in the home, the student may be given an ESOL language arts and reading course. An English Proficiency Test (EPT) may be given in order to determine eligibility for the program. Once entered in the program, students are placed on one of three levels. A student must remain in the program until dismissal requirements are met.

ACADEMIC GRADE LEVEL OFFERINGS

Subject	Grade 6	Grade 7	Grade 8
Mathematics	Math 1 Gifted/Advanced Math 1 GEMS	Math 2 Gifted/Advanced Math 2 Algebra 1 Honors	Pre-Algebra Algebra 1 Honors Geometry Honors
Language Arts	Language Arts 1 Gifted/Advanced Language Arts 1	Language Arts 2 Gifted/Advanced Lang. Arts 2	Language Arts 3 Gifted/Adv Language Arts 3
Science	Comprehensive Science 1 Gifted/Adv Comp. Science 1	Comp. Science 2 Gifted/Adv Comp. Sci. 2	Comp. Science 3 Gifted/Adv Comp. Science 3
Social Studies	World History Gifted/Adv World History	Civics Gifted/Adv Civics	U.S. History Advanced U.S. History Pre- AP U.S. History

MATHEMATICS

Math 1 1205010 Grade 6

This course is designed to continue the development of mathematical concepts and processes that can be used to solve real-world problems. The curriculum focuses on a review of basic operations with whole numbers and continues in depth with decimals and fractions. Rate, ratio, proportion and percent are presented along with patterns and number sense. Algebraic concepts are introduced, including solving multi-step equations. Selected topics in geometry (i.e., terminology, transformations, and relationships) are taught as time permits. Measurement, estimation, and problem solving skills are studied, as well as developing an understanding of statistical variability and distributions.

Math 1 Gifted/Advanced 1205020 Grade 6

This course is designed to continue the development of mathematical concepts and processes that can be used to solve real-world problems. The curriculum includes understanding graphs, the structure and properties of rational numbers and equivalent representation of numbers including fraction, decimals, percent, and numbers with exponents, and absolute value. Emphasis is placed on the use of expressions, equations, formulas, data analysis, probability, and integers. Scale drawings, dimensional analysis, circles, solids, probability, and patterns in Algebra are introduced. This course is designed to prepare students for advanced mathematics courses.

GEMS Pre-Algebra 1205050 Grade 6

This course is a highly-accelerated, rigorous course of study intended to serve the needs of 6th grade students who are mathematically talented and highly motivated. It is designed to be an option for those students who successfully completed PRIMES in the 5th grade and who showed academic excellence on the 2018 FSA Math Assessment. The purpose of this course is to develop the mathematical concepts and processes that can be used to solve a variety of real-world and mathematical problems. GEMs Mathematics teaches seventh and eighth grade mathematics topics through peer collaboration and hands-on, project-based exploration. There is emphasis on developing and strengthening skills and concepts necessary for success in Algebra 1 Honors. Students will be required to complete a virtual component as part of this course. Students who are successful in this program have the opportunity to be eligible for Algebra 1 Honors in seventh grade and Geometry Honors in the eighth grade.

Mathematics 2 1205040 Grade 7

This course is designed for the development of mathematical concepts and processes that can be used to solve real world problems. The curriculum focuses on the understanding and application of proportionality, as well as the development, application, and evaluation of probability models. Angle measurements, surface area, volumes of three dimensional figures, and their relationship with each other will be explored. In addition, students will extend their use of operations with rational numbers to solve real-life applications.

Mathematics 2 Gifted/Advanced 1205050 Grade 7 (Prerequisite Math 1 Adv)

This course is designed to continue the development of concepts and processes. There is more of an emphasis on developing an understanding and application of proportionality and similarity to find surface area and volume. Students will focus on the identification and plotting of ordered pairs to help them make predictions about the effects of transformations in the coordinate plane. They will construct and analyze data sets in the form of box-and-whisker plots and scatter plots. Other areas of student will include solving linear equations and both graphing and analyzing systems of linear equations.

Pre-Algebra 1205070 Grade 8

This course is designed to prepare students for Algebra. There is more emphasis on Algebra as it relates to variables, expressions, functions, equations, inequalities, relationships, and polynomials. Other topics such as data analysis, ratio, proportion, percent, rational and irrational numbers, geometry, measurement, area, volume, and similarity/congruence are also explored.

Algebra 1 Gifted/Honors 1200320 Grades 7-8 (High School Elective Credit)

Prerequisites for 7th is GEMS; Prerequisite for 8th is 7th Grade Advanced Math

This course includes a rigorous, in-depth study of all of the topics included in Algebra I, as well as inverses of linear functions, solving systems of linear and quadratic equations, division of polynomials, and simplifying and performing operations with rational expressions and equations. Students will take an End of Course exam at the end of the school year. This course has an End of Course (EOC) Exam

Geometry Honors 1206320 Grade 8 (High School Elective Credit) Prerequisite: Algebra 1 Honors

This course includes a rigorous, in-depth study of all the practical applications of geometric skills and concepts in the real world, along with, but not limited to, coordinate geometry, proofs involving geometric concepts, and applying those concepts to modeling situations. Emphasis is placed on using transformations, proving, and using the Law of Sines and the Law of Cosines to solve problems. Students will take an End of Course exam at the end of the school year. . This course has an End of Course (EOC) Exam

LANGUAGE ARTS

Language Arts 1 1001010 Grade 6

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

Gifted/Advanced Language Arts 1 1001020 Grade 6

The advanced language arts curriculum in sixth grade is designed to be fast-paced for those students who are reading and writing at or above grade level, and who enjoy the many facets of language arts. An integral part of the curriculum is the utilization of a wide range of writing and sequential vocabulary development activities that emphasize reading of fiction and nonfiction. Oral communication skills will be practiced through participation in the Tropicana Speech Contest.

Language Arts 2 1001040 Grade 7

The seventh grade language arts curriculum consists of literature, composition, grammar, and vocabulary. Reading skills will be reinforced through fiction, nonfiction, poetry, and drama. Students continue to build writing skills through expository and persuasive writing, and literary responses. Students will also use various activities to practice oral communication skills.

Gifted/Advanced Language Arts 2 1001050) Grade 7

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

Language Arts 3 1001070 Grade 8

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

Gifted/Advanced Language Arts 3 1001080 Grade 8

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

SCIENCE

Comprehensive Science 1 2002040 (2002050L Gifted/Adv) Grade 6

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

Comprehensive Science 2 2002070 (2002080L Gifted/Adv) Grade 7

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

Comprehensive Science 3 2002100 (2002110 Gifted/Adv) Grade 8

The course introduces new information and reviews some basics of science to prepare students for high school science coursework. Topics covered in this course include: The Nature of Science, Earth and Space Science, Properties of Matter, Changes in Matter, Matter and Energy, and Energy flow in the living world. During this course students will learn through real world examples and applications. Students will participate in activities and online laboratory experiences to apply what they have learned.

SOCIAL STUDIES

World History 2109010 (2109020L Gifted/Adv) Grade 6

Students will study 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. A variety of instructional materials and strategies will ensure that all students learn through inquiry and by building upon individual strengths. Students will read, write, graph, and apply technology skills as they explore the world in which we live. Students will be challenged academically through individual, small group, and large group instruction.

Civics 2106010 (2106020L Gifted/Adv) Grade 7

Students will investigate 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. Additional content may include the distinctive characteristics of our diverse American culture.

Included in this year long course is a review of North American geography and fundamentals of the U.S. economic system. This class will have an End of Course (EOC) exam.

US History 2100010 (2100020 Gifted/Adv) Grade 8

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

A variety of instructional materials and strategies will ensure that all students learn through inquiry and by building upon individual strengths. Students will read, write, graph, and apply technology skills as they explore the history of our country. Students will be challenged academically through individual, small group, and large group instruction. Specific Instructional Practices will include reading assignments from longer text passages as well as shorter ones when text is extremely complex; making close reading and rereading of texts central to lessons, asking high-level, text-specific questions and requiring high-level, complex tasks and assignments, requiring students to support answers with evidence from the text, providing extensive text-based research and writing opportunities (claims and evidence).

Advanced courses offer scaffolded learning opportunities for students to develop the critical skills of analysis, synthesis, and evaluation in a more rigorous and reflective academic setting. Students are empowered to perform at higher levels as they engage in the following: analyzing historical documents and supplementary readings, working in the context of thematically categorized information, becoming proficient in note-taking, participating in Socratic method type discussions, emphasizing free-response and document-based writing, contrasting opposing viewpoints, solving problems, etc. Students will develop and demonstrate their skills through participation in a capstone and/or extended research-based paper/project (e.g., history fair, participatory citizenship project, mock congressional hearing, projects for competitive evaluation, investment portfolio contests, or other teacher-directed projects). An **independent research project** that is completed outside of the classroom is required.

Pre-AP U.S. History 2100020P Grade 8

This course is designed for the highly motivated student who wishes to pursue Advanced Placement courses in high school. Students will explore the events of U.S. History using documents, images, cartoons, and other primary sources along with secondary text. With a more rigorous focus on document-based inquiry, the students will examine and analyze the political, economic, technological, and social developments of the United States from the period of colonial settlement through Reconstruction. This course is designed to give students an in-depth view of U.S. History and includes the development of complex skills in reading, writing, and research. Writing in a historical context will be emphasized and students will be expected to engage in extended research (e.g., History Fair project, Mock Trial, participatory citizenship projects for competitive evaluations, or other teacher-directed projects) and produce writing of significance on a frequent basis. Students will develop and demonstrate their skills through participation in a capstone and/or extended research-based paper/project (e.g., history fair, participatory citizenship project, mock congressional hearing, projects for competitive evaluation, investment portfolio contests, or other teacher-directed projects). An **independent research project** that is completed outside of the classroom is required.

ELECTIVE COURSE OFFERINGS

Grade 6	Grade 7	Grade 8
<ul style="list-style-type: none"> • Art 2D • Band • Chorus • Business • Keyboarding (req) • iJourney/Career (req) • Intro to Dance • Musical Theatre • Physical Education (req) • Renewable Energy 1 • Robotics • Virtual School • Creative Writing • JROTC • Newspaper/Journalism • Intro to Culinary 	<ul style="list-style-type: none"> • Art 2D • Art 3D • Band • Chorus • Intro to Culinary • Intermediate Culinary • Beginning Spanish • iConnect/Tech (req) • Intro to Dance • Dance 1 • Dance 2 Team • Musical Theatre • Physical Education (req) • Renewable Energy 1 & 2 • Robotics 1 & 2 • Video Production • Virtual School • Yearbook/Journalism • Newspaper/Journalism • Creative Writing • JROTC 	<ul style="list-style-type: none"> • Art 2D • Art 3D • Band • Chorus • Beginning Spanish • Ecology (<i>high school credit</i>) • Teaching Assistant • iChallenge/Coding (req) • Physical Education (req) • Intro to Dance • Dance 1 • Dance 2/Dance Team • Renewable Energy 2 • Robotics 1 & 2 • Spanish 1 (<i>high school credit</i>) • TV Production • Virtual School • Yearbook/Journalism • Newspaper/Journalism • Creative Writing • JROTC

ELECTIVES

Beginning Spanish 0708000 (also offered through E-Pathways virtual class) (Semester)

This course is designed to emphasize basic communication skills in the target language. Conversational vocabulary and grammar are taught. Students are given a basic introduction to the culture and customs of various Spanish-speaking countries.

Spanish 1 0708340 Grade 8: 1 High School Elective Credit (Year)

This course is designed to emphasize speaking and listening skills with students' oral participation in the target language. Reading and writing are introduced and basic grammar structures taught. Students will learn the culture and customs of various Spanish-speaking countries. Interested students should have a strong background in Language Arts

Ecology 2000380M Grade 8: 1 High School Elective Credit (Year)

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

Intro to Culinary 8809200 (Semester)

Intermediate Culinary 8809300 (Semester)

The purpose of this course is to assist students in making informed decisions regarding their future academic and occupational goals and to provide information regarding careers in the Hospitality and Tourism career cluster. The content includes but is not limited to the development of leadership skills, communication skills, and employability skills; resource management; exploration of careers in the culinary; food safety and sanitation; safe, proper use of culinary tools/equipment; interpreting recipes and developing menus; basic food preparation skills; front-of-the-house and back-of-the-house responsibilities; artistic presentation of food; and the use of technology in the culinary field. Instruction and learning activities are provided in a laboratory setting using hands-on experiences with the equipment, materials and technology appropriate to the course content and in accordance with current practices that incorporates hands-on activities and consumption of art materials.

Beginning Band 1302000 (Year)

Beginning Band is a fun, interactive open for any student with little or no experience on a musical instrument. The Band Director works closely with students to determine which instrument they will be most successful with and then help them obtain that instrument from local music stores. Throughout the year, students will learn how to make a great sound, play familiar tunes, read and understand music, and perform several concerts and even an optional solo. Instrumentalists work on the fundamentals of music notation, sound production, instrument care and maintenance, and personal and group rehearsal strategies. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. This course may require students to obtain a musical instrument from an outside source. *Performances are an integral part of the curriculum.*

Concert Band 1302010 (Year)

Students with previous band experience build on instrumental technique, music literacy, and aesthetic response through rehearsal, performance, and study of a variety of high-quality band literature. Instrumentalists expand their knowledge of music notation, music theory, sound production, and personal and group rehearsal strategies. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. This course may also require students to obtain a musical instrument (e.g., borrow, rent, purchase) from an outside source. *Performances are an integral part of the curriculum.*

Band 3 1302020 (Year)

Students with previous band experience expand on their instrumental technique, music literacy, and aesthetic response through rehearsal, performance, and study of a variety of intermediate-level, high-quality band literature. Instrumentalists extend their knowledge of music notation and theory, sound production, and personal and group rehearsal strategies. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. This course may also require students to obtain a musical instrument (e.g., borrow, rent, purchase) from an outside source. *Performances are an integral part of the curriculum.*

Instrumental Ensemble 1302110 (Year)

Jazz Band is an exciting yearlong elective for motivated and talented students. They must complete an audition with the Band Director or be placed at their discretion. The course explores the rhythmic and improvisational skills used to perform jazz as well as the stylistic and historical understanding. Students will study the three basic types of jazz: Rock, Swing and Latin. The instrumentation for this jazz ensemble may consist of but not limited to trumpets, saxophones, trombones, bass guitar, guitar, drum set and keyboard. *Performances are an integral part of the curriculum.*

Chorus 1 1303000 (Year)

This course performances and/or rehearsals outside the regular school day. All students start in beginning chorus and all students who are new to the Indian Trails Middle School choral program will be placed in the beginning chorus class. All other students will be placed in a chorus class, based on the Choral Director's recommendation.

Performances are an integral part of the curriculum.

Chorus 2 1303010 (Year)

Students build on previous choral experience to expand vocal, technical, musical, and ensemble skills through rehearsal, performance, and study of high-quality choral literature. Singers focus on increasing knowledge of music theory, music literacy, and aesthetic response. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. *Performances are an integral part of the curriculum*

Chorus 3 1303020 (Year)

Students with previous choral experience build intermediate-level knowledge of vocal technique, musical literacy, ensemble skills, and related musical knowledge through rehearsal, performance, and study of a variety of high-quality 2-, 3-, and 4-part choral literature. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. *Performances are an integral part of the curriculum*

Show Choir (Audition) 1303100 (Year)

Students build on previous choral experience to expand vocal, technical, musical, and ensemble skills through rehearsal, performance, and study of high-quality choral literature. Singers focus on increasing knowledge of music theory, music literacy, and aesthetic response. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. *Performances are an integral part of the curriculum.*

Art 2D 0101010 (Semester)

Students explore media and techniques used to create a variety of 2-D artworks through developing skills in drawing, painting, printmaking, and collage. Students practice, sketch, and manipulate the structural elements of art. Investigation of artworks from Western and non-Western cultures provide a means for students to expand their understanding and appreciation of the role of art in global culture. Student artists use an art criticism process to evaluate, explain, and measure artistic growth in personal or group works.

Art 3D 0101035 (Semester)

Students learn to translate their two-dimensional skills into three-dimensional forms through the exploration of natural, abstract, and synthetic sculptural forms using materials that may include, but are not limited to, clay, plaster, and mixed media for creative expression. These student artists develop perceptual, creative, technical, and problem-solving skills in a sculptural context as they design and produce works of art with personal expression. Students in M/J Exploring Three- Dimensional Art focus on use of safety procedures for process, media, and techniques. This course performances and/or rehearsals outside the regular school day. All students start in beginning chorus and all students who are new to the Indian Trails Middle School choral program will be placed in the beginning chorus class. All other students will be placed in a chorus class, based on the Choral Director's recommendation.

Musical Theatre 0400000 (Semester)

Students learn the basics of building a character through such activities as pantomime, improvisation, and effective speaking using articulation, projection, and breathing. Students also learn the importance of technical theatre and explore the use of such elements as costumes, props, and scenery. Students practice writing for the theatre and explore various theatre roles and functions. Students learn the basics of building a character through such activities as

pantomime, improvisation, and effective speaking using articulation, projection, and breathing. Students also learn the importance of technical theatre and explore the use of such elements as costumes, props, and scenery. Students practice writing for the theatre and explore various theatre roles and functions.

Introduction to Dance Techniques 0300100 (Semester)

Students develop dance technique and movement vocabulary in one or more dance forms. In the process, dancers demonstrate use of class and performance etiquette, analytical and problem-solving skills, and studio practices in a safe dance environment. Students may be required to attend and/or participate in rehearsals and performances outside of the school day to support, extend, and assess learning in the classroom.

Dance 1 0300000 (Semester)

This semester course is designed for students to develop dance technique and movement vocabulary in two or more dance forms. In the process, dancers demonstrate use of class and performance etiquette, analytical and problem-solving skills, and studio practices in a safe dance environment. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

Dance 2 – Blazerettes 0300010 (Year)

Designed for students to further develop and enhance their dance technique and movement vocabulary. This class is designated specifically for ITMS dance team Blazerette performers and requires teacher recommendation and performance tryouts. *Application must be submitted to dance teacher.*

Creative Writing 1009000 (Semester)

The purpose of this course is to enable students to learn and use writing and language skills for creative expression in a variety of literary forms. Emphasis will be on development of a personal writing style.

Yearbook/Journalism 1006000EY (Year)

Students will explore the tools, skills and etiquette of news reporting. Various techniques and skills will be utilized including word processing, internet research, digital camera images, computer presentation and desktop publishing. The fundamentals of journalism will be stressed such as interviewing techniques, editing, journalistic conduct, communication laws, grammar rules, news layout and design, and fine writing skills. Students are selected through an interview process by the Yearbook Advisor. *Application must be submitted to guidance.*

Newspaper/Journalism 1006000EN (Year)

Students will explore the tools, skills and etiquette of print news reporting. Various techniques and skills will be utilized including word processing, internet research, digital camera images, computer presentation and desktop publishing. The fundamentals of journalism will be stressed such as interviewing techniques, editing, journalistic conduct, communication laws, grammar rules, news layout and design, and fine writing skills.

TV Production 1700000 (Year)

TV Production is designed to introduce students to television production techniques. The course will include television history, script writing and interviewing techniques. Students will be introduced to production roles, basic equipment use and basic editing techniques. Students are selected through an interview process by the Video Productions teacher. *Application must be submitted to guidance.*

Physical Ed 6th Gr-1508600; 7th Gr-1508700; 8th Gr-1508708 (Semester) – State requirement every year in middle school

This course enables students to participate in various individual and team sport activities. Students will gain an appreciation for movement education and physical activity. Lifelong physical activity is promoted during the course. Students are instructed in activities such as basketball, volleyball, flag football, middleball, ultimateball, pillow polo, soccer, softball, ping pong, shuffleboard, and badminton. Students will develop an understanding of the importance of physical activity. Students are to have fun and enjoy physical activity in a safe and healthy environment. Enjoyment

of physical activity is encouraged throughout the course.

Renewable Energy 1: Introduction to Energy 9709350 (Semester)

The purpose of this course is to assist students in making informed decisions regarding their future academic and occupational goals and to provide information regarding careers in the Energy career cluster. The content includes but is not limited to planning, managing and providing support and technical services related to the generation, transmission and distribution of various types of energy along with the design engineering, construction, maintenance and repair of these systems. Reinforcement of academic skills occurs through classroom instruction and applied laboratory procedures. Instruction and learning activities are provided in a laboratory setting using hands-on experiences with the equipment, materials and technology appropriate to the course content and in accordance with current practices.

Renewable Energy 2: Fundamentals of Energy 9790300 (Semester)

The purpose of this course is to assist students in making informed decisions regarding their future academic and occupational goals and to provide information regarding careers in the Energy career cluster. The content includes but is not limited to careers in the energy industry, various energy sources, and electrical power generation, transmission and distribution. Instruction and learning activities are provided in a laboratory setting using hands-on experiences with the equipment, materials and technology appropriate to the course content and in accordance with current practices.

Business Keyboarding 88888888C (Semester)

The purpose of this course is to assist students in making informed decisions regarding their future academic and occupational goals and to provide information regarding careers in the Business, Management, and Administration career cluster. The content includes but is not limited to instruction in introductory keyboarding, introductory word processing, introductory electronic presentation, introductory computer hardware, introductory Internet, and soft skills for business applications.

Robotics 1 8600070 (Semester)

This course is designed for students to explore careers in science, mathematics, engineering and technology. Students will participate in a variety of hands-on activities, and are encouraged to participate in the UCF Regional SECME Competition.

Robotics 2 1700000ER2 (Semester)

Students learn how to code by working in a real software development environment to design, program and publish mobile apps and games. Learning to code by creating real products, students discover how to make amazing things and have an impact on their world.

NJROTC 2104010AB (Year)

This is a year-long course which focuses on classroom study, physical fitness, respectful conduct, good personal appearance and leadership training. The Middle School Naval JROTC program emphasizes each cadet's responsibilities in society. All students may participate.

Virtual Lab 88888888 (Semester or Year)

Students who are interested in taking an online course through Seminole County Virtual School (SCVS) will be enrolled in our virtual lab that meets on the ITMS campus. Students who are early release may take a virtual course a home in lieu of an ITMS elective.



Middle School iSeries Courses

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

All middle school students must complete at least two of the three courses listed below by the end of 8th grade (iJourney is required along with either iChallenge or iConnect). Your school may provide direction on the best grade level or sequence for these courses.

iJourney: One Semester Course for Middle School
Course Code: 9100110

"There is no greater journey than the one that you must take to discover all of the mysteries that lie within you" (Michelle Sandlin). This is your chance to have the choice and freedom you've ALWAYS dreamed of to go wherever you want in life! On this journey you will get to explore yourself (hence the title "I" Journey), get to know your interests, and figure out where it is you want to go both in school and in life! You will discover the many educational pathways offered in Seminole County Public Schools that lead to careers and make a plan for your prosperous future. **This course provides an opportunity to earn one digital tool certificate.**

iChallenge: One Semester or One Year Course for Middle School
Course Code, One Semester: 9009350A or
Course Code, One Year: 9009350B

One Semester Option: Are you ready for your future? By the year 2020 there will be 1.4 million computing jobs and only 400,000 Computer Science students. With so many opportunities in Computer Science, choose iChallenge and learn about this growing field and how it will impact your future, regardless of the career you choose! This coding and game-based course will allow you to earn a digital tool certificate and prepare you to take AP Computer Science Principles in high school. This class uses a combination of online learning, teacher instruction, and project based learning. You will have the ability to choose projects that excite you, with topics you want to learn more about relating to coding and Computer Science. "Coding is today's language of creativity. All our children deserve a chance to become creators instead of consumers of computer science" (Maria Klawe). **This course provides an opportunity to earn one digital tool certificate.**

iConnect: One Semester Course for 0.5 High School Credit
Course Code: 8300330

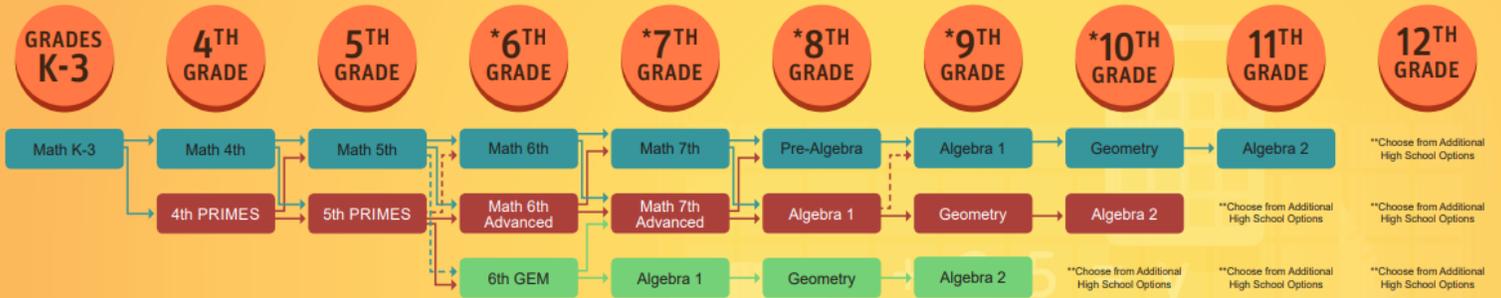
How much do you know about technology? Discover how "Technology, like art, is a soaring exercise of the human imagination" (Daniel Bell). This semester, you will discover new possibilities and learn about technology applications and communication techniques through this innovative and interactive course. In addition, you will have the opportunity to "show off" your skills by producing a culminating activity that includes your favorite projects from the course and will be added to your ePortfolio! **This course provides an opportunity to earn two digital tool certificates.**

Rev. 11.30.2017



MATH PROGRESSION

KINDERGARTEN THROUGH GRADE 12



--- Variations in course pathways available.

*Additional Math Support Courses

Additional math support courses are available for those students in grades 6-10 who need additional assistance.

**High School Options

Additional Courses

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

Advanced Placement

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

Dual Enrollment

College Algebra
Trigonometry
Differential Equations
Calculus 3

NOTE: Math course options and prerequisites may vary based on location. Please check with your child's school for a complete list of additional math courses offered.

www.scps.us



SCVS MIDDLE SCHOOL CLASSES

virtualschool.scps.k12.fl.us

(See Curriculum Guide for Prerequisites)



High school classes taken in middle school go on the high school transcript that colleges will see, and affect the high school GPA.

* High School Credit + High School Elective Credit, Not Math Credit

For eCampus classes, register at virtualschool.scps.k12.fl.us.

Language Arts

M/J LANG ARTS 1

M/J LANG ARTS 2

M/J LANG ARTS 3

M/J LANG ARTS 1 ADVANCED

M/J LANG ARTS 2 ADVANCED

M/J LANG ARTS 3 ADVANCED

Mathematics

M/J MATH 1

M/J MATH 2

M/J PRE-ALGEBRA (Standard only)

M/J MATH 1 ADVANCED

M/J MATH 2 ADVANCED

ALGEBRA 1 * +

ALGEBRA 1 HONORS * +

GEOMETRY * +

GEOMETRY HONORS * +

Science

M/J SCIENCE 1

M/J SCIENCE 2

M/J SCIENCE 3

M/J SCIENCE 1 ADVANCED

M/J SCIENCE 2 ADVANCED

M/J SCIENCE 3 ADVANCED

BIOLOGY *

BIOLOGY HONORS *

Social Studies

M/J WORLD HISTORY

M/J US HISTORY

M/J CIVICS

M/J WORLD HISTORY ADVANCED

M/J US HISTORY ADVANCED

M/J CIVICS ADVANCED

World Languages

M/J BEGINNING SPANISH

M/J INTERMEDIATE SPANISH

SPANISH 1 *

FRENCH 1 *

ASL 1 * eCampus

Electives

M/J 6TH GRADE PE

M/J 7TH/8TH GRADE PE

M/J BUSINESS KEYBOARDING eCampus

M/J CREATIVE PHOTOGRAPHY

M/J JOURNALISM

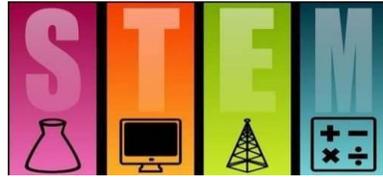
M/J GUITAR

M/J CRITICAL THINKING/PROBLEM SOLVING

M/J CAREER RESEARCH & DECISION MAKING

M/J PEER COUNSELING

M/J ART HISTORY eCampus



INDIAN TRAILS EXTRACURRICULULAR CLUBS AND ORGANIZATIONS

BROADWAY BLAZERS

The theater production program offers participating students a full production experience. From acting to singing to behind-the-scene technical crews and set design you will get the whole production experience. The students perform a yearly play in the spring.

STEM CLUB

STEM Club is sponsored by Duke Energy. Students will use hands on challenges and will perform science, renewable energy, and engineering challenges until mastery. They will use their mastery to teach 5th grade students at Keeth Elementary. Students will program tools such as drones and robots, will compete in the Rube Goldberg competition, and will become leaders in the field of STEM for our school.

BETA CLUB

The Beta Club promotes academic excellence and service in our community. This club provides students with opportunities to become leaders within their classrooms, school, and community. Middle School students work to excel in school and to adhere to the National Beta Club's mission of promoting the ideals of academic achievement, character, service, and leadership among elementary and secondary school students.

STUDENT GOVERNMENT ASSOCIATION

Student Government Association (SGA) is comprised of an executive board and representatives. Each year, the school holds an election for the executive board (president, vice president, secretary). Approximately sixty students are engaged in leadership positions throughout the year, through the elected representatives as well as classroom representatives. SGA is responsible for planning and assisting in a variety of school events and community outreach programs. They are also instrumental in initiating the recycling project on campus.

ART CLUB

Art Club is open to all middle school students. This is a great place to explore your personal interests in art and get some hands-on experience with art tools and materials if you are not in art class or if you just want more art in your life!

CREATIVE WRITING CLUB

The Creative Writing Club is a student organization that focuses on honing and refining fiction, nonfiction, poetry, and graphic narrative writing abilities in middle school students. Students focus on a different genre of writing monthly and collaborate on a variety of projects, including updating and maintaining an online literary publication.

ASTRONOMY/SPACE SCIENCE CLUB

The goal of Astronomy/Space Science Club is to make a real and sustained impact on the science literacy of our students, connecting ideas and real world scenarios with the standards, and to motivate our students toward careers in science/space engineering by creating an atmosphere of curiosity and excitement.

SCPS MIDDLE SCHOOL SPORTS

Indian Trails Middle School offers all students the opportunity to participate in an interscholastic sports program. In order to participate, students are required to have a physical examination, have parent permission, and provide proof of insurance. Students selected for the competitive teams are required to pay a registration fee.

Students will not be excluded from play due to an inability to pay. Scholarships are available. Sixth and seventh grade students may be selected to participate in junior varsity competition. Seventh and eighth grade students may be selected to participate in varsity competition. All interscholastic sports participants must maintain a 2.0 Grade Point Average (GPA) or better on their most recent report card. If participating in Fall sports, the GPA from the previous school year will be considered. During participation, if a student's GPA falls below a 2.0, the student will be removed from the team. Good sportsmanship and adherence to the Seminole County Conduct and Discipline Code is expected of all student athletes.

Indian Trails Middle School offers the following sports teams:

Volleyball
Cross Country
Track and Field
Basketball
Cheerleading
Blazerettes – Dance Team

