

INDIAN TRAILS MIDDLE SCHOOL

2024-2025 Curriculum Guide



415 Tuskawilla Road – Winter Springs, FL 32708

Phone 407-320-4350



Welcome to Indian Trails Middle School, future Trailblazers!

I am so excited to be your new principal! In case you were wondering how to pronounce my name, it is pronounced, “Harr-Shah-Fee”.

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 **Ignite Your SPARK!** 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 Blazers musical, join our sports programs, invent a new recipe through our culinary program, or create the next great invention in robotics, renewable energy, or sustainable living, you have a path here at ITMS! The decisions you make are up to you!

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

Middle school is an essential part of a student’s educational journey. 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 journey based on their needs and abilities. As you decide which classes you are going to take, ask yourself, “Am I challenging myself to be the best version of myself?” Use this curriculum guide to help you make those decisions, both short-term and long-term, to help you Invent Your Future and reignite your SPARK!

I’m looking forward to a wonderful year!

Trish Elkharchafi, M.Ed.
Principal

ADMINISTRATION

Mrs. Trish Elkharchafi – Principal
Mrs. Jamie Barnes – Assistant Principal
Dr. John Pagnotti – Assistant Principal
Mrs. Kathleen Robinson – Assistant Principal
Ms. Grace Turner– Dean
Ms. Heather Carrigan– Dean

COUNSELORS

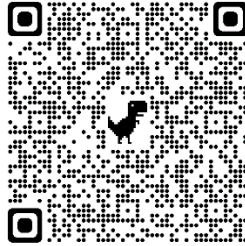
Ms. Pat Hamilton – Students with the last names A - L
Mrs. Uta Maharaj – Students with the last names M - Z

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STUDENT PROGRESSION PLAN INFORMATION

The Student Progression Plan is available for review through the link and/or the QR code below. The Student Progression Plan outlines important information about middle school instruction, special programs, grading procedures, etc. Additionally, admissions, enrollment, and transfer information can be found in this document.



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 homestead exemption and (2) a copy of a current electric bill/water 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 and (2) a copy of a current electric bill/water 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 notarized 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/birth certificate.
- 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

School attendance is the responsibility of parents and students. Absences shall be reported to the school by the parent as soon as practicable. The student shall make up all work missed while absent. The Superintendent is authorized to file a truancy petition under F.S. 984.151 if a student has accrued at least five unexcused absences within a calendar month or ten unexcused absences within a ninety-calendar day period or has had more than fifteen unexcused absences in a ninety-calendar day period. Excused absences include:

- Personal illness of the student (medical evidence may be required by the principal or designee for absences exceeding five consecutive days).
- Court appearance of the student.
- Medical appointment of the student.
- Approved school activity.
- Insurmountable conditions. Insurmountable conditions are extreme weather conditions, communicable disease outbreaks, and local conditions determined by the School District which, after taking into account the material circumstances, would render impracticable a student's attendance at school. (F.A.C. 6A-1.09513)
- Other absences with prior approval of the principal or designee.
- Attendance at a center under Children and Families Services supervision.
- Significant community events with prior permission of the Principal.
- Religious instruction or religious holiday.
- Death in the immediate family.
- Appointments for a therapy service provided by a licensed health care practitioner or behavior analyst certified pursuant to Florida law for the treatment of autism spectrum disorder including, but not limited to, applied behavioral analysis, speech therapy, and occupational therapy.

****Absences not included in excused absences listed above shall be unexcused.**

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.

VIRTUAL SCHOOL


Seminole County Schools recognizes today's students learn in different ways, at different rates, and on different schedules. Our schools now offer the flexibility to accommodate today's students and families through a variety of educational pathways.

Because of the unique needs of the 21st Century learner, flexible schooling options are available to provide students with an optimal learning situation. Students have the opportunity to blend traditional face-to-face instruction with virtual courses. These different pathways to learning are called ePathways. Through ePathways, students may select from a variety of course options that can be taken in a modern classroom setting or in a virtual environment. Students may choose to take advantage of the variety of courses that are offered through Seminole County Virtual School. For each course taken, students will be assigned to a computer lab for a period as part of the regular school day. It is recommended that a student start by taking only one virtual course at a time but can take up to three courses at a time while remaining a Jackson Heights student.

NOTE: For the 2024-2025 school year, SCPS will provide a full-time virtual instruction option to all students in grades K12 through Seminole County Virtual School. Enrollment will be open at 9:00 am on Wednesday, April 2, 2024 and will close at 12:00 PM on Friday, July 16, 2024. For more information, please see your certified school counselor or visit <https://virtuelschool.scps.k12.fl.us>.

ACADEMIC GRADE LEVEL CONTENT COURSE OFFERINGS

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

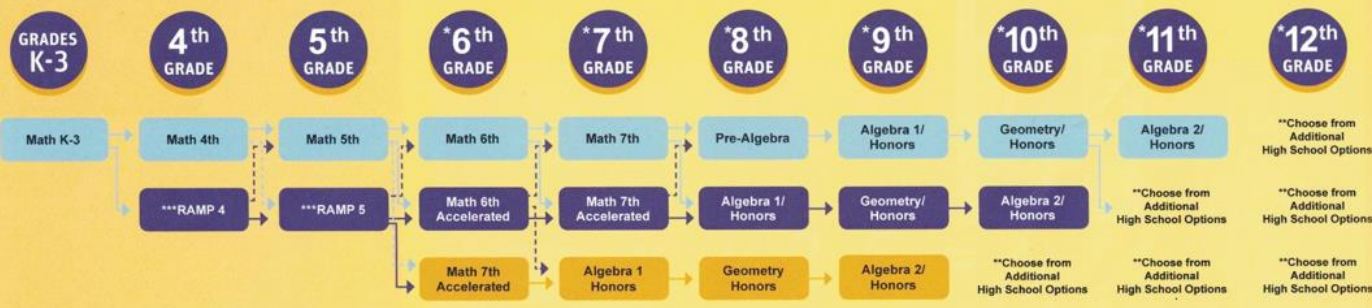



SEMINOLE COUNTY
PUBLIC SCHOOLS

FLORIDA'S B.E.S.T. STANDARDS FOR MATHEMATICS

MATH PROGRESSION

KINDERGARTEN THROUGH GRADE 12





Students' individual math course progressions should be customized based on their learning needs and their college and career goals. Solid arrows indicate common course progressions in mathematics, while dashed arrows indicate potential alternative course progressions. Math course options and prerequisites may vary based on location. Please check with your student's school for a complete list of additional math courses offered

*** Additional Math Support Courses**
Math support courses are available for those students in secondary grades who need additional assistance.

**** High School Options**

| | | |
|--|--|--|
| <p>Additional Courses</p> <ul style="list-style-type: none"> Pre-Calculus Honors Probability and Statistics Honors Math for Data and Financial Literacy/Honors | <ul style="list-style-type: none"> Math for College Liberal Arts Math for College Algebra Calculus Honors | <p>Advanced Placement</p> <ul style="list-style-type: none"> AP Calculus (AB) AP Calculus (BC) AP Statistics |
|--|--|--|

***** RAMP:** Rigorous Accelerated Math Pathway

WWW.SPCS.US

MATHEMATICS

M/J Mathematics 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.

M/J Mathematics 1 Gifted/Accelerated 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.

RAMP 6 (Grade 7 Accelerated) 1205050G – Grade 6

Following RAMP 5 on SCPS' most accelerated math pathway (indicated in gold), RAMP 6 is the pre-algebra prerequisite course for 6th grade students intending to enroll in Algebra 1 Honors as 7th graders and Geometry Honors as 8th graders. Upon completion of Geometry Honors in 8th grade, students in this pathway **then complete four additional advanced math courses in high school.**

In RAMP 6, students are placed with other 6th graders in a Grade 7 Accelerated class, where they learn approximately one-half of the 7th and all the 8th grade B.E.S.T. Math Standards. To view the standards aligned to this course, follow this link: <https://www.fldoe.org/core/fileparse.php/7576/urlt/Grade-7-Accelerated.pdf>.

Please note that families of current RAMP 5 students who wish to slow this rigorous accelerated math pathway can instead enroll their student in Math 1 Accelerated (please see above). These students will then typically take Grade 7 Accelerated as 7th graders, Algebra 1 as 8th graders, and Geometry students as 9th graders.

M/J 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.

M/J Mathematics 2 Gifted/Accelerated 1205050 – Grade 7

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.

M/J 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 Honors 1200320 – Grades 7 and 8

This course counts as a high school elective credit. It 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. The prerequisite for 7th graders is 7th grade Accelerated and prerequisite for 8th graders is 7th grade accelerated math.

Geometry Honors 1206320 – Grade 8

This course counts as a high school elective credit. It 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 situation. 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. Prerequisite is Algebra 1 Honors.

Algebra Support 1204000E – Grade 8

This course is a math support that is provided to 8th graders taking Algebra 1 who scored a Level 3 on FAST math in 7th grade or who were in standard math in 7th grade.

LANGUAGE ARTS

M/J Language Arts 1 1001010 and M/J Gifted/Advanced Language Arts 1 1001020 – 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. 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.

M/J Language Arts 2 1001040 and M/J Gifted/Advanced Language Arts 2 1001050 – 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. 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. Students explore a wide range of writing activities that emphasize critical thinking. Analysis of a novel is included.

M/J Language Arts 3 1001070 and M/J Gifted/Advanced Language Arts 3 1001080 – 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. The advanced language arts curriculum is designed to move at a rigorous pace. Vocabulary is enhanced through analogies and writing usage. Research will be conducted on the background of poetry and literature to study, analyze, and interpret these works. Students will enhance their writing skills through persuasive and expository writing, producing a variety of finished products, including poems, summaries, reviews, and essays. Essays will be critiqued based on criteria learned throughout the semester.

SCIENCE

M/J Comprehensive Science 1 2002040 and M/J Gifted/Advanced Comprehensive Science 1 2002050 – Grade 6

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

M/J Comprehensive Science 2 2002070 and M/J Gifted/Advanced Comprehensive Science 2 2002080 – Grade 7

This course has been designed to support understanding through big ideas in science, based on the Next Generation Sunshine State Standards for Science. This course will allow students to learn content across six interconnected units that will build from the content covered in 6th grade and will be developed further in 8th grade. The major concepts covered 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 gifted/advanced classes will be provided opportunities to dive deeper into the content and to make even more connections across science and with other disciplines. All 7th graders will participate in the science project; science fair is optional.

M/J Comprehensive Science 3 2002100 and M/J Gifted/Advanced Comprehensive Science 3 2002110 – 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. Students in gifted/advanced classes will be provided opportunities to dive deeper into the content and to make even more connections across science and with other disciplines. Science fair is optional.

SOCIAL STUDIES

M/J World History 2109010 and M/J Gifted/Advanced World History 2109020 – 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.

M/J Civics 2106010 and M/J Gifted/Advanced Civics 2106020 – 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 yearlong 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.

M/J US History Advanced 2100020 – Grade 8

This course offers 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 notetaking, 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.

M/J 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 |
|--|---|--|
| Art 2D Art 3D Band Chorus Creative Writing Critical Thinking/Learning Strats Culinary 1 Learning Pathways Intro to JROTC Musical Theatre Physical Education (req) Renewable Energy 1 Robotics 1 Beginning Spanish Sustainable Living 1 Virtual Course Yearbook/Journalism* Health & Nutrition Innovation/Creativity Men of Excellence* Women of Distinction* | Art 2D Art 3D Band Chorus Creative Writing Critical Thinking/Learning Strats Culinary 1 & 2 Exploring Pathways Intro to JROTC Musical Theatre Physical Education (req) PIT Crew (Peer Inclusion) * Renewable Energy 1 & 2 Robotics 1 & 2 Robotics Team Beginning Spanish Spanish 1 Sustainable Living 1 & 2 Student Ambassador (SA)* Virtual Course Wolf TV* Yearbook/Journalism * Health & Nutrition Innovation/Creativity Men of Excellence* Women of Distinction* | Art 2D Art 3D Band Chorus Creative Writing Critical Thinking/Learning Culinary 1 & 2 Advancing Pathways Intro to JROTC Musical Theatre Physical Education (req) PIT Crew (Peer Inclusion) Renewable Energy 1 & 2 Robotics 1 & 2 Robotics Team Beginning Spanish Spanish 1 Sustainable Living 1 & 2 Student Ambassador (SA)* Virtual Course Wolf TV* Yearbook/Journalism* Health & Nutrition Innovation/Creativity Men of Excellence* Women of Distinction* Culinary Arts 1 (<i>high school credit</i>) Spanish 1 (<i>high school credit</i>) Algebra Support |
| | <p><i>*This course requires an application and/or permission to be enrolled. Applications are available via student services (guidance).</i></p> | |

ELECTIVE CLASSES

M/J Spanish Beginning 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

M/J Sustainable Living 1 8100310 (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 Agriculture, Food and Natural Resource career cluster. The content includes but is not limited to agricultural literacy, importance of agriculture, the role of science, math, reading, writing, geography, history, and technology in agriculture, plants and animals, and sources of consumer goods from agriculture. 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.

M/J Sustainable Living 2 8100120 (Semester)

This course builds on what is learned in Sustainable Living 1 and students will gain hands-on experience with raising and monitoring livestock. *Prerequisite Sustainable Living 1*

Fundamentals of Culinary 1 8809200 (Semester) & Fundamentals of Culinary 2 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. *Prerequisite to Culinary 2 is Culinary 1*

Culinary Arts 1 8800510 High School Elective Credit (Year) – Prerequisite required (Culinary 1 & 2)

This course covers the history of the food service industry and careers in that industry. Also covered are safety in the workplace, employability skills, leadership/teamwork skills, care and use of commercial culinary equipment, basic food science, basic nutrition, and following recipes in food preparation labs.

M/J Band 1 (Beginning) 1302000 (Year)

Beginning Band is a fun, interactive open for any student with little or no experience of a musical instrument. The Band Director works closely with students to determine which instrument they will be most successful with and then helps 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.**

M/J Band 2 (Concert) 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.**

M/J 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.**

M/J 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.**

M/J Chorus 1 (Beginning) 1303000 W (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.**

M/J Chorus 2 13030100 M/W (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.**

M/J 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.**

M/J 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.**

M/J Exploring Two- Dimensional Art 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.

M/J Exploring Three-Dimensional Art 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.

M/J Musical Theatre 0400035 (Semester)

Students' course work focuses on, but is not limited to, acting, vocal performance, dance, non-dance movement, and staging, which transfer readily to performances in musicals and other venues. Students survey the evolution of music in theatre from ancient Greece to modern Broadway through a humanities approach and representative literature. Music theatre students explore the unique staging and technical demands of musicals in contrast to non-musical plays. 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.

M/J Creative Writing 1- 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.

M/J Yearbook/Journalism 1006000EY (Year) *Application required and must be submitted to guidance.*

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.

M/J Wolf TV 1700000 (Semester) *Application required and must be submitted to guidance.*

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.

Physical Ed 6th Gr-1508060; 7th Gr-1508070; 8th Gr-1508080 (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, middle ball, ultimate ball, 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.

Learning Pathways 9100110 (Semester)*Required

This course provides students with the opportunity to engage in strength/interest identification and career exploration. Through focused projects and activities, students will investigate and apply workplace skills, align strengths and interests with college and career pathways, and develop a personalized career and education plan including both short and long-term goals.

Exploring Pathways 8000400 (Semester) *Required

Students will engage in a deeper exploration of the career cluster groups and the SCPS high school programs for which they link, including the associated technologies and the AI within each cluster. Students will participate in collaborative problem solving, have an opportunity to earn multiple digital tools certificates, and produce a comprehensive individualized career portfolio.

Advancing Pathways 9009600 (Semester) *Required

Students will advance their computer science skills in preparation for high school AP Computer Science Principles. Students will complete projects with coding and prototypes using the CS Discoveries curriculum from Code.org. Students will explore various computer science related careers in all industries and have the opportunity to earn a digital tools certification..

Health and Nutrition 1700060 (Semester)

Students will learn the basics of nutrition and how food affects the body. Students will explore the various components of health and nutrition including fundamentals of good health, physical fitness, basics of nutrition, personal safety, and overall health.

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. *Prerequisite Renewable Energy 1*

Robotics 1 8600070 (Semester)

This course is designed for students to explore careers in science, mathematics, engineering, and technology. This course teaches robotics using project-based learning and Lego EV3 Robots. This course also teaches engineering design with hands-on projects, Minecraft design with life science standards, and 3D design to solve problems with 3D printing.

Robotics 2 1700000ER2 (Semester)

This course is designed for students to explore careers in science, mathematics, engineering, and technology. This course teaches robotics using project-based learning and Lego EV3 Robots. Students finish robots with battling robots in a sumo ring. This course also teaches engineering design with complex hands-on projects, Minecraft design with physics science standards, and 3D design to solve problems with 3D printing. *Prerequisite Robotics 1*

Robotics Competition Team 1700010ER2 Application Course Robotics 1 Prerequisite (Year)

This course is designed for students to explore careers in science, mathematics, engineering, and technology. Students will apply to be a part of this course. Students need to have at least taken Robotics 1 to be eligible. Students will compete in regional tournaments in the state of Florida using Vex EDR robots (large, advanced robots that operates in a 12 ft by 12 ft field). This course requires a \$30 fee and possibility of fundraising to pay for tournament registration and tee-shirts.

JROTC 2104010AB (Semester)

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

Virtual Lab at ITMS (Semester or Year) 333333SVS

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 approved for early release may take a virtual course a home in lieu of an ITMS elective.

M/J Peer Counseling 333333SVS Virtual Class (Semester)- 6th grade required course

This course will be taken through SCVS in the ITMS virtual lab. Students will gain the skills to help you succeed in all areas of your life. You will learn how to take action, set goals, manage your time, and help your peers.

M/J Business Keyboarding in Virtual Lab (semester) 333333SVS

This course will be taken through SCVS in the ITMS virtual lab or at home for students who are approved for early release. Students will be using a special online library of software to gain typing speed while learning the proper technique to become a keyboarding master. Students will also learn business skills to prepare for your future career.

M/J Creative Photography (semester or full year) 333333SVS

This course will be taken through SCVS in the ITMS virtual lab or at home for students who are approved for early release. Students will learn and apply basic camera skills to photograph animals, people, and landscapes. You will

select subjects, take photographs, and print and display memories in your own portfolio. You must have access to a digital camera (cell phone cameras do not meet the requirement) to take this course.

Critical Thinking Skills/Learning Strategies 1700100 (6th grade ONLY- Semester)

Students will develop learning strategies, critical-thinking skills, and problem-solving skills to enhance their performance in academic and nonacademic endeavors. Strategies included will range from oral and written communication, test-taking skills, organization and time management, and critical thinking processes.

Innovation and Creativity 1700000I1 (Semester)

Students will be engaged in a creative problem-solving program where they will work in teams. The program will allow students the opportunity to explore creative thinking processes, similar to Odyssey of the Mind where they will be provided the opportunity to learn creative problem solving, brainstorming, and teamwork. The course will emphasize teamwork, budgeting, time management, and creativity to solving open-ended questions with original solutions.

PIT Crew (Peer Inclusion Team) 1400025 (Semester)

PIT Crew is an elective that is designed to provide peer support for students with disabilities. Being a peer buddy provides a chance for students with and without disabilities to work together in inclusive educational settings. Additionally, being a PIT Crew team member encourages positive social interactions and social relationships to develop among students of all ability levels. *Must be approved by Teacher Sponsor.*

Office/Teacher Assistant (TA) 0500000ET (Year) –8th Graders ONLY

Application required and must be submitted to guidance during registration in order to be considered for next school year.

Being a TA provides the opportunity to build relationships with staff, teachers, and students. TAs develop leadership skills by collaborating with teachers, assisting in the classroom, answering student questions, helping with activities, preparing materials for the day, etc. TAs must demonstrate willingness and enthusiasm to work with others, responsibility, appropriate organizational skills, respectful communication, confidence, confidentiality, good attendance, and good grades. Failure to follow these requirements will result in being removed as a SA.

WOMEN OF DISTINCTION 0500000WD (Semester)

YOUNG MEN OF DISTINCTION 0500000ME (Semester)

Application required and must be submitted to guidance during registration in order to be considered for next school year.

This course will address a number of life skills and strategies for success, with emphasis on attaining academic and personal goals, as well as future professional goals in a diverse society. Topics covered include creative and realistic goal setting, academic and life management, cultural learning styles, college and community resources, library and Internet use, organization and time management, and techniques to reduce math and science anxiety; evaluation and application of academic study methods to achieve subject matter mastery. Development of critical thinking skills, and application of reading, writing, note taking and test taking methods to improve personal strategies. Exploration of personal lifestyle and health factors, including the causes and management of stress, as it relates to academic success. Assessment of academic and career goals, selection of majors, and development of education plans. Topics from developmental psychology, learning theory and personality theory will be presented as a foundation for the course; these topics will be enhanced by using different media forms.



INDIAN TRAILS BEFORE/AFTER SCHOOL EXTRACURRICULAR 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!

RUNNERS CLUB

Runners Club is open to all middle school students. This is a great place to explore your personal interests in running and to get training on best form and endurance. Club meets at 7:30 am M-F in August-November.

ODESSY OF THE MIND

Odyssey of the Mind is the world's greatest creative problem-solving program. By choosing a problem to solve, students learn, develop, and employ skills related to teamwork, resource management, designing and making,

divergent thinking, and so much more. Odyssey of the Mind provides students with a place to learn today's creative problem-solving skills while having fun! We participate in an annual local and state competition.

ANIME CLUB

The ITMS Anime Club is an organization for students of all backgrounds to come discuss anime in a safe, fun, and welcoming environment. We meet to discuss, show, and promote anime in the Media Center (School Library) and focus on broadening Japanese cultural understanding!

SECME

Founded in 1975 as The Southeastern Consortium for Minorities in Engineering, SECME is an alliance of K-12 educators, universities and industry/government partners committed to engaging and preparing more minorities and girls for college and careers in STEM.

DUNGEONS AND DRAGONS

Dungeons & Dragons is a fantasy tabletop role-playing game originally designed by Gary Gygax and Dave Arneson. It was first published in 1974 by Tactical Studies Rules, Inc. It has been published by Wizards of the Coast since 1997. The many worlds of Dungeons & Dragons are places of magic and monsters, of brave warriors and spectacular adventures. They begin with a foundation of medieval fantasy and then add the creatures, places, and magic that make these worlds unique.

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

