

Middle School Course Directory

For High School Preparatory Academies



Cambridge AICE Academy
Accelerated Academic Program

Visual & Performing Arts Academy
Performing Arts Prep Program
Digital & Visual Arts Prep Program

STEM Academy
CTE STEM Academy
Cambridge AICE STEM Engineering Academy

2 ~a high school credit * honors high school credit (this will be weighted on the HS GPA
requires a Gifted EP + Audition required = *not approved yet*

7th Grade Course Choices

Language Arts LA2 Cambridge AICE LA2 Adv.	Mathematics Math 2 Math 2 Camb. Sec. 1 (PreAlgebra) PreAICE Math 1 /Algebra 1 Honors*	Science Life Science Life Science 2 AICE	Social Studies US History US History Advanced US History Gifted #
Spanish Beginning Spanish Intermediate Spanish	Electives Acting Art 2-D 1 Band 1 (beginning) Band 2 (concert) Band 3 (wind ensemble) Chorus Digital Art & Design 1 Exploration of Prod. Technology Exploring Technology Fundamentals of AV Tech (TV) Percussion & Drumline (Explo Music) STEM Theatre 2 (Musical)	Physical Education Electives Dance 3 Dance 3 (Adv) + Martial Arts & Self-Defense PreAICE Physical Fitness* Team Sports	*denotes an honors high school credit (this will be weighted on the HS GPA) # requires a Gifted EP <i>Recommended Course Tracks are listed by Program.</i>

8th Grade Course Choices

Language Arts LA3 AICE LA3 Adv	Mathematics PreAlgebra PreAICE Math 1 Algebra 1 Honors* PreAICE Math 2 Geometry Honors*	Science Comp. Science 3 Comp. Science 3 AICE HS Physical Science Honors*	Social Studies Civics Civics Advanced Civics Gifted #
Spanish Intermediate Spanish Spanish 1 ~ Spanish 1 Natives ~	Electives AICE IGSCE Global Perspectives ~ Art 2-D 2 Band 2 (concert) Band 3 (wind ensemble) Chorus 3 Digital Art & Design 1 Digital Art & Design 2 (Prereq Req) Exploration of Prod. Technology Fundamentals of AV Tech (TV) Intro to Theatre Tech Office Aide Percussion & Drumline Speech & Debate I & II ~ STEM Coding Theatre 3 (Musical) +	Physical Education Electives Dance 2 Dance 3 (Adv) + Martial Arts & Self-Defense PreAICE Physical Fitness* Team Sports	~ high school credit * honors high school credit (this will be weighted on the HS GPA) # requires a Gifted EP + Audition required = <i>not approved yet</i> <i>Recommended Course Tracks are listed by Program.</i>

Cambridge AICE Academy

Cambridge AICE Academy

An accelerated language arts, history, and social awareness based program.

The purpose of this program is to prepare students for the rigor of advanced high school level programs, such as AICE, IB or the Law Academy Preparatory Program. Successful completion of these courses will also increase the chance for acceptance into the program of choice for high school as the courses are based upon requirements from the high school programs and will include a recommendation letter. Enrollment and completion of this preparatory program does NOT guarantee admission into comparable high school programs.

Student and Parent Commitment Statement

I understand that High School Prep classes are for motivated students. Success in these courses may require time outside of the classroom for practice, study and completion of assignments. Computer access and materials may be required for some assignments/projects.

Placement: LA & History- 90 % or better

Students must maintain a 3.0 GPA.

Satisfactory Attendance Required

HS Credit Criteria: Must take Spanish 1 for high school credit

*Failure to maintain academic and discipline standards will result in dismissal from program.

Afterschool Recommendations

NJHS

<p>SIXTH GRADE: LA: LA1 Adv. Social Studies: World History or World History Gifted # Spanish: Beg. Spanish or Beg. Electives: Open</p>	<p>SEVENTH GRADE: LA: Cambridge AICE LA2 Adv. Social Studies: US History Adv. or US History Gifted # Spanish: Intermediate Spanish Electives: PreAICE Fitness*</p>	<p>EIGHTH GRADE: LA: Cambridge AICE LA3 Adv. Social Studies: Civics Adv. Or Civics Gifted# Spanish: Spanish I~ or Spanish I Honors* Electives: PreAICE IGSCE Global Perspectives ~ Second elective is open.</p>
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High School Programs

<p>Booker H.S. AICE</p>	<p>Booker Law Academy</p>	<p>Sarasota H.S. AICE</p>	<p>Southeast I.B.</p>	<p>Riverview I.B.</p>
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S.T.E.M. Program

S.T.E.M. – Science, Technology, Engineering, and Mathematics Program Math, Science, and Technology Rich Curriculum

The purpose of this program is to foster a learning environment in which students work together on guided projects towards a goal. In addition, it is to prepare students for the rigor of STEM related high school programs, such as a medical preparatory program, MaST, or Suncoast Polytechnical. Successful completion of these preparatory courses in middle school will assist in being prepared with the prerequisites for the program of choice for high school and will include recommendation letters. Enrollment and completion of this preparatory program does NOT guarantee admission into comparable high school programs.

Student and Parent Commitment Statement

I understand that High School Prep classes are for motivated students. Success in these courses may require time outside of the classroom for practice, study and completion of assignments. Computer access and materials may be required for some assignments/projects.

*Failure to maintain academic and discipline standards will result in dismissal from program.

Track 1: CTE STEM Academy:

For students who want to be in tech classes interested in tech high school program that's more CTE path, such as Polytech or dual enrollment with Suncoast Technical College during Junior and Senior year.

- Exploring Tech elective (7th grade)
- STEM Coding elective (8th grade)
- Additional Tech elective (8th grade)
- 3's or better in Math and ELA FSA's (borderline 2 on FSA probation consideration)
- 2.5 GPA

Track 2: Cambridge STEM Academy:

For students who are interested in science/math/tech/engineering → going into competitive/advanced HS engineering program like AICE and/or MaST.

- ADV Math (Pre-AICE Alg. By 8th grade)
- ADV Science
- Exploring Tech elective (7th grade)
- STEM Coding elective (8th grade)
- 3's or better FSA's • 90% or better in Math and Science GPA
- Pre-AICE Spanish 1 in 8th grade
- 3.0 GPA

High School Programs

SHS MaST Sarasota High School http://www.shsmri.com/	<u>Suncoast Polytechnical High</u> Robotics Engineering Health Careers Health Sciences
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SSA+S Visual Performing Arts Academy

SSA+S offers multiple course tracks to prepare middle school students for successful entrance into the various arts programs offered in Sarasota and Manatee County.

Students can enroll in theatre, dance, music, visual or graphic arts elective classes as part of performing fine arts or visual/digital arts prep programs.

Successful completion of the following programs will also increase the chance for acceptance into the program of choice for high school and will include recommendation letters. Enrollment and completion of this preparatory program does NOT guarantee admission into comparable high school programs.

Track 1: Performing Arts Preparatory Program

The purpose of this Program is to prepare students for successful entrance into related high school VPA programs, with a focus in **dance, music, or theatre**. Teachers will assist students with their audition preparations. Booker VPA also offers limited auditions on the SSA+S campus to current students.

Track 2: Digital and Visual Arts Preparatory Program

The purpose of this Program is to prepare students for successful entrance into related high school VPA programs, with a focus in **Digital Art or Visual Art**. In addition, teachers will assist students in creating their portfolios for the VPA admissions' requirement.

High School Programs

Suncoast Polytechnical High	Booker VPA Program	Manatee School of the Arts	Southeast VPA Program
Animation, Game Arts & Stimulation E COMMERCE (Business Technology) Future Educators Practical Nursing Emergency Medical Services (EMS) and Fire/EMT Engineering and Robotics	Dance Theatre Visual Art Film & Animation Music Production & Design	Dance Digital Arts and Technology Music Theatre Visual Art	Visual Art Band Chorus Film Theatre Guitar Keyboard Nolettes (Dance/Guard) Orchestra
* www.sarasotacountyschools.net/schools/suncoastpolytechnical	* www.bookervpa.com	* www.msfta.org	* www.sehsvpa.com

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~a high school credit * honors high school credit (this will be weighted on the HS GPA)

requires a Gifted EP + Audition required = *not approved yet*

Performing Arts Preparatory Program

Dance, Music, and Theatre

The purpose of this program is to prepare students for successful entrance into related high school VPA programs, such as **dance, music, and theatre**. Successful completion of these courses will also increase the chance for acceptance into the program of choice for high school and will include a certificate of completion and a recommendation letter. Teachers will assist students with their audition preparations. Booker VPA also offers auditions on the SSA+S campus to current students.

Enrollment and completion of this preparatory program does NOT guarantee admission into comparable high school programs.

Student and Parent Commitment Statement

I understand that High School Prep classes are for motivated students. Success in these courses may require time outside of the classroom for practice, study and completion of assignments. Computer access and materials may be required for some assignments/projects.

Application Requirements:

Students must maintain a 2.5 GPA (includes core classes and Spanish)

Satisfactory Attendance Required (students with excessive absences will be declined)

*Failure to maintain academic and discipline standards will result in dismissal from program.

Placement: Audition Based and Teacher Recommendation

DANCE

To prepare for successful entrance into a high school dance program, we recommend the following courses:

Seventh Grade Electives

(Choose one of these)

Dance 2 (Mixed)
Dance 3 (Adv) +

Eighth Grade Electives

(Choose one of these)

Dance 2 (Mixed)
Dance 3 (Adv) +

MUSIC

To prepare for successful entrance into a high school music program, we recommend the following courses:

Seventh Grade Electives

(Choose one of these)

Band 1 (Beginning)
Band 3 (Wind
Ensemble) Chorus
Percussion & Drumline

Eighth Grade Electives

(Choose two of these)

Band 3 (Wind
Ensemble) Chorus
Percussion & Drumline

THEATRE

To prepare for successful entrance into a high school theatre program, we recommend the following courses:

Seventh Grade Electives

Theatre 3 (Musical) +

&

Dance (2 or 3 adv.)

Eighth Grade Electives

(Choose both)

PreAICE IGCSE Drama & Theatre 4
(Musical 2 period block) *+

(Optional Additional Electives)

Dance (2, 3, or 3 adv.)

Chorus

Digital and Visual Arts Preparatory Program

Digital Art and Visual Art

The purpose of this program is to prepare students for successful entrance into related high school VPA programs, such as **Digital Art and Visual Art**. Successful completion of these courses will also increase the chance for acceptance into the program of choice for high school and will include a certificate of completion and a recommendation letter. In addition, teachers will assist students in creating their portfolios for the VPA admissions' requirement. Enrollment and completion of this preparatory program does NOT guarantee admission into comparable high school programs.

Student and Parent Commitment Statement

I understand that High School Prep classes are for motivated students. Success in these courses may require time outside of the classroom for practice, study and completion of assignments. Computer access and materials may be required for some assignments/projects.

Application Requirements:

Students must maintain a 2.5 GPA (includes core classes and Spanish)

*Failure to maintain academic and discipline standards will result in dismissal from program.

Placement: Audition Based and Teacher Recommendation

Satisfactory Attendance Required (students with excessive absences will be declined) Two art pieces (see application)

Visual Arts

To prepare for successful entrance into a Visual Arts program, we recommend the following courses:

Seventh Grade Electives

(Choose one)

Art 2-D 1

Digital Art & Design 1

Eighth Grade Electives

(Choose two)

Art 2-D 2

Cambridge IGSCE Art + Design

Digital Art & Design 1

Digital Art & Design 2

Digital Arts

To prepare for successful entrance into a Digital Arts Program, we recommend the following courses:

Seventh Grade Electives

(Choose one)

Digital Art & Design 1

Fundamentals of A/V & Print Tech (TV)

Eighth Grade Electives

(Choose two)

Art 2-D 2

Cambridge IGSCE Art + Design

Digital Art & Design 1

Digital Art & Design 2 (Prereq Req)

Fundamentals of A/V & Print Tech (TV) Fundamentals of A/V & Print Tech (TV) ADV (Prereq Req)

Cambridge AICE Courses

Cambridge AICE Required Electives:

AICE IGCSE Global Perspectives~

8th Grade- High School Credit

Year Course

This Cambridge Academy required course will feature an emphasis on improving students' analytical skills. Students will develop greater debate, presentation, and research skills, as well as broader international and legal frameworks for understanding domestic and global issues. Students will complete individual and group research projects as well as take a Cambridge-administered exam. This elective course is designed for the AICE, IB, AP, and Law Academy Programs.

Cambridge IGCSE Art and Design 8th Grade- Honors High School Credit

Brian Hubbard Cambridge IGCSE Art and Design will further assist our Cambridge AICE and Visual & Performing Arts (VPA) students, through the development of portfolios as well as to develop greater skills in both two-dimensional and three-dimensional forms and compositions. Students will be exposed to a variety of materials, media, and techniques so that they may develop both breadth and depth. **Cambridge IGCSE**

Drama: 8th grade - Honors High School Credit

Mickey Stone

Furthering our commitment to integrating the fine and performing arts into our overall curriculum, including for our Cambridge AICE Academy, Cambridge IGCSE Drama will introduce our students to additional global perspectives on theater and performing arts. Students will develop a deeper understanding of both the theories and practical applications of drama, including the roles of actors, directors, set designers, and related roles in the theater.

Cambridge IGCSE Physical Education: 7th and 8th Grades - Honors High School Credit

Hollie Nelsen & Greg Mulhollen. This high school course would meet the Cambridge AICE diploma graduation requirements for those students who are on track to attend the AICE programs in high school. The physical education course is both practical and theoretical, covering anatomy and physiology, movement skills, and contemporary studies in sport. Students are encouraged to try out a range of physical activities, including team and individual sports, games, and outdoor activities, and then use the theoretical knowledge they have gained to analyze different factors influencing performance.

Visual Art

Art 2-D 1

7th Grade

Brian Hubbard

Art 2-D is designed to be an introduction to the visual arts. You will be using your experience and knowledge gained during the foundation year in 6th grade to begin developing a portfolio, which will realize itself in 8th grade. This is an intense program that covers all aspects of the visual arts, by tracing its development through the ages and across the globe.

Art 2-D 2

8th Grade

Brian Hubbard

Art 2-D is designed to meet the portfolio requirements for entrance into HS. The course will run a full year. The emphasis will be on creation and technique. Students will explore various mediums while developing deeper understanding of what it means to be a visual artist and learn the power of communication through the visual arts.

Cambridge IGCSE Art and Design:

8th Grade- Honors High School Credit

Brian Hubbard

Cambridge IGCSE Art and Design will further assist our Cambridge AICE and Visual & Performing Arts (VPA) students, through the development of portfolios as well as to develop greater skills in both two-dimensional and three-dimensional forms and compositions. Students will be exposed to a variety of materials, media, and techniques so that they may develop both breadth and depth.

Music

Band 1(Beginning)

Shanna Holland

This is a full year course open to all grade levels. No prior band experience is required as we will learn the fundamentals of reading music and playing an instrument. We also learn concert repertoire and take part in one to two performances each year.

Percussion & Drumline

6, 7, and 8 Grade

Shanna Holland

This course is intended for students wishing to learn the basics of playing and performing with percussion instruments and to provide an opportunity to participate in SSA+S' Drumline. Students will gain an understanding of percussion music, technique, and fundamentals, especially as applied to drumline performance. Music reading, writing, and theory are not emphasized in this class; however, this course may be taken in conjunction with Band I or Wind Ensemble if the student chooses.

Band 3 (Wind Ensemble)

7 and 8 Grade

Shanna Holland

This full year advanced band class is recommended for students looking for a slightly higher musical challenge. It is recommended for grades 7 and 8 but is open to 6th grade students who qualify. To be placed in this course, students must show proficiency on their instrument. We will review music theory as well as learn concert repertoire and take part in three to four performances each year.

Chorus

7th and 8th Grade

Shanna Holland

This is a full year course open to all 7th and 8th grade students. We will learn to read music and sing with proper technique. We also work on several songs and take part in a few performances each year.

Dance

Dance 2 (Mixed)

7th and 8th Grade

Amber Salazar

An intermediate dance class for students with some prior dance experience. This class would be for students who are looking to further excel their skills in the styles of ballet, jazz, lyrical, & hip hop. We will also focus on the elements of choreography. This would be a great course for students wishing to move up to Adv. Dance, those that are involved in musical theatre, or for those who want to audition for high school V.P.A programs.

Dance 3 (Advanced)

7th and 8th Grade

Amber Salazar

This advanced course is by audition only. Students must audition in advance for this course. Students auditioning for this course must have a strong discipline and passion for dance & 3 or more years experience in one or more of the following styles; Ballet, Jazz, Lyrical, or Contemporary. These styles will be the focus of this course. The Adv. Dance class is a preparatory course. This course would benefit any student planning on auditioning for high school V.P.A dance & theatre programs or wishing to continue their dance education. This course is also performance based, so students must participate in any performance opportunities that apply.

Digital Art

Digital Art & Design 1

7th and 8th grade

David Carr

Digital Art & Design is an introductory elective course designed to train students on how to use industry standard digital editing software, computer hardware, and peripherals. Students also have introductory instruction in design, rules of composition, graphic design, vector illustration, and publishing design.

Digital Art & Design 2

8 Grade

David Carr

Digital Art & Design 2 is the second level course that requires successful completion in Digital Art & Design 1 last year. Examination of concepts, characters and storyboards for basic animation production. Emphasis on creating movement and expression utilizing traditional or electronically generated image sequences. An introduction to traditional animation; course includes design, storyboarding, stop-motion and character animation. This course gives students a working knowledge of animation techniques necessary to design animation sequences. Software: Animate CC, Character Animator CC & Illustrator CC

Technology

CTE & Cambridge STEM Required Elective:

Exploring Technology

7 Grade

Jack Footland

Exploring Technology is a class that works to reinforce and complement the materials presented in other courses while introducing technological and problem-solving skills. At the seventh grade level we will be expanding on the computer skills taught in sixth grade while having an emphasis on the research and design aspect of technology. Students will begin to take the design solutions they make on the computer and then actually construct them in the lab for testing and evaluation.

Exploration of Prod. Technology

8 Grade

Jack Footland

This course introduces students to concepts and skills in communications technology, which encompasses television/video, print/graphic communications, website design, photography, animation, and video game design. The SSA+S Technology Enterprise Unit is designed to give students a culminating experience in applying leadership, management, manufacturing, advertising, environmental, computer aided design, business, and webpage design/maintenance skills. The content of this course is oriented around laboratory activities necessary to organize an enterprise that will research, plan, produce, and market a product. This course will involve many hands-on activities in the Tiger Tech Lab.

Fundamentals of A/V& Print Tech (TV)

7th and 8th Grade

David Carr

An elective class that focuses on creating short movies and a morning show to be streamed daily into every classroom. Students in the class will produce thirty second to five-minute videos, taking each project from preproduction, through shooting, to post-production and editing. Students will learn the vocabulary of cinematography, as well as how to work with camera and editing equipment. Though students will have some individual assignments, cooperative groups will be the main work pattern for the class. Being successful in this class requires all students to work in small groups.

Fundamentals of A/V & Print Tech (TV) Advanced

8th Grade

David Carr

For those students who want to continue their studies of PSA's and newscasts. Students in the class will produce thirty second to five-minute videos, taking each project from preproduction, through shooting, to post-production and editing. Students will learn the vocabulary of cinematography, as well as how to work with camera and editing equipment. Though students will have some individual assignments, cooperative groups will be the main work pattern for the class. Being successful in this class requires all students to work in small groups.

Physical Education

Martial Arts & Self Defense

7 and 8th Grade

Detective Chris Catanzaro

This course is ideal for students who are interested in learning and practicing the basic martial arts techniques of Karate, Tae Kwan Do and Chinese Kempo in a non-competitive environment. Students will learn etiquette standards and some of the traditions that are encompassed in a martial art class setting. In addition, students will participate in various activities that promote flexibility, hand-eye-coordination, and discipline. This class also incorporates a variety of basic self-defense techniques, including an emphasis on awareness of one's surroundings. No prior experience is necessary, and all levels are welcome!

Cambridge IGCSE Physical Education:

7 and 8th Grades

High School Credit

Hollie Nelsen and Greg Mulhollen

This high school course would meet the Cambridge AICE diploma graduation requirements for those students who are on track to attend the AICE programs in high school. The physical education course is both practical and theoretical, covering anatomy and physiology, movement skills, and contemporary studies in sport. Students are encouraged to try out a range of physical activities, including team and individual sports, games, and outdoor activities, and then use the theoretical knowledge they have gained to analyze different factors influencing performance.

Team Sports

7 and 8th Grade

Greg Mulhollen & Hollie Nelsen

Students will engage in daily exercise through sports and fitness to enhance a better lifestyle. Students will compete in sports both individually and in a team setting.

Theatre

Acting 2

7th Grade

Students with previous acting experience continue to build skills and knowledge in acting through analysis, discussion, and classroom performance. 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 of the school day to support, extend, and assess learning in the classroom.

Theatre 2 (Musical- 6th Grade) & 3 (Musical-7th Grade) Mickey Stone

This is a class for students who enjoy singing, dancing, and acting. This class will require out of school performances throughout the school year. This class will also compete in the Junior International Thespian Society Festivals. In addition to in class rehearsals of musical numbers, this class also includes activities on beginning in theatre, developing your personal resources, creative drama, voice development, improvisation, and characterization.

Performing Arts Required Elective for VPA Audition: Cambridge IGCSE Drama/ Theatre 4 (Musical) 8th Grade:

Honors High School Credit

Mickey Stone

Furthering our commitment to integrating the fine and performing arts into our overall curriculum, including for our Cambridge AICE Academy, Cambridge IGCSE Drama will introduce our students to additional global perspectives on theater and performing arts. Students will develop a deeper understanding of both the theories and practical applications of drama, including the roles of actors, directors, set designers, and related roles in the theater. This class will require out of school performances throughout the school year. This class will also compete in the Junior International Thespian Society Festivals. This full-year course will also focus on aspects of technical theatre, including activities on the

structure of a play, the production process, lighting, sound make-up, costumes, sets, props, theatre appreciation, playwriting, and future theatrical

opportunities. It is a two-hour block course, to ensure time to integrate the high school material, theory, and rehearsal time.

Academic Electives

Speech I & Speech II~

8 Grade - High School Credit Two Semester Courses
equaling one full HS Credit

Meets the HS Graduation Requirement for Performing
Arts

Mickey Stone

A high school credit class, in which students learn to communicate effectively in front of a group. First semester, the students will learn the types of speeches such as informative and persuasive. Second semester, topics range into more controversial, current event issues for students to debate. All year, students will write articles for the school newspaper and will appear as anchors on the SSAS Morning News program. Also, it should be noted that two students from Speech class will be selected to be speakers at graduation.

Required AICE Academy Elective

AICE IGSC Global Perspectives~

8 Grade- Honors High School Credit

Year Course

Brian D. Sutliff

This Cambridge Academy required course will feature an emphasis on improving students' analytical skills. Students will develop greater debate, presentation, and research skills, as well as broader international and legal frameworks for understanding domestic and global issues. Students will complete individual and group research projects as well as take a Cambridge-administered exam. This elective course is designed for the AICE, IB, AP.

CTE & Cambridge STEM Required Elective:

STEM Coding (Computer Sci Discoveries)

8th Grade

Dr. Janjay Gehndyu

The purpose of STEM is to foster a learning environment in which students are guided to produce original ideas, objects, and structures according to certain specifications using concepts and skills from math, science, engineering, and technology. Computer Science Discoveries (CS Discoveries) is an introductory computer science course that empowers students to create authentic artifacts and engage with computer science as a medium for creativity, communication, problem solving, and fun. The first semester of CS Discoveries introduces students to computer science as a vehicle for problem solving, communication, and personal expression. As a whole, this semester focuses on the visible aspects of computing and computer science, and encourages students to see where computer science exists around them and how they can engage with it as a tool for exploration and expression. The second semester asks students to look outward and explore the impact of computer science on society. Students will see how a thorough user-centered design process produces a better application, how data is used to address problems that affect large numbers of people, and how physical computing with circuit boards allows computers to collect input and return output in a variety of ways.