

EAST TROY

COMMUNITY SCHOOL DISTRICT

Committed to the Growth & Success of Each Student, Each Year

MIDDLE SCHOOL PLANNING GUIDE 2023-2024



www.easttroy.k12.wi.us

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Dear Students and Families

Thank you for taking the time to review the East Troy Middle School Planning Guide. Inside, you will find information related to the courses offered, programming, and requirements for each grade level. Our goal at East Troy Middle School is to provide a personalized learning environment where students are empowered through voice and choice in their classes. We offer a variety of elective courses at East Troy Middle School and allow our students to travel to the High School to take advantage of even more opportunities. We encourage students to take a variety of courses throughout their time at ETMS as they explore different interests. If you have questions regarding any of the courses we offer, please do not hesitate to reach out!

Promoting a Culture of Learning,

Adam Trindl (Principal) & Cassie Rice (Dean of Students/Counselor)

Contact Information

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East Troy Community School District: Mission, Vision, and Goals

Our Mission

To ensure and provide 21st century learning through: engaged student learning, quality teaching, strong leadership, rigorous coursework, and community service opportunities while demonstrating efficiency and effectiveness for the betterment of both students and the community.

Our Vision

- Time for learning-remove barriers
- Competency based education-look at outcomes, not being defined by grade or age
- School partnerships with community members/parents/agencies/higher education
- Provide meaningful, practical application skills through assignments/projects
- High quality instruction-more engagement/interest, meeting the needs of all learners
- High levels of accountability for students and staff
- Creating opportunities through individualized experiences to encourage self-directed learning

Our Goals

- Ensuring a year to a year plus of learning growth for each child, each year.
- Ensuring programming opportunities through systems and practices that develop the talents of each child in an era of globalization.
- Ensuring individualized learning by empowering students with a personalized learning environment.
- Employing the highest quality professional staff.
- Adapting facilities for current and future educational needs.
- Demonstrating fiscal responsibility through efficiency and effectiveness.



Personalized Learning Environment

We are committed to the personalized learning of every learner that attends our schools, placing the individual learner at the center of the learning process. It is our focus to provide opportunities and flexible assessments which promote the 6cs (collaboration, communication, critical thinking, creativity, curiosity, and competency of content) and empower our students to take ownership of their learning. To understand more about personalized learning explore the personalized learning section on [our website](#) and our district's [personalized learning environment policy](#).

East Troy Middle School Mission

The goal of East Troy Middle School is to empower students to meet the challenges of a changing world.



How to Use this Guide

This guide provides information about the variety of learning opportunities for students at East Troy Middle School. Students will be enrolled in core courses that continue to build on foundational skills from elementary levels that will ensure success in high school and beyond. In addition, students choose from a wide array of elective options from various fields of interest. Elective options are offered for varying lengths of time to provide a personalized learning experience for students based on their interests, career aspirations, and goals. Many courses are offered based on student selections, making it important to explore and reflect on options. All courses incorporate the development of the 6cs: collaboration, communication, critical thinking, competency of content, creativity, and curiosity.

A course template is included at the end of this guide as a tool to assist in visualizing course selection options throughout your academic career at ETMS and beyond. Be sure to check in with your counselor as course offerings and schedules may change. Use the course descriptions and information in this guide to explore and discuss goals and aspirations for your learning experience here at ETMS.

For information regarding programs and courses offered at East Troy High School, check out the East Troy High School Planning Guide on our [district website](#).



Scheduling

Timeline and Course Selection

Pupil Services staff and teachers begin the scheduling process with learners toward the end of the school year. Learners are expected to engage in core academic courses (English Language Arts, Math, Science, Social Studies), continuing to build their foundational knowledge and skills. Through the selection of elective courses learners will explore interests, deepen and apply learning, and grow in the 6cs (communication, collaboration, critical thinking, competency of content, creativity, and curiosity).

Course Changes

During scheduling learners are asked to rank elective choices. Every effort is made to accommodate these choices. However, sometimes conflicts do occur which may require learners to be scheduled in alternate courses. Classes are determined based on learner interest and the number of students selecting a course. Due to this it is difficult to change courses. Learners are encouraged to explore this guide, talk to their counselor, and talk with their families to ensure courses are carefully selected. *Talk to your counselor within the first 2 weeks if requesting a course change.*

East Troy Middle School Required Courses
6th Grade
English Language Arts 6 Math Core Connections 1 Science 6 Social Studies 6 Physical Education Health (1 trimester) Art (1 trimester) Music (1 trimester)-General Music, Band, or Choir
7th Grade
English Language Arts 7 Math Core Connections 2 Science 7 Social Studies 7 Physical Education
8th Grade
English Language Arts 8 Math Core Connections 3 Science 8 Social Studies 8 Physical Education



Course Information

Course Overviews (Curriculum)

The East Troy Community School District aligns curriculum to the Wisconsin Academic Standards in all subjects. The standards provide transparent and comprehensive guidelines for successful learning beyond the classroom. The standards are designed to be rigorous and relevant to the real world, reflecting the knowledge and skills our learners need for success in college and careers. We use these standards as the foundation for teaching and learning which allows teachers to identify and communicate essential understandings and learning targets.

The course overviews detail explicit goals for daily instruction and highlight essential skills, concepts, and knowledge to provide a clear focus for student learning and assessments. They also provide a consistent, clear understanding to parents, so they can support their child’s learning at home.

Where can I find the course overviews?
Course overviews for elementary, middle, and high school are available on the district website under [“Teaching, Learning & Assessments”](#).

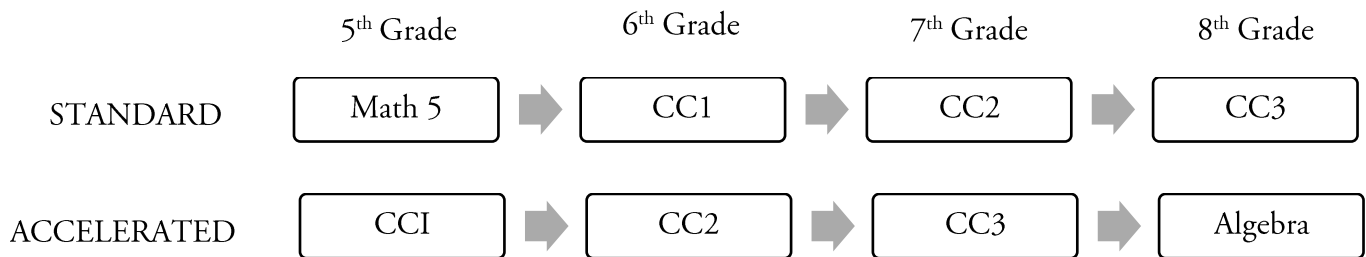
Grading and Reporting

The purpose of grading is to communicate proficiency and provide a clear and accurate indicator of what a student knows and can do in relation to the Wisconsin Academic Standards. Reporting practices are intended to:

1. document the progress of students and our teaching.
2. provide feedback to students and parents.
3. make instructional decisions regarding student learning.

ETMS utilizes a standards-based reporting system that is more accurate and grows student confidence in their learning. Using academic standards as the foundation, we can more accurately monitor, measure, and communicate a student’s learning growth and academic achievement while ensuring the conditions for teachers to provide clear and meaningful feedback for each student based on their specific needs and goals. Feedback and reporting on character traits are incorporated to support students in developing and sustaining behavioral skills, attitudes, and habits for lifelong success now and in their post-secondary endeavors.

Math Course Progressions



Criteria for Advancement in Mathematics

Must meet 3 out of 4 of the following criteria:

1. 85th percentile or higher on Spring MAP assessment
2. Mastery of all grade level learning targets/standards
3. Score of 90% or higher on CPM Pre-Assessment
4. Teacher recommendation including evidence from daily in-class work that demonstrates a high level of problem solving.



Academic and Career Planning Process



What is ACP?

Academic and Career Planning, or ACP, is a student-driven, adult-supported process in which students create and cultivate their own unique and information-based visions for post-secondary success, obtained through self-exploration, career exploration, and the development of career management and planning skills.

Check out [Wisconsin DPI's website](#) for answers to ACP frequently asked questions.

All East Troy Middle School students will participate in activities that will help them through the ACP process. Students will utilize the tools and resources in [Xello](#), a career-researching website.

What is the ACP Process?

Throughout the ACP process students will begin to reflect on the following:

1. Who am I? (**KNOW**)
 - a. Self-Awareness Activities
 - b. Individual Goal Setting and Reflection
2. What do I want to do? (**EXPLORE**)
 - a. Career Awareness Assessment
 - b. Career Research
3. How do I get there? (**PLAN**)
 - a. Connecting middle and high school instructional activities with opportunities to explore or learn more about a field of interest
 - b. Discussion on work-based learning opportunities, extra-curricular and community-based learning experiences
 - c. Postsecondary options
 - d. Financial plan to cover cost of postsecondary training
4. Let's go! (**GO**)
 - a. Update regularly
 - b. Adapt/Modify Intentional Sequence of Courses
 - c. Adapt/Modify Personal Goals
 - d. Adapt/Modify Postsecondary/Career Goals
 - e. ACP Conferencing with families in 8th grade

ACP is an ongoing process in which students will practice goal setting and planning in each grade and continuously develop and revise their personal ACP plan. Each student's plan will gradually build from one year to the next as the student begins to get to know themselves better, explore their options, and uniquely develop. We anticipate and encourage plans to change annually based on their personal experiences.

ACP Lessons and Experiences

<u>Grade Level</u>	<u>Course</u>	<u>Activity</u>	<u>Tool</u>	<u>ACP Stage</u>
6th grade	ACP Lesson	Explore Career Clusters and Careers	Xello	Explore
6th grade	Post-Secondary Lesson	MythBusters on Post-Secondary Education	Xello and other Post-Secondary Resources	Explore
6th grade	Character Strong	Goal Setting, Healthy Relationships, Managing Emotions, Advocating for Self and others, and more!	Character Strong Curriculum	Know
7th grade	ACP Lesson	Learning Styles and Career Matchmaker	Xello	Know
7th grade	World Language	Presentations on careers and how a second language benefits careers	Xello and other Career Resources	Explore
7th grade	Social Studies	Planning a Future	Xello and other Career Resources	Explore
7th grade	Character Strong	Goal Setting, Healthy Relationships, Managing Emotions, Advocating for Self and others, and more!	Character Strong Curriculum	Know
8th grade	ACP Lesson	Lessons on finances and lifestyles	Xello	Explore and Plan
8th grade	Character Strong	Goal Setting, Healthy Relationships, Managing Emotions, Advocating for Self and others, and more!	Character Strong Curriculum	Know
8th grade	Career Presentation Work Time	Preparation for Student Planning Conference	Xello and other Career Resources	Explore and Plan
8th grade	Student Planning Conference	Conference with student, parent/guardian, and dean of students & Mock interview, goal setting, review of test scores, course plan review, and career presentation	Xello, Prepared, Career Presentation, Standardized Test Scores	Explore, Plan, and Go

8th Grade Transition to High School

The transition from 8th grade to high school is an important one, and we take many steps to prepare for it. The transition process includes but is not limited to a tour of the high school with elective teachers presenting information on courses offered, parent night outlining opportunities at the high school, high school counselor presentations, continued ACP lessons, high school course selection, and 8th grade planning conferences.

8th Grade Planning Conferences

Planning conferences are a key ingredient to the transition from middle school to high school. The conferences are scheduled in spring and include both students and parents. Topics discussed are student's academic and extracurricular goals, course selection based on their goals, previous and future standardized tests, an opportunity for a mock interview, and lastly a presentation from the student on a career of their choice.

For information regarding programs and courses offered at East Troy High School, check out the East Troy High School Planning Guide on our [district website](#).



Special Education & Supports

General Information

- Special education needs are met by the East Troy Community School District according to the procedures established through Chapter 115 of the State Statutes and the Individuals with Disabilities Education Act (IDEA) of the Federal Statutes.
- If a student is determined to be a child with a disability and needs specialized instruction, an Individualized Education Program (IEP) is developed to identify the goals, objectives, and related services the learner requires to be able to access a Free Appropriate Public Education (FAPE) in the Least Restrictive Environment (LRE).

Services and Supports

A wide range of services and supports are provided to learners who have been identified with special education disabilities to meet their unique needs and ensure that each child is College and Career Ready when they graduate from High School. To meet learner needs within the least restrictive environment and ensure that all learners receive the most appropriate education possible, all learners with identified disabilities will be instructed in regular education classes. Exceptions to this may be made when individual needs require special education course development. In those situations, the learner's IEP team will outline the need for specially designed instruction which is aligned with common core standards and the school curriculum. Each learner's IEP team makes placement decisions in courses and instruction based on factors such as subject matter and disability related needs.

In addition to special education courses, some learners may receive intervention courses which provide reading, writing and mathematics skill development. Learners are placed in these courses based on academic performance levels.

Contact Information

If you have concerns regarding your child's social, emotional, behavioral, or academic progress and believe that they may have a special education disability, please contact the school psychologist or school principal.

Should you have additional questions regarding special education courses or programming options within the District, please contact Amanda Jones, Director of Special Education & Pupil Services.



Home-Based Private Education Program (FAQs)

What is a home-based private educational program?

Under Wisconsin Statute, “A home-based private educational program means a program of educational instruction provided to a child by the child’s parent or guardian or by a person designated by the parent or guardian. An instructional program provided to more than one family unit does not constitute a home-based private educational program.” To comply with the compulsory school attendance law, a parent or guardian has the right to select a home-based private educational program, commonly referred to as homeschooling.

What are the requirements for a homeschooling program?

Wisconsin Statute 118.165(1) specifies that a home-based private educational program must provide at least 875 hours of instruction each school year. Additionally, the program must provide a sequentially progressive curriculum of fundamental instruction in reading, language arts, mathematics, social studies, science, and health.

Does the school district provide curriculum and textbooks to students who are enrolled in a home-based private educational program?

Families who choose to enroll their child in a home-based private educational program assume all responsibilities including providing instruction in the required subject areas and obtaining the curriculum and educational resources.

Can a student who is enrolled in a home-based private educational program take courses at a public school?

The part-time attendance law allows homeschooled students to attend a public school on a part-time basis. Space permitting, a school district is required to allow pupils who are enrolled in a homeschool program to take up to two courses per semester. Students must satisfy the minimum standards for admission to a course offered by the school district.

Can a homeschool student attend summer school at a public school?

A homeschool student may attend summer school in the student’s resident school district. If they wish to attend in a non-resident district, the district must charge tuition.

Can a student who is enrolled in a home-based private educational program participate in extracurricular activities and clubs offered by a public school?

Homeschool students may participate in interscholastic athletics or extracurricular activities in their resident school district on the same basis and to the same extent as pupils enrolled in the district. A school board may charge fees for a homeschool pupil who participates in extracurricular activities on the same basis and to the same extent that it charges these fees to a pupil who is enrolled in the school district.

Can a homeschool student participate in the eighth-grade promotion ceremony?

Participation in the promotion ceremony signifies the successful completion of the district’s entire middle school curriculum. As a result, homeschool students do not take part in the promotion ceremony.

How do homeschool students receive a high school diploma?

In Wisconsin, high school diplomas are issued by public and private schools. A home-based private educational program does not lead to a traditional Wisconsin high school diploma. Therefore, homeschool students do not take part in the high school graduation ceremony.

A student who is enrolled in a home-based private educational program may wish to pursue the requirements for a General Educational Development (GED) certificate and/or High School Equivalency Diploma (HSED). Additional information about obtaining a GED or HSED is available on the DPI website at <https://dpi.wi.gov/ged>.

More information regarding Home-Based Private Education Programs is available on the DPI website at <http://dpi.wi.gov/sms/home-based>



Course Listing

Core Courses			
	Course Name (*=required)	Grade Level(s)	Prerequisites
English Language Arts	ELA 6*	6	
	ELA 7*	7	
	ELA 8*	8	
Math	Math Core Connections 1*	6	
	Math Core Connections 2*	7	
	Math Core Connections 3*	8	
Science	Science 6*	6	
	Science 7*	7	
	Science 8*	8	
Social Studies	Social Studies 6*	6	
	Social Studies 7*	7	
	Social Studies 8*	8	
Elective Courses			
Agriculture	Exploring Agriculture	6, 7, 8	
Art	Art 6* (at least 1 trimester required)	6	
	Art 7/8	7, 8	
Business	Word Apps	6	
	Excel Apps	8	
	Desktop Design	7	
Computer Science	Programming Fundamentals	8	
	Programming Physical Devices	8	Programming Fundamentals
	Programming Games	8	Programming Physical Devices
Music	Band 6	6	5 th Grade Band or Teacher Consent
	Band 7	7	6 th Grade Band or Teacher Consent
	Band 8	8	7 th Grade Band or Teacher Consent
	Choir 6	6	
	Choir 7	7	
	Choir 8	8	
	General Music* (Required if not in band or choir)	6	
Modern Band	7, 8		
Physical Education & Health	Health*	6	
	Physical Education 6*	6	
	Physical Education 7*	7	
	Physical Education 8*	8	
Robotics	Robotics: Programming Basics	6, 7, 8	
	Robotics II	6, 7, 8	Robotics: Programming Basics
STEAM & Technology Education	Introduction to STEAM	6, 7, 8	
	STEAM II	6, 7, 8	Introduction to STEAM
	Technology Education	7, 8	
World Languages	Exploring Spanish	7, 8	
	Spanish 1A	7	Exploring Spanish or Teacher Consent
	Spanish 1B	8	Spanish 1A

Courses are subject to change, be sure to check with your counselor for the most up-to-date information.



6th Grade Course Descriptions

Required Courses: ELA 6, Math Core Connections 1 (or approved advanced math course), Science 6, Social Studies 6, Physical Education 6, Health, Art 6 (at least 1 trimester), Music (at least 1 trimester of General Music, Band, or Choir)

CORE COURSES

6th Grade Core Courses are required foundational courses that provide learners with the opportunity to build on essential developmental skills.

ENGLISH LANGUAGE ARTS (ELA) 6

Grade Level: 6

Length: 3 trimesters, daily block

**Required course*

In this course, students work on exploring the many facets of English Language Arts focusing on the following main areas: literature, informational text, language vocabulary, writing, and speaking and listening to develop comprehension, fluency, and communication through the Reader's and Writer's Workshop, Patterns of Power, Words Their Way, and other approaches.

MATH CORE CONNECTIONS 1

Grade Level: 6

Length: 3 trimesters, daily block

**Required course*

In this course, students will use problem-solving strategies, questioning, investigating, analyzing critically, gathering and constructing evidence, and communicating rigorous arguments justifying thinking. Under teacher guidance students learn in collaboration with others while sharing information, expertise, and ideas. The course helps students to develop multiple strategies to solve problems and to recognize the connections between concepts. The course focuses on four critical areas (1) ratios and rates; (2) division of fractions and rational numbers; (3) writing, interpreting, and using expressions and equations; and (4) developing understanding of statistical thinking.

SCIENCE 6

Grade Level: 6

Length: 3 trimesters, every other day block

**Required course*

Science 6 explores the wonders of Earth and space science. Earth and space scientists are curious. Since ancient times, they have been asking and answering questions about the universe and the world around them. Students will ponder the origins of the universe and the Earth's place in it. Students will explore other celestial bodies and space phenomena. Moving closer to home, students will examine geological time and the processes that have shaped the Earth and its inhabitants. From there, we'll examine the effects of weather and climate and delve into Earth's natural resources. Finally, we'll investigate how human interactions shape Earth's ecosystems.

SOCIAL STUDIES 6

Grade Level: 6

Length: 3 trimesters, every other day block

**Required course*

Have you ever wondered what a historian does? In Social Studies 6, you will take on the role of a historian while you learn about American history from the Civil War through the present day. Learners will engage in inquiry methods to be able to think about and explain relationships between people and events from the past and today. Student choice determines what topics students will dive into more deeply and flexible pacing allows students to move through the content and standards at their own pace. Like most historians, students will showcase their learning at various points throughout the year.

ELECTIVES COURSE OPTIONS

Electives provide learners the option to explore a range of areas and interests while applying learning from core courses and experiences. The number of elective courses taken will vary based on course choices as these courses vary in length and offering.

ART 6

Grade Level: 6

Length: 1-3 trimesters, every other day mini

**At least 1 trimester is required.*

Art offers students a chance to explore a variety of art materials by building skills in drawing, painting, and sculpture. Students will explore charcoal, pastels, ink, watercolor, acrylic, printmaking, collage, and 3D art. As students develop new skills they begin to work as artists in an art studio. Students are encouraged to develop their own art making style. Being a creative thinker is a way to develop new solutions and helps you see things differently and better deal with uncertainty. Students will develop confidence as they take risks and learn that they are the artist and their art matters!

BAND 6

Grade Level: 6

Length: 3 trimesters, every other day mini

Prerequisites: 5th Grade Band or Director Consent

**1 trimester of Music required (General Music, Band, or Choir)*

Band is designed for students who have one year of band experience. Students are given small group lessons with the emphasis on continuing learning of notes, rhythms, and techniques to improve individual instrumental skills. In addition, students rehearse in the full ensemble every other day to prepare music for concerts. Students have typically performed in concerts in November, March, and May. Band encourages the development of discipline, teamwork, and self-esteem. Come be a part of our amazing band tradition at East Troy Middle School!

CHOIR 6

Grade Level: 6

Length: 3 trimesters, every other day mini

**1 trimester of Music required (General Music, Band, or Choir)*

Do you want a place where you can be you without judgement? Do you want lots of friends that last a lifetime? Are you interested in a class that will guarantee fun and put you in a good mood no matter what your day is like? Well, choir is just the place for you! You don't need to be an American Idol singer to join. We will help you grow! Choir 6 is a non-auditioned course designed to introduce students to the choral art. Students develop the skills of unison and part singing while working as a group to create a performance. Choir members grow as musicians through the study and performance of music from different style periods and cultures. The curriculum includes elements of music theory, and an understanding of music notation, with the goal of developing music literacy. Students typically perform concerts in November, December, and May. Come be a part of the amazing choir program at East Troy!

EXPLORING AGRICULTURE

Grade Level: 6, 7, 8

Length: 1-3 trimesters, every other day mini

Adventure awaits you in the world of agriculture! In this course, you'll explore everything from forestry to animals; food science to bee production; wildlife to horticulture and much more! This course uses a hand-on learning approach that utilizes both the outdoor learning classroom and the greenhouse. It is offered in three sections. All sections will include an FFA and leadership component; as well as an opportunity for interested students to become FFA members. Enroll in one, two, or all three sections; and let your journey through agriculture begin!

Trimester 2- Winter Section (6th Grade)

Chickens, dogs, cows... oh my! Do you like animals? If you answered yes, then this section is for you! Come and dive into the world of animals and examine everything from veterinary science to the animals in our homes or on a farm. Students may also create wreaths, incubate chickens, and hatch chickens.

GENERAL MUSIC

Grade Level: 6

Length: 1 trimester, every other day mini

**1 trimester of Music required (General Music, Band, or Choir)*

General Music builds on the skills learned in elementary music with a focus on performing. Students study music literacy as needed to play classroom instruments such as the recorder, piano keyboard, and percussion.

HEALTH

Grade Level: 6

Length: 1 trimester, every other day mini

**Required course*

Health covers introductory foods, family and personal relationships, elements of design, as well as a variety of health topics, including health promotion and disease prevention, goal setting and decision making, human growth and development, and drug and alcohol education.

INTRODUCTION TO STEAM

Grade Level: 6, 7, 8

Length: 1 trimester, every other day mini

**This course is a prerequisite for STEAM II*

Did you enjoy exploring, learning, and having fun in the SmartLab at Prairie View? Do you want to get your hands on some cool new technology? If so Introduction to STEAM is for you. This introductory course explores STEM and digital arts through technology and problem-based learning. Students will refine skills like critical thinking, collaboration, communication, teamwork, and creativity. Students begin the trimester by exploring the SmartLab in whole group activities and design challenges. Learners in this class will be introduced to the SmartLab, the different engagements, and how the ePortfolio is completed at the Middle School. Come explore and have fun with the Engineering Design Process.

PHYSICAL EDUCATION 6

Grade Level: 6

Length: 3 trimesters, every other day mini

**Required course*

Do you know what your target heart rate zone is? Do you know how hard you need to work to get into your target heart rate zone? This class will incorporate the use of Polar heart rate monitors to assess the level of exertion during a variety of activities. Students will gain the skills needed to lead a healthy active lifestyle by participating in various fitness, lifelong and cooperative activities. Students will learn about the 5 health-related fitness components and the use of goal setting to reflect on one's own personal fitness levels.

ROBOTICS: PROGRAMMING BASICS

Grade Level: 6, 7, 8

Length: 1-2 trimester, every other day mini

**This course is a prerequisite for Robotics II*

This course is designed to introduce students to the basics of LEGO EV3 programming. Students will learn how to program their robot to navigate in its environment to complete multiple challenges from basics such as going forward, turning, and arm movement to using sensors (color, touch, and ultrasonic). Students will use their imagination and the application of science, technology, engineering, and math concepts (STEM) to solve problems.

ROBOTICS II

Grade Level: 6, 7, 8

Length: 1-3 trimesters, every other day mini

Prerequisites: Robotics: Programming Basics (2 trimesters)

**This course has a fee.*

This course is designed to build upon and explore more advanced LEGO EV3 programming. Students will learn how to program their robot to navigate in its environment to complete multiple challenges using sensors and various robot configurations. Students will apply science, technology, engineering, and math concepts (STEM), along with their imagination, to complete their choice of the available FLL boards. Students will also manufacture a research project that allows them to identify problems associated with their theme, and then create an innovative solution for a problem. Some of the themes students may explore are: Senior Solution, World Class, Nature's Fury, City Shaper, Into Orbit, Trash Trek, and Hydro Dynamics. This course is repeatable with a focus on a new theme each additional trimester.

STEAM II

Grade Level: 6, 7, 8

Length: 1-3 trimesters, every other day mini

Prerequisites: Introduction to STEAM

**This course has a fee.*

Do you like to explore, discover, and figure out why things happen? Are you interested in space, car mechanics, or film? Do you enjoy taking photographs and altering them? Are you interested in renewable energy sources or creating music on the computer? Do you want to design and build your future home? If so, then the SmartLab is the place for you. In this course, students will explore STEM concepts and digital arts through technology and problem-based learning. Students will refine skills like critical thinking, collaboration, communication, teamwork, and creativity. Learners will personalize their own education throughout a year of discovery and take ownership of their learning by developing their projects and activities within the parameters of each given unit. In this course, learners discover failing is not a bad thing, just an obstacle to overcome, and the importance of thinking critically to overcome obstacles.

WORD APPLICATIONS

Grade Level: 6

Length: 1 trimester, every other day mini

Through project-based instruction, students will build on their knowledge of Google Docs by utilizing the advanced features of Microsoft Office to create documents that are suitable in a professional setting. Along the way, students will continue to build on computer essential skills of file management, keyboarding, and digital citizenship.



7th Grade Course Descriptions

Required Courses: ELA 7, Math Core Connections 2 (or approved advanced math course), Science 7, Social Studies 7, Physical Education 7

CORE COURSES

7th Grade Core Courses are required foundational courses that provide learners with the opportunity to build on essential developmental skills.

ENGLISH LANGUAGE ARTS (ELA) 7

Grade Level: 7

Length: 3 trimesters, daily block

**Required course*

This course encourages students to refine their understanding of the English language. ELA 7 focuses on the following main areas: literature, informational text, language vocabulary, writing, and speaking and listening to develop comprehension, fluency, and communication. During this year, students will engage in a variety of learning activities to promote proficiency through the workshop model for reading and writing. Students will apply a variety of strategies to expand their vocabulary including, but not limited to: Words Their Way, Greek & Latin root study, and Patterns of Power.

MATH CORE CONNECTIONS 2

Grade Level: 7

Length: 3 trimesters, daily block

**Required course*

In this course, students will use problem-solving strategies, questioning, investigating, analyzing critically, gathering and constructing evidence, and communicating rigorous arguments justifying their thinking. Under teacher guidance, students learn in collaboration with others while sharing information, expertise, and ideas. The course helps students to develop multiple strategies to solve problems and to recognize the connections between concepts. You will focus on four critical areas: (1) developing understanding of and applying proportional relationships; (2) developing understanding of operations with rational numbers and working with expressions and linear equations; (3) solving problems involving scale drawings and informal geometric constructions, and working with two- and three-dimensional shapes to solve problems involving area, surface area, and volume; and (4) drawing inferences about populations based on samples.

SCIENCE 7

Grade Level: 7

Length: 3 trimesters, every other day block

**Required course*

In Science 7, students will study aspects of life science from cells to ecosystems by conducting investigations, performing experiments, and solving problems. Students will use microscopes and other lab equipment to learn about cells. Students will have opportunities to dissect organisms to further their knowledge of anatomy and adaptations. Students will research environmental problems and propose solutions. Students will also explore genetics and heredity as well as evolution.

SOCIAL STUDIES 7

Grade Level: 7

Length: 3 trimesters, every other day block

**Required course*

Social Studies 7 focuses on the United States Constitution and the branches of our National Government. Learners will compare and contrast various forms of government, explore the beginnings of our country's independence, interpret the meanings and uses of the preamble, and develop understandings of how the Legislative, Executive, and Judicial branches are set up and function. Learners will also evaluate the historical aspects and current uses of the amendments to the Constitution. In addition, this course focuses on the economics and financial literacy in our daily lives. Through research and creation of living budgets on given salaries and participating in simulations of credit use and life on minimum wage, learners will experience "real life" economics. In addition, learners will compare and contrast saving and investment opportunities, explore the risks and rewards of entrepreneurship, and compare market types and marketing strategies.

ELECTIVES COURSE OPTIONS

Electives provide learners the option to explore a range of areas and interests while applying learning from core courses and experiences. The number of elective courses taken will vary based on course choices as these courses vary in length and offering.

ART 7/8

Grade Level: 7, 8

Length: 1-3 trimesters, every other day mini

**This course has a fee*

Do you like to explore, experiment, and create art? Do you want to know what artists do? Students in art will develop creative strategies, skills and habits of mind through artistic practice while exploring an expanded range of media including charcoal, pencil, ink, watercolor, acrylic, printmaking, collage, sculpture, ceramics, and wheel throwing on the pottery wheel. The art room is an art studio where students assume the role of artists, explore their own ideas, interests, and passions. Students are encouraged to envision their own ideas, get materials freely, engage and persist through their artwork, express

themselves and reflect upon completion. The art room is a place to explore new ideas, experiment and learn through practice. The class is based upon [Teaching for Artistic Behavior](#), a nationally recognized choice-based art education approach.

BAND 7

Grade Level: 7

Length: 3 trimesters, every other day mini

Prerequisites: 6th Grade Band or Director Consent

Band 7 is designed for students who have two years of band experience. Students are given small group lessons with the emphasis on continuing learning of notes, rhythms, and techniques to improve individual instrumental skills. In addition, students rehearse in the full ensemble every other day to prepare music for concerts. Students have typically

performed in concerts in December, March, and May. In addition, students will be given the opportunity to participate in the District Solo Ensemble Festival in February. They may also sign up to be in small ensembles such as flute choir, clarinet choir, brass choir, or audition for jazz band which is made up of both 7th & 8th grade students. Students will also march with the eighth grade in the Homecoming and Memorial Day Parades. Band encourages the development of discipline, teamwork, and self-esteem. Come be a part of our amazing band tradition at East Troy Middle School!

CHOIR 7

Grade Level: 7

Length: 3 trimesters, every other day mini

Do you want a place where you can be you without judgement? Do you want lots of friends that last a lifetime? Are you interested in a class that will guarantee fun and put you in a good mood no matter what your day is like? Well, choir is just the place for you! You don't need to be an American Idol singer to join. We will help you grow! Choir 7 is a non-auditioned course designed to introduce students to or continue the study of the choral art. Students develop the skills of 2-4 part singing while working as a group to create a performance. Choir members grow as musicians through the study and performance of music from different style periods and cultures. This course includes elements of music theory, and an understanding of music notation, with the goal of developing music literacy. Students typically perform concerts in December and May. Come be a part of the amazing choir program at East Troy!

DESKTOP DESIGN

Grade Level: 7

Length: 1 trimester, every other day mini

Through project-based instruction, students will use their creativity skills to design effective presentations and graphics. Using Microsoft PowerPoint and Publisher students will enhance their design and communication skills. Along the way, students will build on their computer basics of file management, keyboarding, and digital citizenship.

EXPLORING AGRICULTURE

Grade Level: 6, 7, 8

Length: 1-3 trimesters, every other day mini

Adventure awaits you in the world of agriculture! In this course, you'll explore everything from forestry to animals; food science to bee production; wildlife to horticulture and much more! This course uses a hand-on learning approach that utilizes both the outdoor learning classroom and the greenhouse. It is offered in three sections. All sections will include an FFA and leadership component; as well as an opportunity for interested students to become FFA members. Enroll in one, two, or all three sections; and let your journey through agriculture begin!

Trimester 1- Fall Section (7th Grade)

What's the BUZZ of this section? Students enrolled in this section will have the opportunity to work with our outdoor learning classroom and the bees! Topics covered in include bee and food production, forestry, and botany, as well as FFA and the opportunities within the organization.

EXPLORING SPANISH

Grade Level: 7, 8

Length: 1-3 trimesters, every other day mini

Students explore the basics of the Spanish language and culture. Students focus on speaking and understanding spoken language as well as reading and writing. Students also complete a project exploring how world language is advantageous in careers.

INTRODUCTION TO STEAM

Grade Level: 6, 7, 8

Length: 1 trimester, every other day mini

**This course is a prerequisite for STEAM II*

Did you enjoy exploring, learning, and having fun in the SmartLab at Prairie View? Do you want to get your hands on some cool new technology? If so Introduction to STEAM is for you. This introductory course explores STEM and digital arts through technology and problem-based learning. Students will refine skills like critical thinking, collaboration, communication, teamwork, and creativity. Students begin the trimester by exploring the SmartLab in whole group activities and design challenges. Learners in this class will be introduced to the SmartLab, the different engagements, and how the ePortfolio is completed at the Middle School. Come explore and have fun with the Engineering Design Process.

MODERN BAND

Grade Level: 7, 8

Length: 1 trimester, every other day mini

How did Nirvana come up with "Something in the Way"? How do Foo Fighters write their music? How did the Beatles manage to reach almost half the households in the United States during their live performance on the Ed Sullivan show? Come learn the fundamentals of guitar, drum set, and lyric writing in Modern Band! Join a band, learn how to jam, and learn how to express yourself through making music.

PHYSICAL EDUCATION 7

Grade Level: 7

Length: 3 trimesters, every other day mini

**Required course*

Do you know your resting heart rate? Do you know what your target heart rate zone is? Do you know how hard you need to work to get into your target heart rate zone? This class will incorporate the use of Polar heart rate monitors to assess the level of exertion during a variety of activities. Students will gain the skills needed to lead a healthy active lifestyle by participating in various fitness, lifelong and cooperative activities. Students will learn about the 5 health-related fitness components and the use of goal setting to reflect on one's own personal fitness levels.

ROBOTICS: PROGRAMMING BASICS

Grade Level: 6, 7, 8

Length: 1-2 trimester, every other day mini

**This course is a prerequisite for Robotics II*

This course is designed to introduce students to the basics of LEGO EV3 programming. Students will learn how to program their robot to navigate in its environment to complete multiple challenges from basics such as going forward, turning, and arm movement to using sensors (color, touch, and ultrasonic). Students will use their imagination and the application of science, technology, engineering, and math concepts (STEM) to solve problems.

ROBOTICS II

Grade Level: 6, 7, 8

Length: 1-3 trimesters, every other day mini

Prerequisites: Robotics: Programming Basics (2 trimesters)

**This course has a fee.*

This course is designed to build upon and explore more advanced LEGO EV3 programming. Students will learn how to program their robot to navigate in its environment to complete multiple challenges using sensors and various robot configurations. Students will apply science, technology, engineering, and math concepts (STEM), along with their imagination, to complete their choice of the available FLL boards. Students will also manufacture a research project that allows them to identify problems associated with their theme, and then create an innovative solution for a problem. Some of the themes students may explore are: Senior Solution, World Class, Nature's Fury, City Shaper, Into Orbit, Trash Trek, and Hydro Dynamics. This course is repeatable with a focus on a new theme each additional trimester.

SPANISH IA

Grade Level: 7, 8

Length: 3 trimesters, every other day mini

Prerequisites: Exploring Spanish or Teacher Approval

**Students demonstrating proficiency in Spanish 1A and Spanish 1B may enroll in Spanish 2 in 9th grade.*

Spanish IA is designed to introduce the basics of the Spanish language. This course is recommended for students entering academic fields at the college level or as a bilingual job skill. Spanish introduces the four basic skill areas of listening, speaking, reading, and writing using text, audios, films, music, and other media. Emphasis is placed upon pronunciation, vocabulary acquisition and basic grammatical concepts. Cultural concepts are taught as part of the learning process.

STEAM II

Grade Level: 6, 7, 8

Length: 1-3 trimesters, every other day mini

Prerequisites: Introduction to STEAM

**This course has a fee.*

Do you like to explore, discover, and figure out why things happen? Are you interested in space, car mechanics, or film? Do you enjoy taking photographs and altering them? Are you interested in renewable energy sources or creating music on the computer? Do you want to design and build your future home? If so, then the SmartLab is the place for you. In this course, students will explore STEM concepts and digital arts through technology and problem-based learning. Students will refine skills like critical thinking, collaboration, communication, teamwork, and creativity. Learners will personalize their own education throughout a year of discovery and take ownership of their learning by developing their projects and activities within the parameters of each given unit. In this course, learners discover failing is not a bad thing, just an obstacle to overcome, and the importance of thinking critically to overcome obstacles.

TECHNOLOGY EDUCATION

Grade Level: 7, 8

Length: 1 trimester, every other day mini

**This course has a fee*

Students will explore the areas of engineering, the FAB Lab, and woods. Engineering and FAB Lab will incorporate an industry standard drawing program known as Solid Works. They will also be introduced to the program Adobe Illustrator which is the main software program used to operate many of the FAB Lab machines.



8th Grade Course Descriptions

Required Courses: ELA 8, Math Core Connections 3 (or approved advanced math course), Science 8, Social Studies 8, Physical Education 8

CORE COURSES

8th Grade Core Courses are required foundational courses that provide learners with the opportunity to build on essential developmental skills.

ELA 8

Grade Level: 8

Length: 3 trimesters, daily block

**Required course*

In this course, students focus on the following main areas: literature, informational text, language vocabulary, writing, and speaking and listening to develop comprehension, fluency, and communication. Students will take part in a reading and writing workshop model that will include a limited amount of whole class direct instruction, guided reading, and personalized lessons emphasizing individual student needs in reading and writing. Students will continue to apply the reading strategies of predicting, evaluating, connecting, clarifying, and questioning with an emphasis on being able to support the analysis of text with textual evidence. Students will be offered choice in reading materials through which they will apply and develop their analytical and evaluative skills. Students will hone writing skills, expand vocabulary, and become more adept at oral expression. Writing will include both formal and informal pieces, including but not limited to persuasive writing, research based informative and explanatory texts, narratives, and poetry.

MATH CORE CONNECTION 3

Grade Level: 8

Length: 3 trimesters, daily block

**Required course*

In this course, students will use problem-solving strategies, questioning, investigating, analyzing critically, gathering and constructing evidence, and communicating rigorous arguments justifying their thinking. Under teacher guidance, students learn in collaboration with others while sharing information, expertise, and ideas. The course helps students to develop multiple strategies to solve problems and to recognize the connections between concepts.

SCIENCE 8

Grade Level: 8

Length: 3 trimesters, every other day block

**Required course*

Science 8 focuses on the physical sciences by exploring principles of physics, Newton's Laws of Motion, Matter and Energy, Electricity and Magnetism, Sound and Waves, and Atomic Structure and the Periodic Table of Elements. Students perform lab activities and complete projects that reflect the concepts covered in each unit. Such projects may include constructing catapults, 2L bottle rockets, electromagnets, and a variety of different challenges.

SOCIAL STUDIES 8

Grade Level: 8

Length: 3 trimesters, every other day block

**Required course*

Social Studies 8 is designed to provide learners with an understanding of the relationships between physical and human geography. Through collaboration, critical thinking and creativity learners will also explore how physical features of the earth, population settlement patterns, communication, human activities, customs, and traditions contribute to defining a place, a culture, and a people.

ELECTIVES COURSE OPTIONS

Electives provide learners the option to explore a range of areas and interests while applying learning from core courses and experiences. The number of elective courses taken will vary based on course choices as these courses vary in length and offering.

ART 7/8

Grade Level: 7, 8

Length: 1-3 trimesters, every other day mini

**This course has a fee*

Do you like to explore, experiment, and create art? Do you want to know what artists do? Students in art will develop creative strategies, skills and habits of mind through artistic practice while exploring an expanded range of media including charcoal, pencil, ink, watercolor, acrylic, printmaking, collage, sculpture, ceramics, and wheel throwing on the pottery wheel. The art room is an art studio where students assume the role of artists, explore their own ideas, interests, and passions. Students are encouraged to envision their own ideas, get materials freely, engage and persist through their artwork, express

themselves and reflect upon completion. The art room is a place to explore new ideas, experiment and learn through practice. The class is based upon [Teaching for Artistic Behavior](#), a nationally recognized choice-based art education approach.

BAND 8

Grade Level: 8

Length: 3 trimesters, every other day mini

Prerequisites: 7th Grade Band or Director Consent

Band 8 is designed for students who have three years of band experience. Students are given small group lessons with an emphasis on continuing learning of notes, rhythms, and techniques to improve individual instrumental skills. In addition, students rehearse in the full

ensemble every other day to prepare music for concerts. Students typically perform in concerts in December, March, and May. In addition, students will have the opportunity to participate in the District Solo Ensemble Festival in February and perform at the Kalahari Band Festival in May. They may also sign up to be in small ensembles such as flute choir, clarinet choir, brass choir, or audition for jazz band which is made up of both 7th & 8th grade students. Students will also march with the seventh grade in the Homecoming and Memorial Day Parades. Band encourages the development of discipline, teamwork, and self-esteem. Come be a part of our amazing band tradition at East Troy Middle School!

CHOIR 8

Grade Level: 8

Length: 3 trimesters, every other day mini

Do you want a place where you can be you without judgement? Do you want lots of friends that last a lifetime? Are you interested in a class that will guarantee fun and put you in a good mood no matter what your day is like? Well, choir is just the place for you! You don't need to be an American Idol singer to join. We will help you grow! Choir 8 is a non-auditioned course designed to introduce students to or continue the study of the choral art. Students develop the skills of 3-4 part singing while working as a group to create a performance. Choir members grow as musicians through the study and performance of music from different style periods and cultures. This course includes elements of music theory, and an understanding of music notation, with the goal of developing music literacy. Students typically perform concerts in December and May. Come be a part of the amazing choir program at East Troy!

EXCEL APPLICATIONS

Grade Level: 8

Length: 1 trimester, every other day mini

Through project-based instruction, students will familiarize themselves with Microsoft Excel. By the end of this course, students will be able to use formatting techniques, formulas, and charts to create professional business spreadsheets. Along the way, students will build on their computer basics of file management, keyboarding, and digital citizenship.

EXPLORING AGRICULTURE

Grade Level: 6, 7, 8

Length: 1-3 trimesters, every other day mini

Adventure awaits you in the world of agriculture! In this course, you'll explore everything from forestry to animals; food science to bee production; wildlife to horticulture and much more! This course uses a hand-on learning approach that utilizes both the outdoor learning classroom and the greenhouse. It is offered in three sections. All sections will include an FFA and leadership component; as well as an opportunity for interested students to become FFA members. Enroll in one, two, or all three sections; and let your journey through agriculture begin!

Trimester 3- Spring Section (8th Grade)

Do you have a green thumb? Do you like being outdoors? Then look no further because students enrolled in this section will learn the art of landscape and horticulture management. Students will grow a variety of plants; as well as design and implement small landscape projects. This section will also focus on wildlife & natural resources, providing students the opportunity to explore the wide facets of agriculture.

EXPLORING SPANISH

Grade Level: 7, 8

Length: 1-3 trimesters, every other day mini

Students explore the basics of the Spanish language and culture. Students focus on speaking and understanding spoken language as well as reading and writing. Students also complete a project exploring how world language is advantageous in careers.

INTRODUCTION TO STEAM

Grade Level: 6, 7, 8

Length: 1 trimester, every other day mini

**This course is a prerequisite for STEAM II*

Did you enjoy exploring, learning, and having fun in the SmartLab at Prairie View? Do you want to get your hands on some cool new technology? If so Introduction to STEAM is for you. This introductory course explores STEM and digital arts through technology and problem-based learning. Students will refine skills like critical thinking, collaboration, communication, teamwork, and creativity. Students begin the trimester by exploring the SmartLab in whole group activities and design challenges. Learners in this class will be introduced to the SmartLab, the different engagements, and how the ePortfolio is completed at the Middle School. Come explore and have fun with the Engineering Design Process.

MODERN BAND

Grade Level: 7, 8

Length: 1 trimester, every other day mini

How did Nirvana come up with "Something in the Way"? How do Foo Fighters write their music? How did the Beatles manage to reach almost half the households in the United States during their live performance on the Ed Sullivan show? Come learn the fundamentals of guitar, drum set, and lyric writing in Modern Band! Join a band, learn how to jam, and learn how to express yourself through making music.

PHYSICAL EDUCATION 8

Grade Level: 8

Length: 3 trimesters, every other day mini

**Required course*

Do you know your resting heart rate? Do you know what your target heart rate zone is? Do you know how hard you need to work to get into your target heart rate zone? Do you know how fast your heart recovers during physical activity? This course will incorporate the use of Polar heart rate monitors to assess the level of exertion during a variety of activities. Students will gain the skills needed to lead a healthy active lifestyle by participating in various fitness, lifelong and cooperative activities. Students will learn about the 5 health-related fitness components and the use of goal setting to reflect on one's own personal fitness levels.

PROGRAMMING FUNDAMENTALS

Grade Level: 8

Length: 1 trimester, every other day mini

**This course is a prerequisite for Programming Physical Devices*

Programming Fundamentals introduces students to the fundamental concepts of programming. Throughout the course, students learn about sequencing, selection, iteration, and variables by creating simple applications and games in Python. At the end of the course, students will develop an application or game of their own design.

PROGRAMMING GAMES

Grade Level: 8

Length: 1 trimester, every other day mini

Prerequisites: Programming Physical Devices

**Students completing this course may enroll in Beginning Programming and/or Introduction to Programming and Database Concepts in 9th grade.*

Programming Games reinforces and expands on the concepts learned in Programming Fundamentals and Programming Physical Devices.

During this course, students learn about classes, objects, and graphical user interface design through the creation of games in Python. At the end of the course, students will build a game of their own design.

PROGRAMMING PHYSICAL DEVICES

Grade Level: 8

Length: 1 trimester, every other day mini

Prerequisites: Programming Fundamentals

**This course is a prerequisite for Programming Games*

Programming Physical Devices reinforces and expands on the concepts learned in Programming Fundamentals. In this course, students learn about functions by creating Python programs to control drones and the Circuit Playground Express. By the end of the course, students will have a deeper understanding of programming and know how to develop more sophisticated programs

ROBOTICS: PROGRAMMING BASICS

Grade Level: 6, 7, 8

Length: 1-2 trimester, every other day mini

**This course is a prerequisite for Robotics II*

This course is designed to introduce students to the basics of LEGO EV3 programming. Students will learn how to program their robot to navigate in its environment to complete multiple challenges from basics such as going forward, turning, and arm movement to using sensors (color, touch, and ultrasonic). Students will use their imagination and the application of science, technology, engineering, and math concepts (STEM) to solve problems.

ROBOTICS II

Grade Level: 6, 7, 8

Length: 1-3 trimesters, every other day mini

Prerequisites: Robotics: Programming Basics (2 trimesters)

**This course has a fee.*

This course is designed to build upon and explore more advanced LEGO EV3 programming. Students will learn how to program their robot to navigate in its environment to complete multiple challenges using sensors and various robot configurations. Students will apply science, technology, engineering, and math concepts (STEM), along with their imagination, to complete their choice of the available FLL boards. Students will also manufacture a research project that allows them to identify problems associated with their theme, and then create an innovative solution for a problem. Some of the themes students may explore are: Senior Solution, World Class, Nature's Fury, City Shaper, Into Orbit, Trash Trek, and Hydro Dynamics. This course is repeatable with a focus on a new theme each additional trimester.

SPANISH IA

Grade Level: 7, 8

Length: 3 trimesters, every other day mini

Prerequisites: Exploring Spanish proficiency or Teacher Approval**8th grade students demonstrating proficiency in Spanish 1A may enroll in Spanish 1B in 9th grade.*

Spanish IA is designed to introduce the basics of the Spanish language.

This course is recommended for students entering academic fields at the college level or as a bilingual job skill. Spanish 1A introduces the four basic skill areas of listening, speaking, reading, and writing using text, audios, films, music, and other media. Emphasis is placed upon pronunciation, vocabulary acquisition and basic grammatical concepts. Cultural concepts are taught as part of the learning process.

SPANISH IB

Grade Level: 8

Length: 3 trimesters, every other day mini

Prerequisites: Spanish 1A

**Students demonstrating proficiency in Spanish 1A and 1B may choose to enroll in Spanish 2 in 9th grade.*

Spanish IB is a continuation of Spanish 1A. This course is designed to further introduce the basics of the Spanish language and is recommended for students entering academic fields at the college level or as a bilingual job skill. Spanish IB builds on the four basic skill areas of listening, speaking, reading, and writing using text, audios, films, music, and other media. Emphasis is placed upon pronunciation, vocabulary acquisition and basic grammatical concepts. Cultural concepts are taught as part of the learning process.

STEAM II

Grade Level: 6, 7, 8

Length: 1-3 trimesters, every other day mini

Prerequisites: Introduction to STEAM

**This course has a fee.*

Do you like to explore, discover, and figure out why things happen? Are you interested in space, car mechanics, or film? Do you enjoy taking photographs and altering them? Are you interested in renewable energy sources or creating music on the computer? Do you want to design and build your future home? If so, then the SmartLab is the place for you. In this course, students will explore STEM concepts and digital arts through technology and problem-based learning. Students will refine skills like critical thinking, collaboration, communication, teamwork, and creativity. Learners will personalize their own education throughout a year of discovery and take ownership of their learning by developing their projects and activities within the parameters of each given unit. In this course, learners discover failing is not a bad thing, just an obstacle to overcome, and the importance of thinking critically to overcome obstacles.

TECHNOLOGY EDUCATION

Grade Level: 7, 8

Length: 1-2 trimesters, every other day mini

**This course has a fee*

Students will explore the areas of engineering, the FAB Lab, and woods. Engineering and FAB Lab will incorporate an industry-standard drawing program known as Solid Works. They will also be introduced to the program Adobe Illustrator which is the main software program used to operate many of the FAB Lab machines.

Middle School Course Template

*This is an example only. The days and trimesters courses are offered and taken will vary based on student course selections.

6th Grade Courses					
<u>Trimester 1</u>		<u>Trimester 2</u>		<u>Trimester 3</u>	
<u>Day 1</u>	<u>Day 2</u>	<u>Day 1</u>	<u>Day 2</u>	<u>Day 1</u>	<u>Day 2</u>
English Language Arts 6		English Language Arts 6		English Language Arts 6	
Math CC 1		Math CC 1		Math CC 1	
Science 6	Social Studies 6	Science 6	Social Studies 6	Science 6	Social Studies 6
Physical Education	Health	Physical Education	Art 6	Physical Education	Music
Elective Choice	Elective Choice	Elective Choice	Elective Choice	Elective Choice	Elective Choice

7th Grade Courses					
<u>Trimester 1</u>		<u>Trimester 2</u>		<u>Trimester 3</u>	
<u>Day 1</u>	<u>Day 2</u>	<u>Day 1</u>	<u>Day 2</u>	<u>Day 1</u>	<u>Day 2</u>
English Language Arts 7		English Language Arts 7		English Language Arts 7	
Math CC 2		Math CC 2		Math CC 2	
Science 7	Social Studies 7	Science 7	Social Studies 7	Science 7	Social Studies 7
Physical Education	Elective Choice	Physical Education	Elective Choice	Physical Education	Elective Choice
Elective Choice	Elective Choice	Elective Choice	Elective Choice	Elective Choice	Elective Choice

8th Grade Courses					
<u>Trimester 1</u>		<u>Trimester 2</u>		<u>Trimester 3</u>	
<u>Day 1</u>	<u>Day 2</u>	<u>Day 1</u>	<u>Day 2</u>	<u>Day 1</u>	<u>Day 2</u>
English Language Arts 8		English Language Arts 8		English Language Arts 8	
Math CC 3		Math CC 3		Math CC 3	
Science 8	Social Studies 8	Science 8	Social Studies 8	Science 8	Social Studies 8
Physical Education	Elective Choice	Physical Education	Elective Choice	Physical Education	Elective Choice
Elective Choice	Elective Choice	Elective Choice	Elective Choice	Elective Choice	Elective Choice

6-12th Grade Courses							
	<u>6th grade</u>	<u>7th Grade</u>	<u>8th Grade</u>	<u>9th Grade</u>	<u>10th Grade</u>	<u>11th Grade</u>	<u>12th Grade</u>
English	ELA 6	ELA 7	ELA 8	English 9 or Acc. English 9	English 10 or Acc. English 10	English 11 or AP	English Choice
Math	Math CC1	Math CC2	Math CC3	Algebra	Geometry	Algebra 2	
Science	Science 6	Science 7	Science 8	Biology or Acc. Biology	Physical Science Choice	Science Choice	
Social Studies	Social Studies 6	Social Studies 7	Social Studies 8	Human Geo. or AP	U.S. History or AP	Civics, Economics	
Physical Education & Health	PE 6, Health	PE 7	PE 8	Fit Freshman, Health	PE Choice	PE Choice	
Other Electives	Art, Music						
Elective Choices	*6 elective choices	*3 elective choices per trimester		*9.5 elective credits			

-template shows typical course progressions

Blank Middle School Course Template

*This is an example only. The days and trimesters courses are offered and taken will vary based on student course selections.

6 th Grade Courses					
Trimester 1		Trimester 2		Trimester 3	
Day 1	Day 2	Day 1	Day 2	Day 1	Day 2
English Language Arts 6		English Language Arts 6		English Language Arts 6	
Math CC 1		Math CC 1		Math CC 1	
Science 6	Social Studies 6	Science 6	Social Studies 6	Science 6	Social Studies 6
Physical Education		Physical Education		Physical Education	

*Fill in Health, Art, Music (General Music, Band, or Choir), elective options

7 th Grade Courses					
Trimester 1		Trimester 2		Trimester 3	
Day 1	Day 2	Day 1	Day 2	Day 1	Day 2
English Language Arts 7		English Language Arts 7		English Language Arts 7	
Math CC 2		Math CC 2		Math CC 2	
Science 7	Social Studies 7	Science 7	Social Studies 7	Science 7	Social Studies 7
Physical Education		Physical Education		Physical Education	

8 th Grade Courses					
Trimester 1		Trimester 2		Trimester 3	
Day 1	Day 2	Day 1	Day 2	Day 1	Day 2
English Language Arts 8		English Language Arts 8		English Language Arts 8	
Math CC 3		Math CC 3		Math CC 3	
Science 8	Social Studies 8	Science 8	Social Studies 8	Science 8	Social Studies 8
Physical Education		Physical Education		Physical Education	

6-12 th Grade Courses							
	6 th grade	7 th Grade	8 th Grade	9 th Grade	10 th Grade	11 th Grade	12 th Grade
English	ELA 6	ELA 7	ELA 8	English 9 or Acc. English 9	English 10 or Acc. English 10	English 11 or AP	English Choice
Math	Math CC1	Math CC2	Math CC3	Algebra	Geometry	Algebra 2	
Science	Science 6	Science 7	Science 8	Biology or Acc. Biology	Physical Science Choice	Science Choice	
Social Studies	Social Studies 6	Social Studies 7	Social Studies 8	Human Geo. or AP	U.S. History or AP	Civics, Economics	
Physical Education & Health	PE 6, Health	PE 7	PE 8	Fit Freshman, Health	PE Choice	PE Choice	
Other Electives	Art, Music						
Elective Choices	*6 elective choices	*3 elective choices per trimester		*9.5 elective credits			

-template shows typical course progressions