

Bucyrus Middle School

Curriculum Guide 2026-2027



Go RED!

PLANNING YOUR SCHEDULE

1. Students preferably will not have more than 1 PE per semester.
2. There must be enough students enrolled to justify holding a class. This decision is at the discretion of the administration.

MIDDLE SCHEDULING PLANNER

6th Grade

6th Grade Math (Accelerated or On-Level)
6th Grade English (Accelerated or On-Level)
6th Grade Science (Accelerated or On-Level)
6th Grade Social Studies
Transitions
PE (1 semester)
Art (1 semester)
Music, Band or Choir (1 semester or year)
Electives (write in below)

Suggested electives: Creative Writing and Innovation and Design.

7th Grade

7th Grade Math (Accelerated or On-Level)
7th Grade English (Accelerated or On-Level)
7th Grade Science (Accelerated or On-Level)
7th Grade Social Studies
PE (1 semester)
Personal Wellness (1 semester)
Electives (write in below)

Suggested electives: Art, Band, Choir, Physical Education, Business, Marketing, Computer Applications, Innovation and Design, or World Geography

8th

8th Grade Math (Accelerated or On-Level)
8th Grade English (Accelerated or On-Level)
8th Grade Science (Accelerated or On-Level)
8th Grade Social Studies
PE (1 semester)
Career Exploration (1 semester)
Electives (write in below)

Suggested electives: Art, Band, Choir, Physical Education, Business, Marketing, Computer Applications, Innovation and Design, or World Geography.

Spanish I and Art I can be taken for high school credit.

CHANGE OF SCHEDULE

1. The deadline for all course changes is five school days into the semester unless otherwise announced.
2. Students may not change their schedules or add/drop courses without completing the Schedule Change Request Form.
3. Changes after the first week of the school year must be approved by the counselor and/or principal.

The penalty for dropping a class after five school days into the semester is zero credit for the year and an “F” figured into your cumulative grade point average. If the school counselor and the principal feel that dropping a course is necessary, and in the student’s best interest, the penalty may be waived.

COURSE FEES

Some course fees may be required for Bucyrus Secondary courses. Fees can be assessed for class fees, lost books, materials, and/or damaged equipment.

OHIO ASSESSMENTS

All students will take Ohio State Assessments in the following grades and subjects.

6th Grade: English Language Arts & Math

7th Grade: English Language Arts & Math

8th Grade: English Language Arts, Math, & Science

ADDITIONAL EDUCATIONAL PROGRAMS

High School Credit

Middle School students have the opportunity to earn high school credit in 8th grade. Students must meet the qualifications to take these classes. When taking these classes students must remember that these are for high school credit. A low or failing grade will affect the student's high school GPA.

Anticipated Classes for High School Credit at BMS (Subject to change)

Art 1- Course Number 710S: ½ Credit

* Will give students their ½ credit of fine art required for graduation.

Spanish 1-Course Number: 052: 1 Credit

* Will provide students with an elective credit required for graduation.

Algebra 1-Course Number: 319A: 1 Credit

* Will provide students with 1 Math credit required for graduation.

ATHLETIC ELIGIBILITY

During the preceding grading period, each high school student must have received passing grades in a minimum of five (5) one-credit courses or the equivalent, each of which counts toward graduation. Middle School students must pass four (4) classes in the preceding grading period. The Bucyrus Board of Education prohibits students from participating in interscholastic extra-curricular activities if they have less than a 2.0 grade point average on a 4.0 scale ***in the previous grading period***. Failure to comply with the grading period eligibility results in ineligibility for the following grading period ***UNLESS*** each student who has a G.P.A. 1.0 - 1.99 in the previous grading period and ***less than a 2.0 at the midterm of the current grading period*** attends the academic intervention described below:

Any High School or Middle School student/athlete with a 1.0 – 1.99 G.P.A. shall participate in an academic intervention program. The academic intervention program will consist of at least one hour/week study table for each subject wherein the student received a grade lower than a C. The athletic director will check grades at the mid-term of each quarter to determine whether a student will come off academic intervention, be required to continue, or be added to the academic intervention. Intervention will be assigned and monitored on the recommendation of the administration.

COURSE CURRICULUM

ART DEPARTMENT

Students who intend to take any of the art courses must be aware that Art is a subject that requires a certain amount of skill and talent. The higher the level of the course, the greater the talent and skill required. Those students who have demonstrated ability in art in previous courses and who have an interest in art are strongly encouraged to take the appropriate level of art course.

Basic Art - 6th Grade

Prerequisite: None

The regular art course for 6th grade students, this class will use a wide range of art materials. Students have the opportunity to try their hand at several different types of art.

Basic Art - 7th Grade

Prerequisite: None

The regular art course for 7th grade students, this class will use a wide range of art materials. Students have the opportunity to try their hand at several different types of art.

ART I - 8th Grade

Prerequisite: None

ART I is designed to provide a foundation for advanced courses. Emphasis is placed on understanding the Elements of Art and Principles of Design as a basis for composition. Students will explore a variety of artists, art processes and materials such as drawing, painting, printmaking, two & three-dimensional design, and digital art. Student artwork will reflect aesthetics & cultural and historical contexts. Willingness to get involved in the creative process is a more important requirement than the student's talent or previous experience.

ENGLISH DEPARTMENT

6th Grade English Language Arts

Prerequisite: None; placement is based on grade level

Students will embark on a journey of self-discovery through reading, writing and language (i.e., grammar, vocabulary and word study). The course is aligned to Ohio's Academic Content Standards and prepares students for the Grade 6 Ohio's State Tests in English Language Arts. The course stresses the independent use of reading strategies to comprehend and respond to a variety of literary and informational texts. In addition, this course emphasizes to students that writing is a process. Students will also acquire vocabulary through both reading practice and explicit instruction. Students are given time for modeled, shared, assisted and independent reading and writing practice.

6th Grade English Language Arts-Accelerated

Prerequisite: Meet the Criteria for Placement

Students will embark on a journey of self-discovery through reading, writing and language (i.e., grammar, vocabulary and word study). The course is aligned to Ohio's Academic Content Standards and prepares students for the Grade 6 Ohio's State Tests in English Language Arts. The course stresses the independent use of reading strategies to comprehend and respond to a variety of literary and informational texts. In addition, this course emphasizes to students that writing is a process. Students will also acquire vocabulary through both reading

practice and explicit instruction. Students will be expected to complete reading and writing assignments outside of class.

7th Grade English Language Arts

Prerequisite: None; placement is based on grade level

Fundamentals of grammar are continued including parts of speech, sentence structure, and introductions to informative/research and argumentative essays. Reading includes several novels and short stories, as well as informational articles and develops skills on supporting ideas with textual evidence and building comprehension through understanding of literary elements such as theme, characterization, and figurative language. Vocabulary skills are incorporated throughout the course. Most reading and assignments are done during the extended class time

7th Grade English Language Arts-Accelerated

Prerequisite: Meet Criteria for Placement

Is a class that is designed for students who read above grade level and excel at language skills and writing. Fundamentals of grammar and writing process are reviewed, but focus is on building skills for purpose, craft and structure. Novels, short stories, and informational articles are used to develop deeper comprehension and critical thinking skills. Most reading assignments are independent and outside of class time. Projects involve more self directed activities and will require learning to budget time. Students taking honors courses should be self-driven, able to manage time, and be interested in and accountable for their own learning.

8th Grade English Language Arts

Prerequisite: None; placement is based on grade level

This course focuses on strengthening reading, writing, vocabulary, and grammar skills. There is an emphasis placed on informative/explanatory and argumentative essay writing along with close reading skills. The course is aligned to Ohio's Academic Content Standards and prepares students for Ohio's State Tests in English Language Arts, grade 8.

8th Grade English Language Arts-Accelerated

Prerequisite: Meet Criteria for Placement

The course is aligned to Ohio's Academic Content Standards and prepares students for Ohio's State Tests in English Language Arts, grade 8. The course addresses reading, writing, vocabulary and grammar skills for academically accelerated students. There is a focus placed on informative/explanatory and argumentative essay writing. Students taking Accelerated ELA should be self-driven, able to manage time, and be accountable for their own learning. There also is an expectation that students will do work outside of the classroom and need to be responsible and ready to handle this.

Creative Writing-6th-8th Grades

Prerequisites: None

In this fun and engaging creative writing course, students will improve their writing skills in a more creative way. . Through a variety of writing exercises, prompts, and projects, students will learn the basics of creative writing, including character development, plot structure, dialogue, and setting. Throughout the course, students will also engage in peer reviews, providing constructive feedback to classmates, and refining their work through revisions.

Adventures in Literature-7th-8th Grades

Prerequisites: None; Teacher Recommendation Preferred

This course is a project-based, discussion-driven elective designed to engage students in the exploration of powerful, real-world narratives. Through close reading, collaboration, and critical thinking, students will uncover themes of resilience, identity, social justice, and the power of individual voices in times of crisis. This course emphasizes group and creative presentations, class discussions, and independent reading.

WORLD LANGUAGE DEPARTMENT

Spanish I NCAA

Course Number: 051

Prerequisite: Pass English with not less than a “C” or recommendation

Grade: 8-12

Credit: 1

Students learn the basic communication skills of speaking, listening, reading, and writing, to understand and make simple responses with conversational Spanish. Topics include introductions, descriptions, life at school, family, weekend activities, and community life.

HEALTH, PHYSICAL EDUCATION DEPARTMENT

Basic Physical Education- 6th-8th Grades

Prerequisite: None

This class includes Fitness Wednesday, PACER Test, 12-minute run, and other fitness activities. This will include an introduction to team and individual sports, introduction of the weight room, safety and lifts with a beginning weight training unit that is 4-5 weeks long.

Personal Wellness 7th-8th Grades

Prerequisite: None

The Personal Wellness course is designed to help middle school students build a strong foundation for maintaining a healthy mind, body, and lifestyle. This class explores the key components of personal wellness, including physical health, emotional well-being, social relationships, and decision-making skills. Students will engage in interactive lessons, activities, and discussions that focus on understanding the importance of balanced nutrition, regular physical activity, mental health, and the development of positive relationships with peers and adults.

MATHEMATICS DEPARTMENT

6th Grade Math

Prerequisite: None; placement is based on grade level

Math 6 is the natural progression for students who have completed 5th grade Math. All instructional units are aligned to Ohio’s Math Learning Standards for 6th grade and include: Number Fluency; Operations with Rational Numbers; Rates, Ratios & Percents; Integers & The Coordinate Plane; Expressions; Equations & Inequalities; Area, Perimeter & Volume; and Statistics. Students in Math 6 will proceed to Math 7 or Accelerated Math 7.

6th Grade Math- Accelerated

Prerequisite: Meet Criteria for Placement

The Honors Math 6 curriculum is aligned to Ohio's Math Learning Standards for 6th grade. Students will build upon their mastery of 5th grade math standards as they deeply explore the units with a strong emphasis on mathematical modeling and reasoning. Students will need to be self-motivated and able to work independently with some help. Homework is to be expected, which will include use of a computer. The instructional units for this course include: Number Fluency; Operations with Rational Numbers; Rates, Ratios & Percents; Integers & The Coordinate Plane; Expressions; Equations & Inequalities; Area, Perimeter & Volume; and Statistics; and various extension topics.

7th Grade Math

Prerequisite: None; placement is based on grade level

Math 7 is the natural progression for students who have completed 6th grade Math. All instructional units are aligned to Ohio's Math Learning Standards for 7th grade. Instructional time will focus on four critical areas: Developing understanding of and applying proportional relationships; Developing understanding of operations with rational numbers and working with expressions and linear equations; 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; Drawing inferences about populations based on samples.

7th Grade Math- Accelerated

Prerequisite: Meet Criteria for Placement.

The Accelerated Math 7 curriculum is aligned to Ohio's Math Learning Standards for 7th grade. Students will build upon their mastery of 6th grade math standards as they deeply explore the units with a strong emphasis on modeling and reasoning. Students will need to be self-motivated and able to work independently with some help. Homework is to be expected most nights. Instructional time will focus on four critical areas: Developing understanding of and applying proportional relationships; Developing understanding of operations with rational numbers and working with expressions and linear equations; 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; Drawing inferences about populations based on samples; and various extension topics

8th Grade Math

Prerequisite: None; placement is based on grade level

This course is designed to lay the foundation of a solid mathematical background. Concepts examined in this course will underlay basic algebra, problem solving, geometry, number system, and statistical concepts. Under these concepts students will learn how to solve systems of equations, laws of exponents, functions, number systems, translations, similar figures, angle theory, the Pythagorean Theorem, and the application of volume, to name a few. This course is needed to be able to move onto more complex ideologies and concepts found in Algebra 1, Geometry, and Statistics.

8th Grade Math-Accelerated

Prerequisite: Meet Criteria for Placement

Students will build upon their mastery of 7th grade math standards. Concepts examined in this course will underlay basic algebra, problem solving, geometry, number system, and statistical concepts. Under these concepts students will learn how to solve systems of equations, laws of exponents, functions, number systems, translations, similar figures, angle theory, the Pythagorean Theorem, and the application of volume, to name a few. This course is needed to be able to move onto more complex ideologies and concepts found in Algebra 1, Geometry, and Statistics. Students will need to be self-motivated and able to work independently with some help. Homework is to be expected most nights.

Honors Algebra I NCAA 8th Grade

Course Number: 314

Prerequisite: Teacher Recommendation, Advanced or Accelerated on state test, WEP

This course is designed to advance the study of algebraic concepts that were developed in Pre-Algebra. It will explore the development of symbol manipulation, and advanced solution techniques involving real numbers, polynomials, factoring, solving equations and inequalities, and graphing. This course is intended for the student that wishes to pursue a four year degree at a college or university.

MUSIC DEPARTMENT

The basic program at Bucyrus Middle School includes those students who have skills in the various areas of music. Both the band and choir provide interesting and rewarding experiences, demanding of dedication and time, especially during performance seasons.

6th Grade Band

Prerequisite: None

6th Grade Band is a second-year band class. Course content will consist of Method Book Studies and grade-level concert literature. Rehearsal emphasis will be on basic musicianship, tone-production, and note-reading. The 6th Grade Band meets daily and performs in concerts in the winter and spring.

7th Grade Band

Prerequisite: 6th Grade Band preferred

7th Grade Band is for third year band students. Emphasis on fundamental musicianship is combined with additional performance opportunities, which include concerts and civic events. Performance literature includes grade-level selections as well as music that is appropriate for particular performance venues.

Note: Students may enter the band program at any grade level. Directors must be first provided with parental permission for a student to participate in the program. Arrangements will be made with parents for a time to assess which instrument is most suitable for the student as well as the resources needed to acquire an instrument.

8th Grade Band

Prerequisite: 6th and 7th Grade Band Preferred

8th Grade Band is for fourth-year band students. Emphasis on fundamental musicianship is combined with additional performance opportunities, which include concerts and civic events. Performance literature includes grade-level selections as well as music that is appropriate for particular performance venues.

Note: Students may enter the band program at any grade level. Directors must be first provided with parental permission for a student to participate in the program. Arrangements will be made with parents for a time to

assess which instrument is most suitable for the student as well as the resources needed to acquire an instrument.

6th Grade Choir

Prerequisite: None

Students will work on vocal production and music reading skills, including but not limited to sight-singing, music theory, beginning vocal technique, etc. Mandatory performances outside the school day will include concerts and community appearances.

7th & 8th Grade Choir

Prerequisite: 6th and 7th Grade Choir Preferred

Students will work on vocal production and music reading skills, including but not limited to sight-singing, music theory, beginning vocal technique, etc. Mandatory performances outside the school day will include concerts and community appearances.

Intro to Guitar: 7th-8th Grades

Prerequisite: None

This class is intended for students with little to no experience playing the guitar. Students will be given the broad foundation they need to perform various styles of music, and note reading, tablature reading, chord playing, patterns, and improvisation will be emphasized in a step-by-step approach. Students who enroll in this class must have their own full size acoustic or electric guitar (electric guitar owners must also have an amplifier) that they bring to class daily.

Intro to Keyboard: 7th-8th Grades

Prerequisite: None

This class is intended for students with little to no experience playing the keyboard. Students will be given the broad foundation they need to perform various styles of music, and note reading, tablature reading, chord playing, and patterns will be emphasized in a step-by-step approach. Students who enroll in this class do not need their own keyboard.

Music Appreciation: 6th-8th Grades

Prerequisite: None

Music appreciation studies elements of music, music history, and world music traditions in a classroom setting as an alternative offering to the performance based band and choir courses. Students will learn and apply skills of musical analysis to engage with a variety of musical genres and traditions, constructing an understanding of musical styles and tastes throughout history.

SCIENCE DEPARTMENT

6th Grade Science

Prerequisite: None; placement is based on grade level

6th Grade Science engages students in scientific inquiry as they explore topics in Earth, Physical and Life Sciences. In this course, students will learn to describe rocks, minerals and soil that make up Earth's lithosphere, applying the content by inferring past, present and future environments on Earth. They will study

the basics of the Modern Cell Theory, recognizing that all living organisms are made of cells that carry on functions to sustain life. Students also investigate the foundational concepts of the nature of matter; that the atom makes up all objects with mass. They will explore introductory concepts of motion and energy, specifically learning about potential and kinetic energy and ways to describe and graph the motion of objects.

6th Grade Accelerated Science

Prerequisite: Meet Criteria for Placement

Students taking 6th Grade Accelerated Science cover the same standards of Science 6 but in greater depth and at an accelerated pace. There will be an emphasis on application of knowledge, graphical and numerical analysis of data, and problem solving.

7th Grade Science

Prerequisite: None; placement is based on grade level

7th Grade Science engages students in scientific inquiry with a focus on Earth's systems. The curriculum covers Earth, Physical and Life science concepts. Students will gain an understanding of the Periodic Table of Elements and the Law of Conservation as they explore the cycling of matter through Earth's spheres. They will develop an understanding of heat energy transfer between the atmosphere and hydrosphere in their study of the water cycle, atmospheric and ocean currents. Energy transfers through electric circuits, ecosystems and waves will also be investigated. Students will develop an awareness of the factors affecting climate and biomes. Additionally, students will gain perspective of the predictable patterns of motion experienced by the Earth and Moon, contributing to tides and other cyclical events.

7th Grade Accelerated Science

Prerequisite: Meet Criteria for Placement

Students taking 7th Grade Accelerated Science cover the same standards of Science 7 but in greater depth and at an accelerated pace. There will be an emphasis on application of knowledge, graphical and numerical analysis of data, and problem solving.

8th Grade Science

Prerequisite: None; placement is based on grade level

8th Grade Science engages students in scientific inquiry with a focus on Earth, Physical and Life Science content. Throughout this course, students will explore the Earth's continually changing surface. They will describe Earth's interior, the patterns of change to Earth's surface and the theory of plate tectonics, focusing on the evidence that exists to support all three. Students will use physical science concepts to support their understanding of Earth as they investigate forces, motion, and energy, building on the foundational knowledge gained in 6th and 7th grade science courses. Students will also investigate how changes to Earth's surface impact the organisms that live on Earth. They will explore the diversity of species that exist on Earth and gather evidence of changes to life forms as they examine the fossil record. They will focus on the importance of reproduction and environmental factors to ensure the continuation of all species. The course is aligned to Ohio's Academic Content Standards and prepares students to excel on the Ohio's State Assessment in science, which is given in the spring of the 8th grade year.

8th Grade Accelerated Science

Prerequisite: Meet Criteria for Placement

Students taking 8th Grade Accelerated Science cover the same standards of Science 8 but in greater depth and at an accelerated pace. There will be an emphasis on application of knowledge, graphical and numerical analysis of data, and problem solving.

Innovation & Design 6th-8th Grades

Prerequisite: None

Students will be introduced to the engineering design process through hands-on learning. They will focus on developing their creativity, communication, collaboration, and critical thinking skills while trying to solve real-world problems.

SOCIAL STUDIES DEPARTMENT

6th Grade Social Studies

Prerequisite: None; placement is based on grade level

6th Grade Social Studies focuses on the study of the people and regions of the Eastern Hemisphere. Students become aware of the geographic features, early history, cultural development, and economic change of the regions. Students learn about the development of the early river civilizations in Africa and Asia. The geographic focus of the course includes the study of contemporary regional characteristics, the movement of people, products and ideas and cultural diversity. Students develop an understanding of the role of consumers and the interaction of markets, resources and competition.

7th Grade Social Studies

Prerequisite: None; placement is based on grade level

7th Grade Social Studies is an integrated study of world history beginning with Ancient Greece and continuing through global exploration (750 B.C. to 1600 A.D). Students understand how historical events are shaped by geographic, social, cultural, economic and political factors. Students develop their understanding of how ideas and events from the past have shaped the world today. In order to develop the knowledge and skills needed for economic success in the future, topics related to financial literacy will be incorporated into the course.

8th Grade Social Studies

Prerequisite: None; placement is based on grade level

8th Grade Social Studies continues the historical focus with the study of European exploration and the early years of the United States (1492 to 1877). All four social studies strands are incorporated into a chronological view of the development of the United States. Students will examine how historic events are shaped by geographic, social, cultural, economic and political factors. In order to develop the knowledge and skills needed for economic success in the future, topics related to financial literacy will be incorporated into the course.

United States Geography: 7th-8th Grades

Prerequisite: 6th Grade Social Studies

In this elective, students plan a detailed trip from Bucyrus to a variety of destinations throughout the United States. Following the guidelines of budget, timeframe, and site theme, students plan a variety of visits to locations throughout the country. Students will research destinations, transportation, places to stay, sights to see,

and how to get the most out of a trip. Students can also learn about current issues in various places along their trip, and how to be a conscientious traveler. They will present their trips to classmates and must meet certain requirements for budget and timeframe for their trips.

World Geography 7th-8th Grades

Prerequisite: 6th Grade Social Studies

World geography is an elective that studies physical and human geography. World Geography curriculum is organized by region and allows students to explore global cultures as they analyze populations, settlement patterns, and how these affect the physical environment. World Geography class will also give students the opportunity to analyze and compare various factors such as development, systems of government, and standards of living in different parts of the world including the U.S., Asia, Africa, and Latin America, just to name a few.

MIDDLE SCHOOL ELECTIVES

Business Foundations I and II: 7th grade 141000

Prerequisite: None

An introductory course designed to give students an overview of Business Essentials. Students will develop a basic understanding of business in our economy. For an abbreviated period, we will briefly cover various business topics throughout the semester.

This course will emphasize skills such as goal setting, decision-making, communication, and time management, along with the other skills it takes to be a good leader in school and the community. This course is a valuable resource for those who aspire to become leaders in any organization such as; business, government, military, and non-profit organizations, responsibility, integrity, and work ethic. You will demonstrate your understanding of Business Essentials through class presentations, notes, worksheets, group and individual projects, group and individual presentations, research, videos, activities, and assessments.

Marketing I and II: 8th 144000

Prerequisite: None

Focused on providing students with a foundation in basic marketing principles.

Students develop an understanding and skills in the areas of distribution, marketing-information management, market planning, pricing, product/service management, promotion, and selling. Students develop an understanding of marketing functions applications and their impact on business operations.

Career Exploration-8th Grade

Prerequisite: None

This one-semester course will be a mix of online and teacher-led lessons covering career and life essentials such as developing and practicing a strong work ethic, time management, communication, teamwork, and the fundamentals of workplace organizations. Career Explorations also allow students to investigate different career paths and the needed skills to become college and/or career ready after high school.

Intro to Media Communications-7th-8th Grades

Prerequisite: None

Teaches students the fundamentals of various media skills and arts, careers, business and communication. We will look at how society is surrounded and impacted by different media outlets and the skills needed for each.

Computer Applications - 7th-8th Grades

Prerequisite: None

This course introduces students to Google applications through a project-based learning curriculum. Each lesson asks students to actively apply their learning of digital skills to help them solve real-world problems while developing computer and typing skills.

Intro to Public Speaking-7th-8th Grades

Prerequisite: None

The public speaking and communication class will help students develop and improve speaking and critical thinking skills while communicating with individuals and groups. Students will prepare and deliver speeches while being taught the fundamentals of physical and vocal delivery skills, controlling speech anxiety, and how to structure and organize information to present to a variety of audiences.

Transitions- 6th Grade

Prerequisite: None

This course is designed to help students transition into middle school from elementary. Topics covered and assessed in this course will include behavior expectations, organizational strategies, technology, social emotional learning, grade check ins, mindfulness training, DARE, executive functions, basic social skills, and communication skills.

Middle School Computer Coding-7th and 8th Grades

Prerequisite: None

This course is an introductory course to coding for middle school students. It is great for students who are completely new to coding or for students who are continuing on their coding journey. The modules in this course include internet etiquette for staying safe online, exploring emerging technologies and their impact on the world, the basics of JavaScript, functions and program planning in JavaScript, the basics of Python, and the basics of game design mechanics to make their own games.

Intro to Drones & Robotics-7th and 8th Grades

Prerequisite: Innovation and Design Preferred

This course is a fun, hands-on STEM class where students learn about drones and robots. Students will explore how drones and robotics are used in real life and discover different jobs and careers in technology and engineering. Through projects and challenges, students will build problem-solving, creativity, and teamwork skills while learning how technology shapes the world around them.