

CHRISTA MCAULIFFE ACADEMY



SCHOOL OF ARTS AND SCIENCES

TOUCH THE FUTURE >>>



MIDDLE SCHOOL COURSE CATALOG

Table of Contents

Making Online Learning Work for You.....	3
Academic Integrity Policy	4
Courses at a Glance.....	5
Language Arts.....	6
Mathematics	7
Social Studies	8
Science	9
World Languages.....	10
Visual & Performing Arts.....	11
Health/Physical Education	15
Career & Technical Education.....	16
Personalized Course Offerings.....	18



CMASAS serves students worldwide through a unique personalized approach to education.

CMASAS Main Office
5200 SW Meadows Rd. Ste. 150
Lake Oswego, OR 97035
Phone: 503.226.7374
Toll Free: 888.832.9437

© Personalized Education Group, Aug 20, 2020

Making Online Learning Work for You

Education's purpose is to empower students to find their own paths to their own dreams; to create life-long learners who are prepared for both the modern world and the future; and to empower individuals to make a positive impact in the world.

Our personalized education program is student-centered and requires, student, parent, teacher, and Personalized Education Coach (PEC) to work together to set goals and keep the whole student in mind.

Students and parents are encouraged to make schedules and "to do" lists. Post these lists somewhere, where the student can see them and check things off. For younger students consider a sticker chart.

While we encourage students to view the world as their classroom, keep in mind that a structured study space and time will be needed in order to complete parts of the program. We recommend tailoring this to the needs of your student. Here are some tips:

- A large table or desk where learning on the computer and tinkering can take place
- Headphones with a built-in microphone
- A tool to help you and your student track time
- A posted schedule for the day's activities

Online learning in a self-paced, personalized environment is fulfilling and exciting. Remember that you have help in your PEC, who also is your student's Course Instructor. Work as a team to set goals and create schedules to help your student see what they need to accomplish.

Academic Integrity Policy

CMASAS will not tolerate cheating, plagiarism, or facilitating academic dishonesty and serious consequences will result from such behaviors including receiving an “F” for the assignment in question or for the course. Repeated violations may result in expulsion from the school.

PHILOSOPHY

Academic integrity is founded upon and encompasses the following five values: honesty, trust, fairness, respect, and responsibility. Supporting and affirming these values is essential to promoting and maintaining a high level of academic integrity. Each member of the academic community must stand accountable for his or her actions. As a result, a community develops in which students learn the responsibilities of citizenship and how to contribute honorably to their professions.

If knowledge is to be gained and properly evaluated, it must be pursued under conditions free from dishonesty. Deceit and misrepresentations are incompatible with the fundamental activity of this academic institution and shall not be tolerated. Members of the CMASAS community are expected to foster in their own work the spirit of academic honesty and not to tolerate its abuse by others.

First responsibility for academic integrity lies with individual students and faculty members of this community. A violation of academic integrity is an act harmful to all other students, faculty and, ultimately, the school.

Students are expected to practice responsible and honest behavior. Acts of academic dishonesty will not be tolerated at CMASAS and are listed below:

- Cheating on tests, homework, or grading of assignments
- Fabrication (any intentional falsification or invention of date, citation, or other authority in an academic exercise)
- Unauthorized collaboration
- Plagiarism (stealing and passing off as one’s own the words or ideas of another)
- Theft or alteration of materials

Violation of this policy will result in:

First Offense: The student will be issued a warning in regard to the specific violation that was committed. Student will be allowed to resubmit the assignment with no loss of score due to the offence. However, the offence will be documented for future reference. Student will also need to complete a Plagiarism review course prior to completing any additional work or resubmitting the assignment. At the end of the Plagiarism review course, student will sign an acknowledgement form indicating they understand what plagiarism is and are familiar with the Academic Integrity Policy and agree to abide by the policy.

Second Offense: An official letter is sent home to explain the severity of the offence and to further explain what will occur upon a third offense. Student will be required to redo the assignment where the violation occurred. Parent or Guardian will need to sign off stating they have discussed the issue with their child and agree to the consequences of a third occurrence.

Third Offense: Student will be placed on Academic Probation incurring an added tuition of \$100.00 per month for 3 months and the offense being documented in the student’s permanent academic records.

Forth Offense: Student will have tuition permanently adjusted by \$150/month for the additional oversight of the principle/counselor to monitor and to have all assignments reviewed for plagiarism. All exams will need to be proctored.

Course Offerings: At a Glance

Language Arts

Language Arts 6
Language Arts 7
Language Arts 8

Mathematics

Math 6
Math 7
Pre-Algebra (8)

Social Studies

World History & Geography (6)
Civics (7)
U.S. History & Geography (8)

Science

Comprehensive Science (6)
Life Science (7)
Physical Science (8)

Health/Physical Education

Health/P.E. 6
Health/P.E. 7
Health/P.E. 8
Fitness

World Languages

Beginning Spanish
Intermediate Spanish

Visual & Performing Arts

(log or outside study course)

Art 6
Art 7
Art 8
Visual Arts 6
Visual Arts 7
Visual Arts 8
Music 6
Music 7
Music 8
Dance 6
Dance 7
Dance 8
Theater 6
Theater 7
Theater 8
2D Studio Art
Digital Art & Design
Exploring Music
Photography

Career & Technical Education

Keyboarding 6
Keyboarding 7
Keyboarding 8
Technology Literacy
Career Exploration I
Career Exploration II
Coding I
Game Design I
Journalism

High School Courses

Middle school students can have opportunities to take selected high school classes for high school credit. See the high school catalog for current course options and discuss this with your Personalized Education Coach or academic counselor to explore the requirements to see if this is a good choice for you.

Language Arts

Language Arts 6

Grade Level: 6th

Using a motif of Heroes, Helpers, and Hope, students in the Middle School Language Arts I course will acquire the reading, writing, language, and speaking/listening skills necessary for success in college, career, and beyond. Students will become critical readers and thinkers as they delve into fiction and informational texts within the course. They will also learn to effectively write narrative, informational, and argumentative pieces and present their ideas clearly and cohesively.

Duration: 2 semesters

Language Arts 6 A
Language Arts 6 B

Language Arts 7

Grade Level: 7th

Using a motif of Mystery, Monsters, and Mayhem, students in the Middle School Language Arts II course will acquire the reading, writing, language, and speaking/listening skills necessary for success in college, career, and beyond. Students will become critical readers and thinkers as they delve into fiction and informational texts within the course. They will also learn to effectively write narrative, informational, and argumentative pieces and present their ideas clearly and cohesively.

Duration: 2 semesters

Language Arts 7 A
Language Arts 7 B

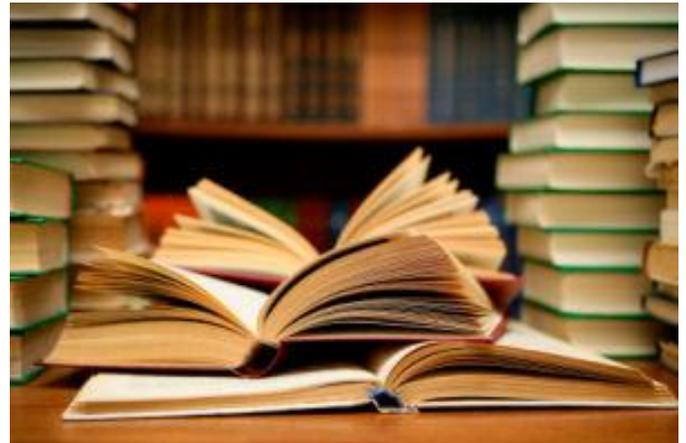
Language Arts 8

Grade Level: 8th

Using a motif of Innovation, Imagination, and Invention, students in the Middle School Language Arts III course will acquire the reading, writing, language, and speaking/listening skills necessary for success in college, career, and beyond. Students will become critical readers and thinkers as they delve into fiction and informational texts within the course. They will also learn to effectively write narrative, informational, and argumentative pieces and present their ideas clearly and cohesively.

Duration: 2 semesters

Language Arts 8 A
Language Arts 8 B



Mathematics

Math 6

Grade Level: 6th

The course is designed to engage students at every turn. Students have the opportunity to demonstrate their knowledge of number manipulation by applying it to real world scenarios. The course is packed with games that reinforce content and let students practice the skills they have learned throughout the course. Tidbits of trivia and activities throughout the course leave students with a smile.

Duration: 2 semesters

Math 6 A

Math 6 B

Math 7

Grade Level: 7th

This course is designed to expand student knowledge about the transformation of shapes by sliding, flipping, rotating, and enlarging them on a coordinate plane. This course gives students the opportunity to create, investigate, and demonstrate knowledge at both intermediate and advanced levels. Students will be amazed with the skills that they accumulate while completing this course. This course is so full of animations, applications, videos, games, and real-world scenarios, students may think it is the latest video game.

Duration: 2 semesters

Math 7 A

Math 7 B

Pre-Algebra

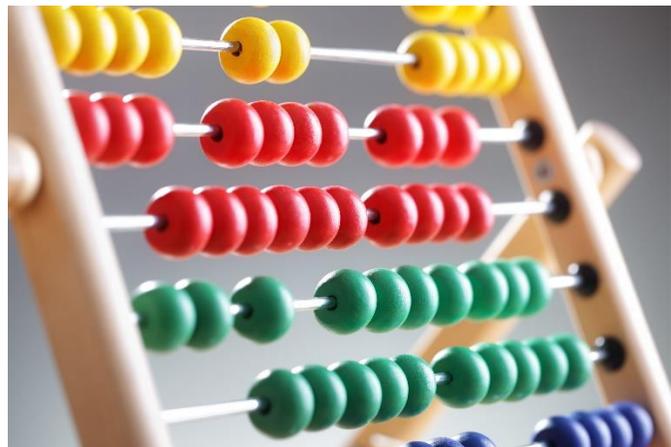
Grade Level: 8th

Students who love interactive learning will enjoy Pre-Algebra. They experience intrigue and fun when they log in to Pre-Algebra. This hands-on course is full of slideshows, applications, videos, and real-world scenarios. The satisfaction students gain from truly understanding higher level concepts such as functions and systems of equations encourages excitement and joy for learning that they may have never experienced before.

Duration: 2 semesters

Pre-Algebra A

Pre-Algebra B



Social Studies

World History & Geography

Grade Level: 6th

Somebody discovered the wheel. Somebody discovered written communication. Somebody even figured out how to count to ten. From the ancient river civilizations to China and its ancient dynasties, different civilizations left their mark on history. They also left their mark on how we live today. In this course, students join travel agent Mr. Lightfoot to travel back in time digging out the past of these ancient civilizations. In ancient Egypt students visit the pyramids and find out the secrets of preserving mummies. They see how the Mayans developed astronomy to a precise science. They even investigate the difference between the Athenians and the Spartans. Students will journey through India discovering their contributions to medicine, moving on to Africa to follow the rise and fall of the ancient east African kingdoms of Kush and Axum. Throughout the centuries, and still today, our world is made up of dozens of different cultures. They all are different, and they all have made big contributions to what we know and who we are.

Duration: 2 semesters

History and Geography A
History and Geography B

Civics

Grade Level 7th

In this course, students discover the rights and responsibilities of citizenship in the United States. They learn about the structure of the government and how it works at the local, state, and federal levels. This course examines elections, the lawmaking process, and how citizens can impact public policy. Students also discover ways the United States interacts with countries around the world. Geography and economics support the learning of civics in this course. Engaging in this study prepares students to be informed citizens who are ready to participate in the American democracy!

Duration: 2 semesters

Civics A
Civics B

Middle School Course Catalog

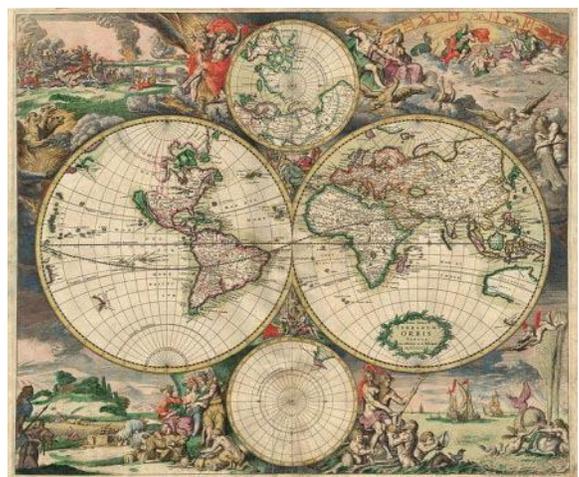
U.S. History and Geography

Grade Level 8th

Learning about history allows people to see how far we have come and what awaits us on our path to the future. In this course, students will explore the history of the United States and analyze the cause and effect in historical events. They will investigate history by using the tools of a historian to examine the historical, geographic, political, economic, and sociological events that influenced the development of the United States. Students will imagine what it was like to live in the past by reading the stories from the people who experienced it. This course begins with the engaging stories of what brought the earliest American colonists to the New World and ends with the struggles to repair the United States following the Civil War. Engaging in this study allows students to recognize the themes of history that span across centuries and leads to a greater appreciation of the development of the United States and the resulting impact on world history.

Duration: 2 semesters

U.S. History and Geography A
U.S. History and Geography B



Science

Comprehensive Science

Grade Level: 6th

Comprehensive Science I is the first in a series of three consecutive science classes. This course provides an introduction to Science, Energy, Force, Weather, Climate, The Earth's Systems, and the Living World. Some topics are explored in depth while others are introduced to serve as building blocks for Comprehensive Science II and III. During this course, students will explore science through every day examples and experiences. Students will participate in activities and online laboratory experiences to apply what they have learned.

Duration: 2 semesters

Comprehensive Science A
Comprehensive Science B

Life Science

Grade Level: 7th

Students learn the characteristics of living things, plant and animal cell structures, the characteristics of unicellular and multi-cellular life, genetics, evolution, classification of organisms, and animal behavior. Students explore the human anatomy and systems, ecology, and conservation. Students are also introduced to laboratory principles and practices.

Completions of both semesters of this course provides a solid foundation for continuing study of biology, environmental science, and other life science courses.

Duration: 2 semesters

Life Science A
Life Science B

Physical Science

Grade Level: 8th

Physical Science is the study of the nature and structure of matter and the characteristics of energy. Physical Science A begins with the exploration of the scientific method and how matter is measured. Students then delve deeper into the study of matter by investigating its properties and the forms in which it exists. Different states of matter are discussed as well as its ability to occur as elements, compounds, and mixtures. With this knowledge, student learn about the basic unit of a chemical element, the atom, including the history of its development. The course then describes the arrangement of elements in the periodic table, characteristics that different groups of elements have, and trends that can be observed along the rows and columns of the periodic table. The last part of the course encompasses why chemical reactions occur, how elements combine with each other, and properties of chemicals such as acids and bases, and organic compounds. The course also introduces students to laboratory principles and practices.

Completion of both semesters of this course provides a solid foundation for continuing study of chemistry and physics.

Duration: 2 semesters

Physical Science A
Physical Science B



World Languages

Beginning Spanish

Grade Level(s): 6-8th

In this course, students take a virtual tour of Spain. Of course, the visit will be more enjoyable if the students know what the people around them are saying. No need to worry—this course provides basic vocabulary, keeps students from getting lost, and helps them make some new Spanish friends. Students learn to ask for directions, order food in a restaurant, and talk about the weather, all without being embarrassed by their accents. New words and phrases are introduced with text, pictures, and audio clips that demonstrate proper pronunciation. Students acquire skills to read, write, and speak basic Spanish. Students also learn the basic Spanish grammar that will make their sentences come out right. Don't leave home without MJ Spanish Beginning. This course gives students the ability to enjoy their trip to Spain and to soak up some of the local culture during their virtual tour.

Duration: 2 semesters

Beginning Spanish A

Beginning Spanish B



Intermediate Spanish

Grade Level(s): 6-8th

For this course, our student traveler, Cristina, will be taking you on a journey to Spain, Puerto Rico, Colombia, and Argentina. She will share her experiences with you as she learns about the different cultures of each of these Spanish speaking countries. As you explore each country with Cristina, you will learn how to speak Spanish in many practical and useful situations that will apply to your everyday environment. You will learn how to greet people, introduce yourself, speak about your family, your home, food, sports, weather and your likes and dislikes. New words and phrases will be introduced with pictures, audio clips, videos, and examples. You will learn basic Spanish grammar to help you form sentences correctly, build your fluency, and provide you with a more thorough understanding of the Spanish language. There will be many opportunities to practice what you learn through interactive activities in the form of games and written, listening, and speaking exercises. Learning about other cultures and appreciating their differences is also an important part of this course. You will learn about foods, shopping patterns, meal times, music, homes, and celebrations in different Spanish speaking countries. As you explore with Cristina, you will begin to appreciate and understand the diversity of the Spanish speaking world. Enjoy your journey with Cristina and share your experiences and everything you learn with your family and friends!

Duration: 2 semesters

Intermediate Spanish A

Intermediate Spanish B

Visual & Performing Arts

Dance

Grade Level(s): 6-8th

Students engage in age-appropriate activities modified accordingly for their individual skill level. A course outline provides a detailed course description with competencies listed to facilitate the creation of an individual plan. Students taking dance are often involved in local classes in their community, and some are developing their skills as professional dancers. However, students can also opt to identify key skills to develop, align these goals with the course competencies, and have these activities documented for their middle school transcript. Students are expected to develop competencies over the course of grades 6th through 8th, with up to two semesters per academic year.

Duration: 2 semesters

- Dance 6 A
- Dance 6 B
- Dance 7 A
- Dance 7 B
- Dance 8 A
- Dance 8 B



Music

Grade Level(s): 6-8th

Students engage in age-appropriate activities modified accordingly for their individual skill level. A course outline provides a detailed course description with competencies listed to facilitate the creation of an individual plan. Students taking music are often involved in local classes in their community, and some are developing their skills as professional musicians. However, students can also opt to identify key skills to develop, align these goals with the course competencies, and have these activities documented for their middle school transcript. Students are expected to develop competencies over the course of grades 6th through 8th, with up to two semesters per academic year.

Duration: 2 semesters

- Music 6 A
- Music 6 B
- Music 7 A
- Music 7 B
- Music 8 A
- Music 8 B



Visual Arts

Grade Level(s): 6-8th

Students engage in age-appropriate activities modified accordingly for their individual skill level. A course outline provides a detailed course description with competencies listed to facilitate the creation of an individual plan. Students taking visual arts are often involved in local classes in their community, and some are developing their skills as professional artists. However, students can also opt to identify key skills to develop, align these goals with the course competencies, and have these activities documented for their middle school transcript. Students are expected to develop competencies over the course of grades 6th through 8th, with up to two semesters per academic year.

Duration: 2 semesters

Visual Arts 6 A
Visual Arts 6 B
Visual Arts 7 A
Visual Arts 7 B
Visual Arts 8 A
Visual Arts 8 B



Theater

Grade Level(s): 6-8th

Students engage in age-appropriate activities modified accordingly for their individual skill level. A course outline provides a detailed course description with competencies listed to facilitate the creation of an individual plan. Students taking theater are often involved in local classes in their community, and some are developing their skills as professionals. However, students can also opt to identify key skills to develop, align these goals with the course competencies, and have these activities documented for their middle school transcript. Students are expected to develop competencies over the course of grades 6th-8th, with up to two semesters per academic year.

Duration: 2 semesters

Theater 6 A
Theater 6 B
Theater 7 A
Theater 7 B
Theater 8 A
Theater 8 B

Digital Art & Design

Grade Level(s): 6-8th

There are so many different types of art in this world fine art, classical art, visual art- but the impact of digital art and design is all around us, often in ways that you probably aren't even aware of! After taking digital Art and Design, you'll enjoy a deeper understanding and appreciation for all things digital as you explore this special genre of art found in everything from advertising to animation to photography and beyond. In this course, you'll learn about the evolution of art, the basic principles of art and design, and the role of art in politics and society. Additionally, you will actually create your own digital art and make it come alive. Give your creative side a boost with this course.

Duration: 1 semester

Digital Art & Design

Art

Grade Level(s): 6-8th

Students taking an integrated approach to art can include both visual and performing arts. Performing arts can include music, theater, dance, or other forms of performance. Students engage in age-appropriate activities modified accordingly for their individual skill level. A course outline provides a detailed course description with competencies listed to facilitate the creation of an individual plan. Students taking art are often involved in local classes in their community, and some are developing their skills as professional artists. However, students can also opt to identify key skills to develop, align these goals with the course competencies, and have these activities documented for their middle school transcript. Students are expected to develop competencies over the course of grades 6th through 8th, with up to two semesters per academic year.

Duration: 2 semesters

Art 6 A
Art 6 B
Art 7 A
Art 7 B
Art 8 A
Art 8 B



2D Studio Art

Grade Level(s): 6-8th

Close your eyes and imagine you're standing in an art studio-the smell of paint, the heat of the kiln, and the infinite creative possibilities that linger in the air. This is where art is born, and in 2D Studio Art, you'll learn how to bring your art visions to life. Whatever medium you prefer- painting, drawing, photography- this course will teach you the design elements and principles needed to create a work of art, explore your artistic inspirations, travel back in time to look at art in different cultures, and gain insight about the art of critiquing. If you've ever dreamed about making a living as an artist, this course will give you the tools and background that you need to turn those dreams into a reality.

Duration: 1 semester

2D Studio Art

Exploring Music

Grade Level(s): 6-8th

What comes to mind when you hear the word music? Do you think about your favorite band or artist? Do you think about instruments and scales and chords? The word music means something different to everyone. This is why in Exploring Music there is a little bit of something for everyone! You will learn about how we hear music and how music affects our lives. You will explore important elements of music like rhythm, pitch, and harmony, as well as different musical genres. You will discover more about your singing voice and musical instruments and composition while taking in the history and culture of music over the years. Tune up your understanding and appreciation for all things music by signing up for this course.

Duration: 1 semester

Exploring Music

Photography

Grade Level(s): 6-8th

What do you think makes a photograph great? Do you want to take fun, interesting photographs of people, places, and pets to post for you friends or hang on your wall? Photo images are everywhere today. Sometimes we see hundreds in one day. But it's obvious that not all photographs are the same-some are definitely cooler than others. In Middle School Photography: Drawing with light, you'll learn how to take those excellent, jaw-Photographs that you see in magazines and on your favorite social media sites. You'll learn the basics of using a camera and how to avoid common photography mistakes. Once you get the hang of this process, you'll be taking photos that will amaze your friends and have them wondering how you do it.

Duration: 1 semester

Photography



Health & Physical Education

Health/PE

Grade Level(s): 6-8th

Students demonstrate the motor skills and movement patterns needed to perform a variety of physical activities. They demonstrate knowledge of movement concepts, principles, and strategies that apply to the learning and performance of physical activities. Students assess and maintain a level of physical fitness to improve health and performance. Students demonstrate knowledge of physical fitness concepts, principles, and strategies to improve health and performance. Finally, students demonstrate and utilize knowledge of psychological and sociological concepts, principles, and strategies that apply to the learning and performance of physical activity.

Duration: 2 semesters

Health/PE 6 A
Health/PE 6 B
Health/PE 7 A
Health/PE 7 B
Health/PE 8 A
Health/PE 8 B



Career Technical Education

Keyboarding

Grade Level(s): 6-8th

Students learn proper finger placement and engage in systematic instruction to build both accuracy and speed. Instruction is customized to student skill level and learning preferences, continuously increasing fluency and efficiency in typing skills.

Duration: 2 semesters

Keyboarding 6 A
Keyboarding 6 B
Keyboarding 7 A
Keyboarding 7 B
Keyboarding 8 A
Keyboarding 8 B

Career Exploration I

Grade Level(s): 6-8th

How many times have you heard, “What do you want to be when you grow up?” When you close your eyes and picture yourself in the future, what do you see? Police officer? Doctor? Farmer? Pilot? Teacher? Really, the possibilities are endless. And with so many careers to pick from, it can be confusing knowing where to start your search. In Middle School Career Exploration, you will have the chance to explore more than 15 different career areas including energy fields, human resources, the law, transportation, and more. Discover which careers you might enjoy the most.

Duration: 1 semester

Career Exploration I



Career Exploration II

Grade Level(s) 6-8th

Imagine that it's 20 years from now. What career do you see yourself in? What do you imagine that you'll be doing? Will you be fighting forest fires or engineering the next rocket into space? With all the careers available, it can be difficult to narrow them down. In Middle School Career Explorations 2 we'll explore more careers and what they take to succeed. You'll learn more about what steps are needed to prepare for your career and how to compare the pros and cons of different career choices. Finally, you'll get the chance to try out parts of different careers.

Duration: 1 semester

Career Exploration II

Coding I

Grade Level(s) 6-8th

In Coding I, you will learn all about the technology you use in your day-to-day life as well as explore how the internet functions. Get an introduction to the basics of computer science and discover how to create and build your very own website using HTML and CSS. You'll also become familiar with programming languages like JavaScript and Python Programming. Students will also analyze the differences between web development and web application development. You will leave the course with your very own portfolio of work that will showcase your skills and all that you've created.

Duration: 2 semester

Coding I A
Coding I B

Game Design I

Grade Level(s) 6-8th

Learn how to build a game from the ground up in Game Design I, an interactive and hands-on course that will teach you all the ins and outs of making your own game. You will learn the importance of game structure and discover what makes a game fun, challenging, and interesting to players just like you. You will also have the opportunity to explore the design and creative process involved in game creation, learn block-based programs, and experiment with character and story development. Delving into the development process, students will create details and add component pieces in a game while learning to prototype, troubleshoot, and test. Additionally, exploring how to critique a game and advertise it will strengthen the student's ability to create a fully functioning game from start to finish. As a bonus, you will leave the course with a digital portfolio of everything you created in class.

Duration: 2 semester

Game Design I A
Game Design I B

Technology Literacy

Grade Level(s): 6-8th

Students will be able to use a computer and its peripherals to complete tasks. They will develop word processing skills, create electronic presentations, create and use databases, and created and use spreadsheets. Students will gain Internet skills including browsing, searching, emailing, researching, and presenting. They will learn and demonstrate basic Internet safety and ethics while engaging in various forms of Online communication.

Students are strongly encouraged to either take each semester of this sequence or to otherwise master the concepts covered in this class. These skills are strongly aligned to academic success as well as being able to function well in a work environment involving even the basic levels of technology.

Credit cannot be granted for both MS Technology Literacy and Computer Fundamentals.

Duration: 2 semesters

Technology Literacy A
Technology Literacy B

Personalized Course Offerings

Personalized Courses

The Personalized Course option allows a student to explore a personal, academic, or career interest area that is not currently offered by the course catalog. The course results in an elective credit.

A Personalized Course must be pre-approved by the student's PEC and the instructor who will be overseeing the course. The student submits a proposal, uses feedback to refine it, and then completes the course as described in the approved proposal. Changes made mid-course must be pre-approved.

Each semester of a Personalized Course must comprise approximately 75 hours of learning and activities. This time can include both the learning and demonstration of the learning. reading, researching, completing projects, and other activities related to the class can be counted toward this expected time requirement.

Custom Courses

No matter how extensive the catalog offerings, sometimes a student needs a specialty course not currently provided. When a Personalized Course will not serve this need, another option is available: A Custom Course.

A Custom Course is created by an instructional design team and placed into the learning management system (LMS). The school also obtains the necessary curriculum and makes that available through the LMS. Custom Courses need to be requested in advance to allow time for the design process to take place. Wait time can vary depending on current design projects and whether timelines can be adjusted. A Custom Course request is not guaranteed to be accepted, but all requests are considered with an eagerness to accommodate. Due to the costs associated with creating a Custom Course, additional fees apply.