

Clonlara School Online Program 2018—2019



Middle School Online Course Catalog
Teacher Supported





Welcome to Clonlara School Online Program

Welcome to Clonlara's Online Program for Middle School students in 5th through 8th grade.

The Clonlara Online Program difference:

- ◇ An individual advisor for each student
- ◇ A teacher for each course
- ◇ Self paced, flexible learning

Clonlara School was founded in 1967 by Pat Montgomery to support students who were looking for an alternative approach to learning. Clonlara School is fully accredited, with a Campus School in Ann Arbor, MI, a worldwide Off-Campus Program, and an online curriculum program for grades 5 through 12.

Clonlara School recognizes that students learn in many different ways. We celebrate and fully support every student's unique learning styles, talents, and strengths. Clonlara School Online Program students will have an individualized curriculum, opportunities to create their own learning, and to work whenever and wherever it fits their schedule.

The program is designed to be accessed 24/7. You work at your own pace and according to the time you have available. There are no deadlines or any requirements to log in at certain times of the day. Clonlara's Online Program is completely flexible and can fit around the busy schedules that many athletes, musicians, and dancers have.

Students will have up to a whole calendar year to complete a course from the time they first log into their course. Each course is teacher supported by highly qualified, experienced certified teachers.

You will work alongside your teachers and they will give you ongoing feedback and help as needed. Your teacher will grade your coursework.

Each online student is assigned a Clonlara Educational Advisor who will help throughout the entire time of enrollment. The Advisor will help you plan and select courses, identify your short term and long term goals, design your own learning, suggest resources for the self designed courses and help with middle school course planning. Your teacher and Clonlara Advisor will be available to you during your enrollment and will respond to you within 2 business days after contact.

Fulltime enrollment gives each student the ability to complete five year-long online courses and at least one self designed course with the aid of an Advisor. Each student will complete at least one self designed course per school year to further explore their own talents and interests.

Our students are joined together by a deep appreciation for lifelong learning, and the confidence that comes from knowing that they participated purposely and eagerly in their own educations.

Questions?

If you are an enrolled student, please speak with your Clonlara Advisor for more detailed information on your options for taking individual courses from this catalog

If you are a prospective student, please call us at (734) 769-4511 and ask to speak with an Enrollment Associate.

Part time enrollment gives a student the ability to enroll in the Off-Campus Program on a full time or part time basis, and then pay for individual courses or a whole semester's course load to fit their interests and needs.

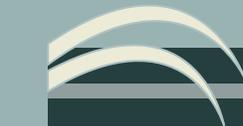
We hope you enjoy looking at the course offerings in this course catalog! We are very excited to be able to provide this program to students. We believe that the support of both a Clonlara Advisor and teachers knowledgeable in their subject area will assure the success of our students.

We hope you will contact us anytime, to enroll, to ask questions, or to make suggestions!

Enjoy!

Clonlara School is welcoming: We do not discriminate on the basis of race, religion, color, gender, nationality or ethnic origin in administration of our educational and admissions policies.





5th Grade Courses

English 5

2 semesters

This course provides a solid foundation in spelling, vocabulary, grammar, literature and composition. At the same time, it introduces strategies for improving comprehension and organizational study skills and focuses on the classics of literature.

Math 5

2 semesters

In this course students will review the various mathematical operations and properties; write and solve algebraic equations, expressions and patterns; work with fractions, decimals, ratios and percentages; study geometry and measurements; learn to use integers and number lines; graph data; answer probability questions; and put their math skills to practical use by constructing and solving a wide variety of word problems.

Science 5

2 semesters

5th Grade Science introduces a wide array of topics from cell structures to planets. Throughout the year, students will learn to think and act like scientists. Not only will students learn about many of life's wonders, but they will also get the chance to learn about some influential scientists of today. This course is driven by investigation, and students will have many opportunities to design and implement their own experiments. These investigations will aid in comprehension and will give students the chance to explore science as opposed to only reading about the concepts. Weekly assignments may include reading from the textbook, answering questions, or conducting an experiment.

History 5 —U.S. History (Early Years)

2 semesters

This course begins with the geography of America. It continues with a study of the First Americans and their early tribal societies and civilizations. It continues with the first European explorers and their interactions with native peoples. The heart of the course focuses on the transition from a British colony to an independent nation based on the Declaration of Independence and the U.S. Constitution. The course also covers the Civil War and industrialization. The course concludes with chapters on immigration and the United States today.

5th Grade Health & Physical Education Portfolio

2 semesters

The 5th Grade Health & Physical Education Portfolio combines a semester of PE with a semester of Health, all in a fun, online workbook format. Students choose their own physical education activities while completing worksheets on the human body. Some of the health topics covered include: feelings, abuse, first aid, childhood diseases, illness prevention, drugs and the body, non-sports fitness, sports safety, vision and dental care. *Note: this course may be required for state health curriculum standards.*



6th Grade Courses

English 6

2 semesters

This course is divided into six units, each introduced and guided by award-winning contemporary authors who present students with literary concepts and discuss different writing processes using their own works as models. At the end of each unit, a Milestone Lesson is given to assess students' comprehension, literary analysis skills and proper grammar usage.

Math 6

2 semesters

This course is designed to provide students with a pedagogically sound math program. Each lesson is designed so that students have multiple opportunities to practice the concepts and skills introduced. Students will enjoy the many extra resources suggested throughout the course, which provide them with multiple methods of learning the concepts. Topics covered include decimals, fractions, geometry, equations, proportions, measurement and data analysis. Overall, this program will foster independent thinking and problem solving and will prepare students for Pre-Algebra.

Science 6

2 semesters

Grade 6 Science offers six modules covering key life, earth, and physical science topics, plus one on science and technology careers. Units include: Science, Technology, and Engineering; Earth's Resources; Cells; Earth's Organisms; Energy and Motion; and Matter.

History 6—Ancient Civilizations

2 semesters

Students will discover the places where ancient civilizations began, how geography influenced early cultures, and how early cultures have helped shape the world today. Some of the main places students will study are Mesoamerica, Rome, Greece, China, India, Eastern Mediterranean, Mesopotamia, Egypt and Kush. These are key places where ancient peoples created the first complex societies, cities, governments, and empires.

6th Grade Health & Physical Education

Portfolio

2 semesters

The 6th Grade Health & Physical Education Portfolio combines a semester of PE with a semester of Health, all in a fun, online workbook format. Students choose their own physical education activities while completing activities about health. Some of the health topics include: puberty, HIV-AIDS, exercise, nutrition, dental health, preventing and treating injuries, sun (burns, cancer), bites and stings, safety, poison prevention and evaluating reliable health information on the Internet. *Note: this course may be required for state health curriculum standards*

7th Grade Courses

English 7

2 semesters

This course is divided into six units, each introduced and guided by award-winning contemporary authors who present students with literary concepts, and discuss different writing processes using their own works as models. At the end of each unit, a Milestone Lesson is given to assess students' comprehension, literary analysis skills, and proper grammar usage.

Math 7

2 semesters

This online course provides students with a solid preparation for algebra and geometry. Students will build on previously developed arithmetic skills to expand their algebraic thinking skills. Students will cover topics including solving equations and inequalities containing fractions and decimals, ratios, linear functions, graphing, spatial thinking, finding area and volume of geometric figures, and right triangles. The interactive text also provides numerous opportunities to assess basic skills along with abundant remediation and intervention activities throughout the course. Students benefit from the use of the online textbook which provides videos, practice activities, and self-check quizzes that give students immediate feedback. Students will also utilize many online resources, which will help to solidify the concepts covered throughout the course. This is a comprehensive program that will provide students with a solid foundation for higher-level math courses.

Science 7

2 semesters

Students will be involved from the first to the last minute of every lesson in an interactive magazine-style student edition that matches the way today's students learn best. The student centered approach features learning science concepts and vocabulary, building inquiry, STEM and 21st century skills, while incorporating math and writing into each lesson. Students will work through the following eight units: Science, Technology, and Engineering; Earth's Water; Earth's Atmosphere; Weather and Climate; the Earth-Moon-Sun System; Earth's Biomes and Ecosystems; Properties of Matter; and Energy.

History 7—World History

2 semesters

Dynamic changes occurred throughout the world from 400 to 1800. The course addresses those changes through study of the geography, culture, economics, governing structures, belief systems and scientific discoveries of the times. Each chapter begins with a story out of the civilization's culture, and study continues with readings of primary source material, graphs and maps, time lines along with an excellent textbook which reinforces reading comprehension and key test-taking skills.

7th Grade Health & Physical Education Portfolio

2 semesters

The 7th Grade Integrated Health & Physical Education Portfolio combines a semester of PE with a semester of Health, all in a fun, online workbook format. Students choose their own physical education activities while completing lessons and activities about health. Health topics include: human senses, systems of the body and proper care of the growing body.

8th Grade Courses

English 8th

2 semesters

8th grade English is a literature-based language arts course. English language skills are taught in context through the study of works by award-winning authors such as Ray Bradbury and Gary Soto. The course contains six genre units: Fiction and nonfiction, short stories, types of nonfiction, poetry, drama, and themes in American literature. Each unit is introduced by an author, whose experience and talent guide students into a deeper appreciation and understanding as they read, write, and explore the possibilities of the genre. Built in benchmarks guarantee standards mastery and learning success. The online version uses an E-textbook, as well as links to vocabulary exercises and biographical videos of the authors.

Math 8—Pre-Algebra

2 semesters

This online course provides students with a solid preparation for algebra and geometry. Students will build on previously developed arithmetic skills to expand their algebraic thinking skills. Students will cover topics including solving equations and inequalities containing fractions and decimals, ratios, linear functions, graphing, spatial thinking, finding area and volume of geometric figures, and right triangles. The interactive text also provides numerous opportunities to assess basic skills along with abundant remediation and intervention activities throughout the course. Students benefit from the use of the online textbook which provides videos, practice activities, and self-check quizzes that give students immediate feedback. Students will also utilize many online resources, which will help to solidify the concepts covered throughout the course. This is a comprehensive program that will provide students with a solid foundation for higher-level math courses. This course is considered 7th or 8th Grade by different States.

Science 8

2 semesters

Students will be involved from the first to the last minute of every lesson in an interactive magazine-style student edition that matches the way today's students learn best. The student centered approach features learning science concepts and vocabulary, building inquiry, STEM and 21st century skills, while incorporating math and writing into each lesson. Students will work through the following seven units: Science, Technology, and Engineering; Earth's Surface; the Restless Earth; Earth's History; Reproduction and Heredity; Life Over Time; Forces and Motion.

History 8—United States History

2 semesters

This course focuses on the political, cultural and social, development of the United States. The course begins with a brief review of early exploration and settlement, beginning with the prehistoric migration of Asiatic tribes, and concluding with the arrival of European settlers. The English colonies are investigated through their interactions with Native Americans, their English rulers and other economic trading partners. Conflicts with Britain and Enlightenment ideas lead to the American Revolution, and the course examines both the broader implications of the war on the United States and the pivotal events and people involved. Independence leads to an examination of the U.S. Constitution and the Bill of Rights. Western expansion, beginning with the Lewis & Clark expedition, is examined with a clear portrayal of the positive economic results it had on the country and the negative impact it had on Native American people and the environment. The course continues with the causes and results of the Civil War, immigration, industrialization, progressive reform, and foreign policy.

8th Grade Courses, continued

8th Grade Junior High Health

1 semester

This 18-week course covers a variety of topics within the areas of disease prevention, human growth and development, substance abuse prevention, nutrition and the importance of taking responsibility for one's health. The content of this course follows the areas of traditional health education, building a foundation for health in 9th – 12th grades. This course meets state standards and is based on the National Health Education standards. Note: This course includes education on drugs and alcohol, AIDS and sexuality, so that students can make informed, responsible decisions.

8th Grade Health & Physical Education Portfolio

2 semesters

Physical Education and Health Portfolio combines a semester of PE with a semester of health, all in a fun workbook format. Students choose their own physical education activities while studying the important health topics appropriate to the eighth grade.

Middle School Elective Courses

Foreign Languages

All languages available upon request.

Keyboarding

2 semesters

This course follows a traditional keyboarding curriculum that is designed for middle school students. The curriculum content is current and updated regularly and is customized to meet the interests of today's students, making the typing experience fun and engaging for all.

Middle School Fitness

1 semester

Are you physically fit? What does being fit mean to you? Physical fitness is a lot more than just a number on a scale – and that's exactly what you'll learn in this course! This course will help you understand the basics behind what it means to be physically fit; allow you to gain a deeper understanding about how your body functions; learn the complex science behind exercise; explore what it means to be mindful and what inspires you; and determine how you can test your current level of fitness. Being and staying physically fit is a lifelong endeavor and, just like human beings, there are many complexities involved! Learning about and improving your physical fitness is a smart choice to make at any age – and by signing up for this course, you will be doing exactly that! Consider this course to be the first step on your exciting journey to understanding and improving your physical fitness.



Middle School Elective Courses, continued

Photography

1 semester

What do you think makes a photograph great? Do you want to take fun, interesting photographs of people, places, and pets to post for your 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-dropping 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.

2D Studio Art

1 semester

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.

Digital Art & Design

1 semester

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 Digital Art and Design course.

Exploring Music

1 semester

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.



Middle School Elective Courses, continued

Coding 1a

1 semester

Do you find yourself wondering how your favorite apps, websites, and games were made? Maybe you want to try building your own. Well, now you can! In Middle School Coding 1a, 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. You will leave the course with your very own portfolio of work that will showcase your skills and all that you've created.

Coding 1b

1 semester

Building on the prior prerequisite course, students will expand their knowledge of programming languages and web development by further exploring Advanced Python, HTML, and JavaScript. Students will also analyze the differences between web development and web application development, while growing their portfolios, which highlight everything learned and created in the course.

Game Design 1a

1 semester

We all love to play video games – but have you ever wanted to build your own? If you are interested in a career in technology but also want a creative outlet, Game Design might be the field for you. Learn how to build a game from the ground up in Middle School Game Design 1, 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. As a bonus, you will leave the course with a digital portfolio of everything you created in class.

Game Design 1b

1 semester

Building upon the prior prerequisite course, students will further advance their knowledge of game design by taking this course. 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.



Middle School Elective Courses, continued

Career Exploration I

1 semester

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 and which ones you’ll be best at.

Career Exploration II

1 semester

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 takes 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 to see if you’re a perfect fit.

Journalism

1 semester

Are you someone who likes to get the story straight? Do you always want to know more? Who? What? When? Where? How? These are the details that make for a great story. Knowing how to find these key facts and then write them up in a way that makes it easy for others to read about it is the skill of a true journalist. In Middle School Journalism: Tell Your Story, you’ll learn how ask the right questions, look for the details, and find the story in any situation. You’ll learn how to gather information effectively, organize ideas, format stories for media production, and edit your articles. Get ready to break that news.

