


# Clonlara School Online Program

## 2015—2016



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 Home Based Education 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 four 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 Home Based Education 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 5/6

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. This course is considered 5th Grade or 6th Grade by different states.

### 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 6/7

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. This course is considered 6th Grade or 7th Grade by different states.

### Science 6—Earth Science

2 semesters

Earth Science explores the systems of Earth, and how those systems function as an integrated whole. Topics include rocks, minerals and soil; erosion; earthquakes and volcanoes; weather and climate, ecosystems and energy. The course contains a combination of reading, review questions, research, experiments, projects and tests.

## Environmental Science Kids4Earth

2 semesters

The Environmental Science Program, Kids4Earth, offers students opportunities to learn about, and to take action on, a wide range of environmental issues in order to become productive, environmentally-minded citizens. During this course, students will learn that they can and do make a difference through their actions. They will receive practical advice for enhancing the environment from the laureates, and they will be offered numerous cross-cultural and leadership opportunities in the form of Eco-Activities that protect, preserve, and support the environment. Students will be introduced to fascinating information about our planet and the myriad of life forms that call it home. The first semester focuses on the living earth, terrestrial and aquatic. The second semester focuses on life at home in the universe, the history of life on earth, the geological time scale, great turning points in earth history, atmospheric history, and mass extinctions. Endorsed by The United Nations Environment Programme, Kids4Earth is aligned to National NAAEE Standards for environmental education for Grades 5-8 and the California Life Science Standards for 7th Grade.

## 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—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 Grade or 8th Grade by different states.

## Science 7—Life Science

2 semesters

Life Science covers a broad range of subject matter. Students study the scientific method; properties of light; cell structure, function, processes, and energy; genetics and heredity; agricultural technology and genetic engineering; evolution and classification of organisms; geology, plate tectonics, seismology and geotechnical engineering; viruses, bacteria, protists and fungi; the structure and function of plants; fossil fuels; invertebrates; vertebrates; and the structure and function of the human body, including the skeletal and muscular systems, circulation and respiration, the nervous system, the endocrine system, human reproduction, and the long-term effects of drug and alcohol abuse.

The course contains a combination of reading, review questions, research, experiments, projects, and tests. It is a challenging and thorough course.

### **Environmental Science Kids4Earth**

*2 semesters*

This course offers students opportunities to learn about, and to take action on, a wide range of environmental issues in order to become productive, environmentally-minded citizens. During this course, students will learn that they can and do make a difference through their actions. They will receive practical advice for enhancing the environment and they will be offered numerous cross-cultural and leadership opportunities in the form of Eco-Activities that protect, preserve, and support the environment. Students will be introduced to fascinating information about our planet and the myriad of life forms that call it home. The first semester focuses on the living earth, terrestrial and aquatic. The second semester focuses on life at home in the universe, the history of life on earth, the geological time scale, great turning points in earth history, atmospheric history, and mass extinctions. Throughout the course students will discover the many ways they can establish a positive way into the future through ecological designs, protection of life on earth, and stewardship of the atmosphere, oceans, and ecosystems. Endorsed by The United Nations Environment Programme, Kids4Earth is aligned to National NAAEE Standards for environmental education for Grades 5-8 and the California Life Science Standards for 7th Grade.

### **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—Physical Science**

*2 semesters*

In this online course, students will learn about physical science, which encompasses a broad range of phenomena, generally focusing on nonliving things. How does a ball bounce? Is yeast alive or not? Which way do comet tails point? Can you make a shadow disappear?



What happens when you breathe on a mirror? Can water and oil mix? What makes an object move in a circle? These are only a few questions to which students will be learning the answers.

## 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 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.

## Additional Middle School Courses

### Integrated Science 6th-8th grade

2 semesters

Integrated Science introduces students to the world of science as it relates to such topics as hurricanes, weather stations, lasers, magnets, hummingbirds, polar bears and botanical gardens. The course contains hands-on activities and experiments.

### Intro to the Internet 7th-8th grade

1 semester

This 18-week course gives students a basic understanding of how to navigate and search for information on the Web. After taking this course, the Internet will be a familiar resource tool for research and explorations.

*Other available courses include:*

Keyboarding 1

Career Exploration

Journalism

Photography

Foreign Languages—French, Spanish, German, Latin, Chinese

