

Middle School Course of Study 2024-2025

Curriculum and Instruction



OLETANGY SCHOOLSSM
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OLENTANGY COURSE OF STUDY FOR 6TH-GRADE

Core Courses

Integrated English

Mathematics

Science

Social Studies

Unified Arts Courses

Physical
Education

Health

Visual Art

Academic Lab

Technology

Music Electives (optional; if selected, choose up to 2)

Choir

Strings

Band

OLENTANGY COURSE OF STUDY FOR 7TH-GRADE

Core Courses

Integrated English

Mathematics

Science

Social Studies

Unified Arts Courses

Physical
Education

Family and
Consumer
Science

World
Languages

Technology

Unified Arts Electives (selections total 36 weeks)

Health

Choir

Strings

Band

Visual Art

Physical Education

OLENTANGY COURSE OF STUDY FOR 8TH-GRADE

Core Courses

Integrated English

Mathematics

Science

Social Studies

Unified Arts Courses (Selections must total 72 weeks)

Physical
Education

World
Languages

Visual Art

Family
Consumer
Science

Technology

Health

Choir

Strings

Band

INTEGRATED ENGLISH, GRADES 6-8

The Integrated English curriculum, grades 6-8, is largely related to the Ohio Department of Education's [Learning Standards for English Language Arts \(ELA\)](#). Taken together, the K-12 ELA learning standards describe the fundamental capacities of college and career-ready students in speaking, listening, reading, and writing. Broadly speaking, students in grades 6-8 are becoming adept at the comprehension and critique of text, using technology and media in written communication, identifying and evaluating the quality of evidence, knowing and appreciating multiple perspectives on an issue or topic, and independently reading, writing, and comprehending a range of complex texts.

Integrated English 6

Description: This class emphasizes the skills of reading a range of texts (e.g., non-fiction, fiction, multi-media) and explores strategies to produce high-quality interpretations. Students strengthen skills of effective communication, such as, using a process approach to writing and employing effective oral communication skills.

[Link to OLSD Blueprint](#)

Integrated English 7

Description: This class deepens the knowledge and skills of interpreting text, with an emphasis on author's craft, language, point of views, and structure. Students learn the skills of effective communication, including the role of researching, using, and evaluating quality evidence to write non-fiction texts and to support claims on a topic or issue.

[Link to OLSD Blueprint](#)

Integrated English 8

Description: This class emphasizes the analysis of evidence in order to evaluate the quality and validity of a text. Students conduct research with multiple sources and deepen their skills of synthesis and writing for specific purposes. The skills of argument writing are explored and practiced.

[Link to OLSD Blueprint](#)

MATHEMATICS, GRADES 6-8

The Mathematics curriculum, grades 6-8, is related to the Ohio Department of Education's [Learning Standards for Mathematics](#). The K-12 Mathematics Learning Standards describe the fundamental capacities of college and career-ready students in mathematical understanding. Broadly speaking, students in grades 6-8 are becoming adept at the processes and proficiencies of mathematical learning, which include but are not limited to the skills of problem-solving, reasoning, and procedural fluency and the knowledge of mathematical concepts, operations, and relations. Students also gain ground in developing productive beliefs and dispositions about mathematics (e.g., mathematics as a useful tool and a belief in one's own efficacy).

Mathematics 6

Description: This class emphasizes the skills of solving equations and simplifying expressions. Students strengthen skills of and knowledge related to: data analysis, real world mathematical problems, ratios, and the relationship between operations, and geometric problem solving.

[Link to OLSD Blueprint](#)

Mathematics 7 Mathematics 7/8

Math 7: This class deepens the knowledge and skills of solving equations and simplifying expressions, with an emphasis on the ways operations and relationships vary. Students learn the skills of data collection and analysis and explore data displays, representations, and predictive qualities.

Math 7 and 8: This class is an accelerated class that includes both math 7 and math 8 content. Students take the Math 7 Ohio State Test. Each middle school building communicates the requirements for the accelerated class.

[Link to OLSD Blueprint](#)

Mathematics 8/ Algebra I

Mathematics 8: This class explores: how functional relationships can be expressed in real contexts, graphs, algebraic equations, tables, and word.s. There's also a focus on different sets of data and multi-step equations.

Algebra I: Topics such as functions and solving equations are prominent in Algebra I. This course generates high school credit. Please NOTE: Algebra I is a pre-requisite to Geometry.

[Link to OLSD Blueprint](#)

SCIENCE, GRADES 6-8

The Science curriculum, grades 6-8, reflects the Ohio [Department of Education's Learning Standards for Science](#). Taken together, the K-12 Science learning standards describe the fundamental capacities of college and career-ready students in scientific inquiry and scientific ways of knowing. Broadly speaking, students in grades 6-8 are becoming adept at asking questions as part of an inquiry process, collecting and analyzing data, and carrying out investigations, and composing scientific explanations.

Science 6

Description: This class emphasizes the skills of inquiry and the processes behind thinking like a scientist. Cell biology, matter and motion, and minerals, rocks, and soils are some topics of the course. communication skills.

[Link to OLSD Blueprint](#)

Science 7

Description: This class has a focus on energy in physical science and as it relates to and helps to define earth and space science. Some topics include: the hydrologic cycle, atmospheric conditions, global climate patterns, and the solar system.

[Link to OLSD Blueprint](#)

Science 8

Description: This class emphasizes earth science and the study of how the processes that shape earth today also shaped earth in the past. The class also prepares students in physical and life science concepts, such as genetics and forces. The inquiry process and thinking like a scientist are also emphasized.

[Link to OLSD Blueprint](#)

SOCIAL STUDIES, GRADES 6-8

The Social Studies curriculum, grades 6-8, is related to the Ohio Department of Education's [Learning Standards for Social Studies](#). The K-12 Social Studies learning standards describe the fundamental capacities of college and career-ready students in four, broad areas: economics, history, geography, and government. Broadly speaking, students in grades 6-8 are becoming adept at spatial, historical literacy, and civic participation skills, economic decision-making, and the knowledge of governments, rules, laws, and the transitions, migrations, and expansions that define historical knowledge.

Social Studies 6

Description: A major theme of this class is: Regions and People of the Eastern Hemisphere (Africa, Asia, Australia and Europe). The geographic focus includes the study of contemporary regional characteristics, the movement of people, products and ideas, and cultural diversity. Students develop their understanding of the role of consumers and the interaction of markets, resources and competition.

[Link to OLSD Blueprint](#)

Social Studies 7

Description: A major theme of this course is: World Studies from 750 B.C. to 1600 A.D.: Ancient Greece to the First Global Age. The class explores how historic 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.

[Link to OLSD Blueprint](#)

Social Studies 8

Description: A major theme of this course is: U.S. Studies from 1492 to 1877: Exploration through Reconstruction. The class explores the chronologic view of the development of the United States. Students examine how historic events are shaped by geographic, social, cultural, economic and political factors.

[Link to OLSD Blueprint](#)

MUSIC, GRADES 6-8

The middle school music program includes choice and overlap in experiencing and exploring different performing arts, including choir, band, and/or strings. The premise of the music program is to give students opportunities to explore an area or areas of the performing arts that may be of interest and to guide that exploration in deeper, focused ways than previous music experiences, fostering the capacity for continued success in the performing arts at the high school level.

Choir, 6-8

Description: Through the context of singing and voice, students express themselves through music, apply artistic and reasoning skills to refine choral works, work in groups to create and perform music, and evaluate and understand choral works of art.

[Link to OLSD Blueprint](#)

Band, 6-8

Description: Through the context of playing in a band and learning to play an instrument, students express themselves through music, apply artistic and reasoning skills to refine musical works, work in groups to create and perform music and evaluate and understand artworks.

[Link to OLSD Blueprint](#)

Strings, 6-8

Description: Within the context of orchestral performance, students express themselves through music, apply artistic and reasoning skills to refine musical works, work in groups to create and perform music and evaluate and understand artworks.

[Link to OLSD Blueprint](#)

TECHNOLOGY, GRADES 6-8

Technology

[Link to Technology Blueprint](#)

Technology 6

Description: Digital Exploration is about design thinking. Students will identify a challenge in their lives to solve and/or improve. Students learn and leverage various digital tools in the process. Ultimately, students draw on their creativity to communicate their solutions and ideas.

[Link to OLSD Blueprint](#)

Technology 7

Description - Digital Creation is a course that is about coding for the physical world, blending hardware and software development.

Technology 8 (options)

Digital Media 8 (6 weeks) – Students will create, publish, and present information using effective and appropriate media. Students will use intellectual property in an ethical/legal manner.

Video News (6, 12, or 18 weeks) – Students will develop skills necessary for effective school news production. Students will develop journalistic integrity and responsibility.

Computer Science n (6 weeks) – Students will develop basic skills to use computer code to solve problems.

Digital Innovation 8 (6 weeks) – Students will develop and apply problem solving strategies, demonstrate the nature of design, role of engineering, and role of assessment as they design a variety of games.

Productivity Skills (6 weeks) – Students will develop skills to conduct research and communicate information through the use of productivity tools. Students will dive deeper into Microsoft Office, Google Docs and Adobe.

Physical Education, GRADES 6-8

Physical Education

[Link to OLSD Blueprint](#)

Physical Education 6

Description: Individual fitness skill development and concepts of team sports are emphasized in the class. Enjoying physical activity as a means to wellness and a healthy life is a disposition that's encouraged.

Physical Education 7

Description: Sportsmanship in team sports is a focus of this class. In addition, skills of individual fitness and understanding team sports are explored and developed.

Physical Education 8

Description: This class builds on the exploration of the previous Physical Education curriculum, deepening the concepts and developing stronger skill sets in individual fitness and team sports. Tournament play is a new concept and skill that's emphasized.

HEALTH, GRADES 6-8

Health

[Link to OLSD Blueprint](#)

Health 6

Description: This class explores a range of personal safety and wellness, including reducing health risks, mental and emotional healthy, communication skills, and decision-making skills. **NOTE:** State-required topics now dictate some of the Health 6 curriculum.

Health 7

Description: This class explores a range of personal safety and wellness, including reducing health risks, mental and emotional healthy, communication skills, and decision-making skills. **NOTE:** State-required topics now determine some of the Health 7 curriculum.

Health 8

Description: This class builds on the exploration of the 6th-grade curriculum, deepening the concepts and developing stronger skill sets in personal decision-making, evaluating health and safety risks, and the development of action plans to engage in healthy living. **NOTE:** State-required topics now determine some of the Health 8 curriculum.

VISUAL ART, GRADES 6-8

VISUAL ART

[Link to OLSD Blueprint](#)

Visual Art 6

Description: Students will focus on the **exploration** of process, techniques and tools to create 2-D and 3-D works of art.

Visual Art 7 (options)

7th grade 2D Art

Students will have the opportunity to work with various artistic materials to **develop** two-dimensional skills.

7th grade 3D Art

Students will have the opportunity to work with various artistic materials to **develop** three-dimensional skills.

Visual Art 8 (Options)

8th grade Drawing

Students will **demonstrate their understanding** through a variety of 2D art techniques. Students will learn shading and drawing skills with various drawing materials.

8th grade Ceramics

Students will **demonstrate their understanding** of a variety of hand-building techniques.

8th grade Sculpture

Students will **demonstrate their understanding** of a variety of art techniques to manipulate 3-D materials.

8th grade Painting

Students will **demonstrate their understanding** of a variety of painting techniques.

WORLD LANGUAGES, GRADES 7-8

The World Languages program is an introduction to the three languages taught at the district - Spanish, French, and German. In grade 7, students explore all three; and, in grade 8, students choose one to study more deeply.

World Language 7

Description: Language experiences in French, Spanish, and German. The goal is to explore different languages before choosing one for more significant focus and study in grade 8 and beyond. Communication, culture, and connections are emphasized in the class.

[Link to OLSD Blueprint](#)

World Language 8

Description: An introductory course to either Spanish, French, or German. This is a level 1 language class that explores interpersonal language skills and the analysis of cultures. Vocabulary development is emphasized in the class. Note: Successful completion earns 1 high school credit.

[Link to OLSD Blueprint](#)

FAMILY/CONSUMER SCIENCE, GRADES 7-8

Family and Consumer Science

[Link to OLSD Blueprint](#)

Family Consumer Science 6 Academic Lab

Description: This class explores decision-making and communication skills and making healthy choices for relationships, character, physical and emotional wellness.

Family and Consumer Science 7 Life Skills

Description: This class explores decision-making and communication skills and making healthy choices for relationships, character, physical and emotional wellness.

Family and Consumer Science 8

Options include:

[Global Gourmet I](#)

[Global Gourmet II](#)

[Managing your Future](#)