

# Elementary School Course of Study

Curriculum and Instruction



**OLETANGY SCHOOLS**<sup>SM</sup>  
*Flourish Here.*

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# OLENTANGY COURSE OF STUDY FOR ELEMENTARY GRADES K-5

## Required Core Courses

English Language Arts

Mathematics

Science

Social Studies

Health

## Required Unified Arts Courses

Music

Visual Arts

Physical Education

Health



# ENGLISH LANGUAGE ARTS: GRADES K-2

Olentangy Local School District's (OLSD) K-5 English Language Arts Curriculum focuses on developing literacy skills in accordance with the [Ohio Department of Education's Learning Standards for English Language Arts](#). The OLSD Literacy Instructional Model is a comprehensive approach that consists of the following three components: reading, word study, and writing. The core of reading instruction provided is based on research and best practices that include the five essential components of reading instruction: phonics, phonemic awareness, fluency, vocabulary, and comprehension. Our goal is to inspire students to discover an excitement and passion for literacy and empower life-long learning. The following synthesizes important ideas and core processes central to English language arts that students should understand by the end of each grade level.

## Kindergarten

Kindergarten students will understand that:

- A reader uses a variety of strategies to make meaning from text
- There are many reasons to read and write
- Writing and conversation are ways to communicate thinking about what is being read

[Kindergarten OLSD  
ELA Curriculum Blueprint](#)

## First Grade

First Grade students will understand that:

- There are many purposes for reading
- A writer can clearly communicate ideas
- Correct strategies need to be chosen when reading and writing

[First Grade OLSD  
ELA Curriculum Blueprint](#)

## Second Grade

Second Grade students will understand that:

- There are many ways for a reader to communicate how their thinking has changed
- A reader uses a variety of strategies to make meaning from the text.
- The reason for writing changes the type of writing

[Second Grade OLSD  
ELA Curriculum Blueprint](#)



# ENGLISH LANGUAGE ARTS: GRADES 3-5

Olentangy Local School District's (OLSD) K-5 English Language Arts curriculum focuses on developing literacy skills in accordance with the [Ohio Department of Education's Learning Standards for English Language Arts \(ELA\)](#). The OLSD Literacy Instructional Model is a comprehensive approach that consists of the following three components: Reading, Word Study, and Writing. The core of the reading instruction provided is based on research and best practices that embody the five essential components of reading instruction: phonics, phonemic awareness, fluency, vocabulary, and comprehension. Our goal is to inspire students to discover an excitement and passion for literacy and empower life-long learning. The following synthesizes important ideas and core processes central to English language arts that students should understand by the end of each grade level.

## Third Grade

Third Grade students will understand that:

- Our purpose for reading influences how and what we read.
- When reading it is important to look for both stated and implied evidence.
- Our purpose for writing influences how and what we write.
- There are many ways to communicate ideas effectively
- Ideas should be communicated clearly

[Third Grade OLSD  
ELA Curriculum Blueprint](#)

## Fourth Grade

Fourth Grade students will understand that:

- Readers and writers use a variety of strategies to make meaning.
- Effective communication considers task, audience, and purpose
- Independence means self selecting the appropriate strategy to solve a problem or to communicate
- Connecting text to the real world improves understanding

[Fourth Grade OLSD  
ELA Curriculum Blueprint](#)

## Fifth Grade

Fifth Grade students will understand that:

- Wondering can lead to new understanding
- Our thinking should be fluid
- As new information is introduced, our understanding grows stronger or is altered based on the evidence presented
- My thinking is represented through my writing and discussion

[Fifth Grade OLSD  
ELA Curriculum Blueprint](#)



# MATHEMATICS: GRADES K-2

Olentangy Local School District's (OLSD) K-5 Mathematics Curriculum focuses on developing mathematical skills in accordance with the [Ohio Department of Education's Learning Standards for Mathematics](#). The OLSD Mathematics Instructional Model is a comprehensive approach that consists of the following four components: discourse, number sense, problem solving, and guided math. The foundation for our mathematics instructions is based on the five pillars of mathematical proficiency: conceptual understanding, procedural fluency, strategic competence, adaptive reasoning and productive disposition. Our goal is to provide students with opportunities, experiences and the skills they need to apply mathematical concepts to the world around them.. The following synthesizes important ideas and core processes central to mathematics that students in Grades K-2 should understand by the end of each grade level.

## Kindergarten

Kindergarten students will understand that:

- Math is all around us and used everyday
- A number represents a quantity
- There are many ways to represent a number
- There are many ways to solve a problem
- They can explain their math thinking

[Kindergarten OLSD  
Math Curriculum Blueprint](#)

## First Grade

First Grade students will understand that:

- There is math all around us and used everyday
- A number represents a quantity
- There are many ways to represent a number
- There are many ways to solve a problem
- Evidence can be provided to show an answer

[First Grade OLSD  
Math Curriculum Blueprint](#)

## Second Grade

Second Grade students will understand that:

- Being able to effectively use place value leads to efficient, accurate, and flexible use of strategies
- Mathematicians can provide an answer and explain why it makes sense

[Second Grade OLSD  
Math Curriculum Blueprint](#)



# MATHEMATICS: GRADES 3-5

Olentangy Local School District's (OLSD) K-5 Mathematics Curriculum focuses on developing mathematical skills in accordance with the [Ohio Department of Education's Learning Standards for Mathematics](#). The OLSD Mathematics Instructional Model is a comprehensive approach that consists of the following four components: discourse, number sense, problem solving, and guided math. The foundation for our mathematics instructions is based on the five pillars of mathematical proficiency: conceptual understanding, procedural fluency, strategic competence, adaptive reasoning and productive disposition. Our goal is to provide students with opportunities, experiences and the skills they need to apply mathematical concepts to the world around them. The following synthesizes important ideas and core processes central to mathematics that students in Grades 3-5 should understand by the end of each grade level.

## Third Grade

Third Grade students will understand that:

- Wondering can lead to new understanding
- Our thinking should be fluid as new information is introduced and our understanding grows stronger or is altered based on the evidence presented
- My thinking is represented through my writing and discussion

[Third Grade OLSD  
Math Curriculum Blueprint](#)

## Fourth Grade

Fourth Grade students will understand that:

- Mathematicians use a variety of strategies and tools to solve problems
- Clear communication of thinking involves using reasoning, mathematical vocabulary, and models
- Mathematical reasoning is part of daily life
- All mathematical operations and functions are related

[Fourth Grade OLSD  
Math Curriculum Blueprint](#)

## Fifth Grade

Fifth Grade students will understand that:

- Numbers in the base 10 system can be composed and decomposed
- Numbers follow predictable patterns
- Different situations call for different types of numbers and equivalent values can be expressed in multiple ways
- Calculations require correct procedures and tools
- Precision includes using accurate vocabulary, calculations, representations, and reasoning

[Fifth Grade OLSD  
Math Curriculum Blueprint](#)



# SCIENCE: GRADES K-2

Olentangy Local School District's (OLSD) K-5 Science Curriculum focuses on developing scientific skills in accordance with the [Ohio Department of Education's Learning Standards for Science](#). Students will learn that the world around us can be explained using scientific thinking, new discoveries are made through wondering, questioning and investigating, and that scientific inquiry involves engaging, exploring, explaining, elaborating, and evaluating. Student will be able to independently use their learning to understand the science of the natural world around them in greater depth by engaging in scientific inquiry. The following synthesizes important ideas and core processes central to science that students in Grades K-2 should understand by the end of each grade level.

## Kindergarten

Kindergarten students will understand that:

- Living and nonliving things have specific physical properties
- The physical properties of air and water impact weather
- Things can be sorted and classified based on their physical properties
- Seasonal changes impact the weather and their daily life

[Kindergarten OLSD  
Science Curriculum Blueprint](#)

## First Grade

First Grade students will understand that:

- Energy is observed through movement, heating, and cooling
- All matter can change
- All living organisms meet their needs through their environment

[First Grade OLSD  
Science Curriculum Blueprint](#)

## Second Grade

Second Grade students will understand that:

- A force can cause living and nonliving things to move
- A moving object has energy
- Moving air is wind and wind is a force that causes change or movement
- Air and water relate to weather and weather changes.
- Energy and movement can cause change to organisms and the environment in which they live

[Second Grade OLSD  
Science Curriculum Blueprint](#)





# SCIENCE: GRADES 3-5

Olentangy Local School District's (OLSD) K-5 Science curriculum focuses on developing scientific skills in accordance with the [Ohio Department of Education's Learning Standards for Science](#). Students will learn that the world around us can be explained using scientific thinking, new discoveries are made through wondering, questioning and investigating, and that scientific inquiry involves engaging, exploring, explaining, elaborating, and evaluating. Student will be able to independently use their learning to understand the science of the natural world around them in greater depth by engaging in scientific inquiry. The following synthesizes important ideas and core processes central to Science that students in Grades 3-5 will understand by the end of each grade level.

## Third Grade

Third Grade students will understand that:

- The Earth is made up of both living and nonliving resources
- Some of the Earth's resources are limited
- Each state of matter has specific properties
- Different types of energy can cause change
- Life cycles of organisms impact their survival
- Organisms have physical and behavioral traits that enhance survival

[Third Grade OLSD  
Science Curriculum Blueprint](#)

## Fourth Grade

Fourth Grade students will understand that:

- The Earth's surface is constantly changing
- Changes can be beneficial or harmful
- The remains of living things can be used to explore change
- Matter is conserved during changes
- Energy can be transferred

[Fourth Grade OLSD  
Science Curriculum Blueprint](#)

## Fifth Grade

Fifth Grade students will understand that:

- Scientific conclusions must be supported by evidence
- Any change in a system can cause other changes in the system
- Science connects to every aspect of your life
- Predictable patterns can be found in ecosystems, the solar system, the movement of light, sound, and matter (force and motion)
- Speed is a measurement of movement and a change in speed is related to force and mass
- The transfer of energy drives changes in systems, including ecosystems and physical systems

[Fifth Grade OLSD  
Science Curriculum Blueprint](#)



# SOCIAL STUDIES: GRADES K-2

Olentangy Local School District's (OLSD) K-5 Social Studies Curriculum focuses on developing skills in accordance with the [Ohio Department of Education's Learning Standards for Social Studies](#). Students will learn that the past can be used as a tool to inspire us and to inform future decisions, that communities are often made up of diverse cultures that contribute to society in different ways, changes have happened throughout history and continue to happen through conflict and cooperation, and that maps and graphs provide us with information. Students will be able to independently use what they learn to apply skills and knowledge to function within a community and contribute to the common good as productive citizens. The following synthesizes important ideas and core processes central to social studies that students in Grades K-2 should understand by the end of each grade level.

## Kindergarten

Kindergarten students will understand that:

- Historical documents, timelines, and maps can teach us about history
- Communities are influenced by changes
- The choices of members of a community are influenced by rights and responsibilities
- Decisions carry positive and negative consequences
- Economic decisions are based on weighing costs and benefits

[Kindergarten OLSD  
Social St. Curriculum Blueprint](#)

## First Grade

First Grade students will understand that:

- Individuals have roles as citizens of various communities
- How people live has changed over time
- People in various cultures meet their needs in different ways
- Maps help us see how the world is organized and our place in the world
- People must make choices about how to meet their needs and obtain their wants

[First Grade OLSD  
Social St. Curriculum Blueprint](#)

## Second Grade

Second Grade students will understand that:

- Transportation, communication, and technology have changed from long ago
- Biographies, primary sources and artifacts act as clues to the past
- People in the past have shaped the world.
- Diverse cultures have unique characteristics
- A good citizen plays a role in his or her community
- People use resources to produce goods and services to earn a living

[Second Grade OLSD  
Social St. Curriculum Blueprint](#)

# SOCIAL STUDIES: GRADES 3-5

Olentangy Local School District's (OLSD) K-5 Social Studies curriculum focuses on developing skills in accordance with the [Ohio Department of Education's Learning Standards for Social Studies](#). Students will learn that the past can be used as a tool to inspire us and to inform future decisions, that communities are often made up of diverse cultures that contribute to society in different ways, changes have happened throughout history and continue to happen through conflict and cooperation, and that maps and graphs provide us with information. They will have the opportunity to analyze current events and connect those events to the past and their own lives while participating in a collaborative experience. Students will be able to independently use what they learn to apply skills and knowledge to function within a community and contribute to the common good as productive citizens. The following synthesizes important ideas and core processes central to Social Studies that students in Grades 3-5 should understand by the end of each grade level.

## Third Grade

Third Grade students will understand that:

- Individuals have roles and responsibilities as members of a group
- The world extends beyond their own classroom and communities
- Culture, heritage and democratic principles help us learn about ourselves and others

[Third Grade OLSD  
Social St. Curriculum Blueprint](#)

## Fourth Grade

Fourth Grade students will understand that:

- Primary and secondary sources, timelines, and maps can teach us about history
- Ohio and the United States have experienced many changes and continue to evolve
- Location has an impact on lifestyle and decision making
- The choices of members of a community are influenced by rights, responsibilities, and economic conditions
- Historic, civic, and economic decisions carry consequences

[Fourth Grade OLSD  
Social St. Curriculum Blueprint](#)

## Fifth Grade

Fifth Grade students will understand that:

- Geographic features, early history, cultural development and economic change in the Western Hemisphere (North and South America) impact the lives of people today
- European exploration and colonization had a significant impact on the early inhabitants of the Americas
- People, products, ideas, and cultures can move and change
- There is a direct relationship between markets and available resources

[Fifth Grade OLSD  
Social St. Curriculum Blueprint](#)

# MUSIC: GRADES K-2

Olentangy Local School District's (OLSD) K-5 Music curriculum focuses on developing musical skills in accordance with the [Ohio Department of Education's Learning Standards for Fine Arts: Music](#). The OLSD Elementary Music Curriculum consists of the following components: reading, writing, creating, responding, performing, and classifying music. Students will learn that music can be visually represented, created and described using musical vocabulary and notation. They will discover that we often feel emotions listening to music, and our responses may be different from those of others. Students will also develop an understanding that they have roles as either consumers, critics, or creators of music. They will be able to independently and collectively use their learning to demonstrate music literacy through performing, creating, and expressing aesthetic responses. The following synthesizes important ideas and core processes central to Music that students in Grades K-2 should accomplish by the end of each grade level.

## Kindergarten

Kindergarten students will:

- Use singing voice
- Demonstrate same and different musically
- Move/play instruments to a steady beat
- Share ideas about musical experiences

[Kindergarten OLSD  
Music Curriculum Blueprint](#)

## First Grade

First Grade students will:

- Sing with a proper head voice
- Reading and writing rhythm (quarter note/ eighth notes)
- Reading and writing melody with two pitches, a skip apart on the staff
- Identify and demonstrate steady beat and rhythm

[First Grade OLSD  
Music Curriculum Blueprint](#)

## Second Grade

Second Grade students will:

- Sing with a proper head voice
- Reading and writing rhythm (quarter note, eighth notes, quarter rest, and half note)
- Reading and writing melody using steps and skips on the staff
- Demonstrate simple partwork

[Second Grade OLSD  
Music Curriculum Blueprint](#)



# MUSIC: GRADES 3-5

Olentangy Local School District's (OLSD) K-5 Music curriculum focuses on developing musical skills in accordance with the [Ohio Department of Education's Learning Standards for Fine Arts: Music](#). The OLSD Elementary Music Curriculum consists of the following components: reading, writing, creating, responding, performing, and classifying music. Students will learn that music can be visually represented, created and described using musical vocabulary and notation. They will discover that we often feel emotions listening to music, and our responses may be different from those of others. Students will also develop an understanding that they have roles as either consumers, critics, or creators of music. They will be able to independently and collectively use their learning to demonstrate music literacy through performing, creating, and expressing aesthetic responses. The following synthesizes important ideas and core processes central to Music that students in Grades 3-5 will explore by the end of each grade level.

## Third Grade

Third Grade students will:

- Sing with a proper head voice
- Reading and writing rhythm (half notes, sixteenth notes in duple meter)
- Reading and writing melody using the pentatonic scale in more than one starting pitch on the treble staff (G-do, F-do or C-do)
- Demonstrate rounds and canons

[Third Grade OLSD  
Music Curriculum Blueprint](#)

## Fourth Grade

Fourth Grade students will:

- Sing with a proper head voice
- Reading and writing rhythm that includes sixteenth notes, combination rhythms, and whole notes in duple meter
- Reading and writing melody using an extended pentatonic scale in G, C and F

[Fourth Grade OLSD  
Music Curriculum Blueprint](#)

## Fifth Grade

Fifth Grade students will:

- Sing with a proper head voice, breathing, and posture
- Reading and writing rhythm that includes syncopated rhythms in duple and triple meter
- Reading and writing melody using a minimum of seven pitches, with skips and steps on the staff
- Differentiate and demonstrate various musical forms (theme and variations, 12 bar blues, etc.)

[Fifth Grade OLSD  
Music Curriculum Blueprint](#)

# VISUAL ARTS: GRADES K-2

Olentangy Local School District's (OLSD) K-5 Visual Arts Curriculum focuses on developing literacy skills in accordance with the Ohio Department of Education's Learning Standards for Fine Arts: Visual Arts. Students will learn that people from various times and cultures create works of art to be looked at, valued, and enjoyed, that personal meaning can be assigned to a work of art through exploration of art concepts, the creation of art can aid in an exploration of individuality and personal cultural identity, and artworks can express and represent personal experiences, imagination, and ideas. Students will focus on constructing and solving problems of personal relevance and interest when expressing themselves through visual art and be able to make connections to the real world through understanding, appreciation, and creation of visual art. The following synthesizes important ideas and core processes central to Visual Arts that students in Grades K-2 should demonstrate by the end of each grade level.

## Kindergarten

Kindergarten students will:

- Identify elements of art and principles of design
- Use appropriate visual art vocabulary
- Demonstrate beginning skill with multiple materials
- Create artwork based upon observation, memory, imagination and experience
- Describe what they see and feel in works of art

[Kindergarten OLSD  
Visual Arts Curriculum Blueprint](#)

## First Grade

First Grade students will:

- Identify elements of art and principles of design
- Use appropriate visual art vocabulary
- Demonstrate beginning skill and craftsmanship with multiple materials
- Create artwork based on observations of familiar objects
- Share their artmaking process with peers

[First Grade OLSD  
Visual Arts Curriculum Blueprint](#)

## Second Grade

Second Grade students will:

- Identify and use elements of art and principles of design
- Use appropriate visual art vocabulary
- Increasing skill and craftsmanship with multiple materials
- Use basic self-assessment to improve artwork
- Create artwork based on observation, imagination, and culture

[Second Grade OLSD  
Visual Arts Curriculum Blueprint](#)



# VISUAL ARTS: GRADES 3-5

Olentangy Local School District's (OLSD) K-5 Visual Arts Curriculum focuses on developing visual arts skills in accordance with the [Ohio Department of Education's Learning Standards for Fine Arts: Visual Arts](#). Students will learn that people from various times and cultures create works of art to be looked at, valued, and enjoyed, that personal meaning can be assigned to a work of art through exploration of art concepts, the creation of art can aid in an exploration of individuality and personal cultural identity, and artworks can express and represent personal experiences, imagination, and ideas. Students will focus on constructing and solving problems of personal relevance and interest when expressing themselves through visual art and be able to make connections to the real world through understanding, appreciation, and creation of visual art. The following synthesizes important ideas and core processes central to Visual Arts that students in Grades 3-5 should demonstrate by the end of each grade level.

## Third Grade

Third Grade students will:

- Identify and describe the relationship between selected elements and principles to create visual effects
- Recognize and identify the choices that give meaning to their artwork
- Use the elements and principles with purpose

[Third Grade OLSD  
Visual Arts Curriculum Blueprint](#)

## Fourth Grade

Fourth Grade students will:

- Compare and contrast a variety of artworks
- Experiment with various art materials
- Use elements and principles to create a strong compositions
- Develop and share their ideas, beliefs, and values about art

[Fourth Grade OLSD  
Visual Arts Curriculum Blueprint](#)

## Fifth Grade

Fifth Grade students will:

- Discuss how art is understood through context
- Use observation and technical skills to improve their art
- Describe how personal experiences influence artistic preferences
- Discuss personal accomplishments and obstacles

[Fifth Grade OLSD  
Visual Arts Curriculum Blueprint](#)



# PHYSICAL EDUCATION: GRADES K-5

Olentangy Local School District's K-5 Health curriculum focuses on developing health and wellness skills in accordance with the [Ohio Department of Education's Learning Standards for Physical Education](#). Students will demonstrate competency in a variety of skills and movement patterns; apply knowledge of concepts, principles, strategies and tactics related to movement and performance; demonstrate the knowledge and skills to achieve and maintain a health-enhancing level of physical activity and fitness; and exhibit responsible, personal and social behavior that respects self and others. Students will learn to recognize the value of physical activity for health, enjoyment, challenge, self-expression, and/or social interaction. The following synthesizes important ideas and core processes central to Physical Education that students in Grades K-5 will understand by the end of each grade level.

## Kindergarten – Fifth Grade

Students in Grades K-5 will:

- Demonstrate and combine locomotor and non-locomotor skills into movement patterns in a variety of ways.
- Apply the critical elements of fundamental manipulative skills in a variety of physical activities.
- Describe the current level of physical activity and identifies additional physical activity opportunities.
- Understand the purpose and apply appropriate rules, procedures, and safe practices in physical activity settings.
- Identify multiple health benefits as a reason to value and participate in physical activity

[ODE K-5 Learning Standards for Physical Education](#)





# HEALTH: GRADES K-5

Olentangy Local School District's K-5 Health Curriculum focuses on developing health and wellness skills in accordance with the [Ohio Department of Education's K-6 Health Education Curriculum Requirements](#). The following content will be addressed in the OLSD Health Curriculum: nutritive value of foods, including natural and organically produced foods, the relation of nutrition to health, and the use and effects of food additives, the harmful effects of and legal restrictions against the use of drugs of abuse, alcoholic beverages, and tobacco, Instruction in personal safety and assault prevention- including grooming, identification of inappropriate physical and nonphysical contact by other students, adults, or district staff and prescription opioid abuse prevention. Students will be able to independently self-evaluate and recognize personal needs to set an overall wellness goal. The following synthesizes important ideas and core processes central to Health and wellness that students in Grades K-5 will understand by the end of each grade level.

## Kindergarten – Fifth Grade

Students in Grades K-5 will understand:

- That reducing health risk requires practicing healthy behavior
- Personal choices impact health
- Personal mental, emotional, and physical health
- Communication skills enhance ability to make healthy choices
- Identifying trusted adults at school and home can impact health
- Healthy options should be chosen when making a decision.
- That goal setting can be used to improve health

[OLSD K-5 Health Curriculum Blueprint](#)

