



# Murl Windsor Academy Kindergarten Curriculum

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## Subject: Language Arts

Identify and produce rhyming words: Students will be able to identify rhyming words in simple sentences and produce their own rhyming words. This will be taught through read-alouds, songs, and word games.

Identify and write letters of the alphabet, both upper and lowercase: Students will learn to identify and write each letter of the alphabet, both uppercase and lowercase. This will be taught through a combination of direct instruction, letter recognition games, and handwriting practice.

Recognize and produce sounds associated with each letter of the alphabet: Students will learn the sounds associated with each letter of the alphabet and be able to produce them in isolation and in simple words. This will be taught through phonics instruction and letter-sound correspondence activities.

Recognize and read high-frequency words: Students will learn to recognize and read a variety of high-frequency words, such as "the" and "and," through repeated exposure and practice. This will be taught through sight word activities and games.

Identify the main topic and details in a text: Students will be able to identify the main topic and supporting details in a simple text. This will be taught through read-alouds and guided reading activities.

Recognize and use basic punctuation, including periods, question marks, and exclamation points: Students will learn to recognize and use basic punctuation marks in their writing. This will be taught through modeling and practice.

Write simple sentences with guidance: Students will learn to write simple sentences with guidance, using capitalization and punctuation. This will be taught through modeled writing and guided practice.

## Subject: Mathematics

Count to 100 by ones and tens: Students will be able to count to 100 by ones and tens. This will be taught through songs, games, and direct instruction.

Identify and write numbers 0-20: Students will learn to identify and write each number from 0-20. This will be taught through direct instruction and hands-on activities.

Recognize and describe basic two-dimensional shapes: Students will learn to recognize and describe basic two-dimensional shapes, such as circles, squares, and triangles. This will be taught through hands-on activities and shape recognition games.

Understand basic addition and subtraction concepts (e.g. adding to, taking away from): Students will learn basic addition and subtraction concepts through hands-on activities and games, such as counting objects and solving simple number sentences.

Compare objects by size and weight: Students will learn to compare objects by size and weight using terms such as "biggest," "smallest," "heaviest," and "lightest." This will be taught through hands-on activities and games.

Understand and use basic measurement concepts, such as length and weight: Students will learn basic measurement concepts through hands-on activities and

games, such as measuring objects using non-standard units and comparing lengths and weights.

Identify and extend simple patterns: Students will learn to identify and extend simple patterns using colors, shapes, and numbers. This will be taught through hands-on activities and pattern recognition games.

## Subject: Science

Observe and describe the natural world, including plants and animals: Students will learn to observe and describe the natural world, including plants and animals, through hands-on activities and guided exploration.

Understand basic weather concepts, such as temperature and precipitation: Students will learn basic weather concepts, such as temperature and precipitation, through hands-on activities and exploration.

Identify and describe the five senses: Students will learn to identify and describe the five senses through hands-on activities and guided exploration.

Understand basic concepts of energy, including light and sound: Students will learn basic concepts of energy, including light and sound, through hands-on activities and

## Subject: Social Studies

Understand basic concepts of citizenship and community: Students will learn about citizenship and community through discussions and hands-on activities, such as creating a class or school community.

Identify and describe the roles of people in the community: Students will learn about different roles in the community, such as police officers and firefighters, through discussions and guest speakers.

Understand basic concepts of maps and geography: Students will learn basic concepts of maps and geography through hands-on activities and exploration, such as creating a map of the classroom or school.

Identify and describe different types of families and cultures: Students will learn about different types of families and cultures through discussions and hands-on activities, such as sharing family traditions and creating family trees.

Understand basic concepts of holidays and traditions: Students will learn about different holidays and traditions through discussions and hands-on activities, such as creating crafts and decorations for different holidays.

Understand basic economic concepts, such as goods and services: Students will learn about basic economic concepts through discussions and hands-on activities, such as creating a classroom store or setting up a pretend restaurant.



# Murl Windsor Academy

## 1st Grade Curriculum

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### Subject: Language Arts

Read and comprehend fiction and nonfiction texts: Students will be able to read and comprehend fiction and nonfiction texts with increasing complexity. This will be taught through guided reading and independent reading.

Use phonics and word analysis skills to decode words: Students will learn to use phonics and word analysis skills to decode words, including long and short vowel sounds and common word families. This will be taught through phonics instruction and word study.

Write narratives, informative/explanatory texts, and opinion pieces: Students will be able to write narratives, informative/explanatory texts, and opinion pieces with increasing complexity, including multiple paragraphs and varied sentence structures. This will be taught through modeled writing and guided practice.

Use appropriate grammar and conventions in writing: Students will learn to use appropriate grammar and conventions in their writing, including subject-verb agreement, punctuation, and capitalization. This will be taught through modeled writing and guided practice.

Participate in collaborative conversations with peers and adults: Students will be able to participate in collaborative conversations with their peers and adults,

including asking and answering questions and staying on topic. This will be taught through class discussions and partner work.

Demonstrate understanding of spoken words, syllables, and sounds: Students will be able to demonstrate understanding of spoken words, syllables, and sounds through phonemic awareness activities and phonics instruction.

Recognize and read grade-level sight words: Students will learn to recognize and read a variety of grade-level sight words through repeated exposure and practice.

## Subject: Mathematics

Understand addition and subtraction within 20: Students will be able to understand and solve addition and subtraction problems within 20. This will be taught through hands-on activities and games.

Understand place value and use it to add and subtract: Students will learn to understand place value and use it to add and subtract within 100. This will be taught through hands-on activities and games.

Understand and measure time, including telling time to the hour and half hour: Students will learn to understand and measure time, including telling time to the hour and half hour. This will be taught through hands-on activities and games.

Understand and use basic concepts of money: Students will learn basic concepts of money, including counting coins and making change. This will be taught through hands-on activities and games.

Understand and describe two-dimensional and three-dimensional shapes: Students will learn to understand and describe two-dimensional and three-dimensional shapes, including identifying them by name and attributes. This will be taught through hands-on activities and games.

Collect, organize, and interpret data: Students will learn to collect, organize, and interpret data using simple graphs and charts. This will be taught through hands-on activities and games.

Understand basic concepts of measurement, including length, weight, and capacity: Students will learn basic concepts of measurement through hands-on activities and games, such as measuring objects using non-standard units and comparing lengths, weights, and capacities.

## Subject: Science

Understand basic concepts of life science, including the characteristics and needs of living things: Students will learn basic concepts of life science through hands-on activities and exploration, such as observing and comparing the characteristics of living and nonliving things.

Understand basic concepts of earth science, including the properties of rocks and soil: Students will learn basic concepts of earth science through hands-on activities and exploration, such as observing and comparing the properties of rocks and soil.

Understand basic concepts of physical science, including properties of matter and forms of energy: Students will learn basic concepts of physical science through

hands-on activities and exploration, such as exploring the properties of different materials and types of energy.

## Subject: Social Studies

Understand the concepts of community and culture: Students will learn about the concepts of community and culture through discussions and hands-on activities, such as creating a class or school community and learning about different cultural traditions.

Identify and describe the roles of people in the community: Students will learn about the roles of people in the community, including community helpers such as police officers, firefighters, and doctors, through discussions and guest speakers.

Understand basic concepts of maps and globes: Students will learn basic concepts of maps and globes through hands-on activities and exploration, such as creating a map of the classroom or school and using a globe to locate different countries.

Identify and describe the basic principles of American government and democracy: Students will learn about the basic principles of American government and democracy through discussions and hands-on activities, such as learning about the branches of government and participating in a mock election.

Understand the concept of goods and services: Students will learn about the concept of goods and services through hands-on activities and exploration, such as setting up a classroom store and learning about different types of businesses in the community.



Understand the concepts of needs and wants: Students will learn about the concepts of needs and wants through hands-on activities and exploration, such as creating a list of basic needs and discussing the difference between needs and wants.

Identify and describe the cultural contributions of various groups: Students will learn about the cultural contributions of various groups, including Native Americans and African Americans, through discussions and hands-on activities, such as creating artwork and participating in cultural celebrations.



# Murl Windsor Academy

## 2nd Grade Curriculum

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### Subject: Language Arts

Reading: Students will be able to read and comprehend various types of texts, including fiction and nonfiction, with increasing fluency and comprehension. They will also be able to identify and explain the main idea, plot, characters, and key details in a text, as well as make connections between texts and their own experiences.

Writing: Students will be able to write various types of texts, including narratives, informational pieces, and opinion pieces, with increasing complexity and organization. They will also be able to use proper grammar, punctuation, and spelling, as well as incorporate details and examples to support their writing.

Speaking and Listening: Students will be able to engage in collaborative conversations with their peers, including following rules for discussions and building on others' ideas. They will also be able to effectively present information to others, using appropriate language and visual aids.

## Subject: Math

Operations and Algebraic Thinking: Students will be able to add and subtract within 20, understand the relationship between addition and subtraction, and solve word problems involving addition and subtraction.

Number and Operations in Base Ten: Students will be able to understand place value and the properties of operations, as well as use place value understanding and properties of operations to add and subtract within 1000.

Measurement and Data: Students will be able to measure and estimate lengths in standard units, as well as tell and write time to the nearest five minutes using analog and digital clocks.

Geometry: Students will be able to recognize and draw shapes, as well as identify and describe the attributes of two-dimensional and three-dimensional shapes.

## Subject: Science

Earth and Space Science: Students will be able to describe the characteristics of different types of landforms and bodies of water, as well as identify the patterns of the sun, moon, and stars in the sky.

Life Science: Students will be able to identify and describe the characteristics of living and nonliving things, as well as describe the life cycle of plants and animals.

Physical Science: Students will be able to identify and describe the properties of matter, as well as understand the effects of forces on motion and the properties of magnets.

## Subject: Social Studies

Understand the concept of chronology: Students will learn about the concept of chronology through hands-on activities and exploration, such as creating a timeline of their life or researching and presenting a timeline of a historical event.

Identify and describe different types of communities: Students will learn about different types of communities, including urban, suburban, and rural communities, through discussions and hands-on activities, such as creating a model of a community.

Understand the concept of citizenship: Students will learn about the concept of citizenship and what it means to be a good citizen through discussions and hands-on activities, such as creating a class or school community service project.



# Murl Windsor Academy

## 3rd Grade Curriculum

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### Subject: Language Arts

Reading: Students will be able to read and comprehend various types of texts, including literary and informational texts, with increasing fluency and comprehension. They will also be able to identify and explain the main idea, supporting details, and author's purpose in a text, as well as make inferences and draw conclusions based on what they have read.

Writing: Students will be able to write various types of texts, including narratives, informational pieces, and persuasive pieces, with increasing complexity and organization. They will also be able to use proper grammar, punctuation, and spelling, as well as incorporate evidence and examples to support their writing.

Speaking and Listening: Students will be able to engage in collaborative discussions with their peers, including building on others' ideas and expressing their own ideas clearly. They will also be able to effectively present information to others, using appropriate language and visual aids.

## Subject: Math

Operations and Algebraic Thinking: Students will be able to represent and solve problems involving multiplication and division, as well as understand the relationship between multiplication and division. They will also be able to solve problems involving fractions, and use strategies to add and subtract within 1000.

Number and Operations in Base Ten: Students will be able to use place value understanding and properties of operations to perform multi-digit arithmetic, including adding, subtracting, multiplying, and dividing.

Measurement and Data: Students will be able to solve problems involving measurement and estimation of intervals of time, liquid volumes, and masses of objects. They will also be able to represent and interpret data on a line plot or bar graph.

Geometry: Students will be able to understand the properties of two-dimensional shapes and three-dimensional objects, as well as classify shapes based on their attributes.

## Subject: Science

Earth and Space Science: Students will be able to describe the characteristics of different types of rocks and soils, as well as understand the water cycle and its importance to life on Earth.

Life Science: Students will be able to understand the characteristics and life cycles of plants and animals, as well as the interdependence of living organisms in an ecosystem.

Physical Science: Students will be able to understand the properties of light and sound, as well as the forms of energy and how energy can be transformed from one form to another.

## Subject: Social Studies

Florida History: Students will learn about the history and culture of Florida, including the early Native American civilizations, exploration and colonization by Europeans, and the development of modern Florida.

United States History: Students will learn about key events and figures in United States history, including the American Revolution, the Civil War, and the Civil Rights Movement.

Economics: Students will learn about basic economic concepts, including supply and demand, as well as how money is earned, spent, and saved.



# Murl Windsor Academy

## 4th Grade Curriculum

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### Subject: Language Arts

Reading: Students will be able to read and comprehend various types of texts, including literary and informational texts, with increased fluency and comprehension. They will also be able to analyze texts for literary elements, such as theme, point of view, and figurative language, as well as use evidence from the text to support their analysis.

Writing: Students will be able to write various types of texts, including narratives, informational pieces, and persuasive pieces, with increased complexity and organization. They will also be able to use proper grammar, punctuation, and spelling, as well as research and gather information to support their writing.

Speaking and Listening: Students will be able to engage in collaborative discussions with their peers, including building on others' ideas and expressing their own ideas clearly. They will also be able to effectively present information to others, using appropriate language and visual aids.

### Subject: Math

Operations and Algebraic Thinking: Students will be able to use strategies to multiply and divide multi-digit numbers, as well as solve problems involving



fractions and decimals. They will also be able to identify patterns in number sequences and use variables to represent unknown quantities.

Number and Operations in Base Ten: Students will be able to use place value understanding and properties of operations to perform multi-digit arithmetic, including adding, subtracting, multiplying, and dividing.

Measurement and Data: Students will be able to solve problems involving measurement and estimation of length, weight, and capacity. They will also be able to represent and interpret data on a line plot, scatterplot, or frequency table.

Geometry: Students will be able to understand the properties of two-dimensional shapes and three-dimensional objects, as well as classify shapes based on their attributes.

## Subject: Science

Earth and Space Science: Students will be able to understand the formation and characteristics of the Earth, including plate tectonics and natural disasters. They will also be able to understand the properties of different types of soil and how they support plant growth.

Life Science: Students will be able to understand the characteristics and life cycles of organisms, as well as the interdependence of living organisms in an ecosystem. They will also be able to understand the importance of biodiversity and conservation.

Physical Science: Students will be able to understand the properties of matter, including changes in state and chemical reactions. They will also be able to

understand the properties of light and sound, as well as the forms of energy and how energy can be transformed from one form to another.

## Subject: Social Studies

Florida History: Students will learn about the history and culture of Florida, including the Native American civilizations, exploration and colonization by Europeans, and the development of modern Florida.

United States History: Students will learn about key events and figures in United States history, including the American Revolution, the Civil War, and the Industrial Revolution.

Geography: Students will learn about the different regions and physical features of the United States, as well as the impact of geography on the development of cultures and societies.

Civics and Government: Students will learn about the structure and function of government, as well as the rights and responsibilities of citizens. They will also be able to understand the importance of civic participation and the role of the media in shaping public opinion.



# Murl Windsor Academy

## 5th Grade Curriculum

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### Subject: Language Arts

Reading: Students will be able to read and comprehend various types of texts, including literary and informational texts, with high-level fluency and comprehension. They will also be able to analyze texts for literary elements, such as theme, point of view, and figurative language, as well as use evidence from the text to support their analysis.

Writing: Students will be able to write various types of texts, including narratives, informational pieces, and persuasive pieces, with high-level complexity and organization. They will also be able to use proper grammar, punctuation, and spelling, as well as research and gather information to support their writing.

Speaking and Listening: Students will be able to engage in collaborative discussions with their peers, including building on others' ideas and expressing their own ideas clearly. They will also be able to effectively present information to others, using appropriate language and visual aids.

## Subject: Math

Operations and Algebraic Thinking: Students will be able to use strategies to multiply and divide multi-digit numbers, as well as solve problems involving fractions, decimals, and percentages. They will also be able to use variables to represent unknown quantities and solve equations.

Number and Operations in Base Ten: Students will be able to use place value understanding and properties of operations to perform multi-digit arithmetic, including adding, subtracting, multiplying, and dividing.

Measurement and Data: Students will be able to solve problems involving measurement and estimation of length, weight, and capacity. They will also be able to represent and interpret data on a line plot, scatterplot, or frequency table, and use statistics to make inferences.

Geometry: Students will be able to understand the properties of two-dimensional and three-dimensional shapes, as well as use coordinate systems to represent and analyze geometric shapes and figures.

## Subject: Science

Earth and Space Science: Students will be able to understand the Earth's systems, including weather patterns and climate change, as well as the role of water in the Earth's processes. They will also be able to understand the Earth's history and the evidence of geological changes.

Life Science: Students will be able to understand the characteristics and life cycles of organisms, as well as the interdependence of living organisms in an ecosystem. They will also be able to understand the importance of biodiversity and conservation, and the impact of human activity on the environment.

Physical Science: Students will be able to understand the properties of matter, including changes in state and chemical reactions. They will also be able to understand the properties of light and sound, as well as the forms of energy and how energy can be transformed from one form to another.

## Subject: Social Studies

United States History: Students will learn about key events and figures in United States history, including the American Revolution, the Civil War, and the Civil Rights Movement. They will also be able to analyze primary and secondary sources to understand historical events and perspectives.

World History: Students will learn about key events and figures in world history, including ancient civilizations, world religions, and global conflicts. They will also be able to analyze how cultural and technological developments have shaped world history.

Geography: Students will learn about the physical and human geography of the world, including regions, landforms, and climate. They will also be able to analyze the impact of geography on the development of cultures and societies.

Students will learn about the structure and function of government, as well as the rights and responsibilities of citizens. They will also be able to understand the

importance of civic participation and the role of the media in shaping public opinion.