

4th Grade

Wisconsin's Motto: Forward

Fourth Grade Motto: Go Forward



Curriculum

It is expected that, after completion of the fourth grade year, students will have a firm grasp of the listed expectations in each discipline.

Social Studies

- Identify the connection of natural resources to products of Wisconsin & regions of the United States
- Describe the importance of industries to Wisconsin in the past & present (e.g., agriculture, lumber, fur trade, & lead mining)
- Identify the sequence of events leading to the exploration & settlement of Wisconsin
- Explore the significance of explorers, missionaries, & fur traders to Wisconsin (See Appendix)
- Explore the significance of American Indians to Wisconsin
- Locate geographic landforms on Wisconsin & state maps
- Locate & Identify states & physical features in the U.S
- Define the Ice Age & its effect on Wisconsin regions
- Identify the three levels & branches of government & explain their duties
- Identify ways to prevent prejudice/discrimination at school and play
- Apply the teachings of Jesus to Community
- Understand Jesus' teachings about serving others
- Show respect for the value of all classmates work
- Recognize and respects the uniqueness of the individual cultures throughout the world
- Demonstrate that we all have a role to play in preserving the environment



Religion

Explore the concepts:

- God loves and cares for all creation and has a plan for the world
- God's covenant with Abraham reveals that God is always faithful to his people
- God created people for one another, and all must work for the common good
- Love of neighbor reflects the love of the Holy Trinity
- God has given you free will so that you can make good choices
- Every person is called by God to a vocation
- The Holy Spirit directs the Church in teaching and guiding the People of God
- The Church's holiness shines in the saints - All who live their love of God are saints
- The seasons of the liturgical year include Advent, Christmas, Lent, Easter and Ordinary Time
- The Sacrament of the Eucharist is at the heart of Christian life
- Each person has a soul that will live forever
- Your conscience is the 'inner voice' that helps you choose what is good
- The Beatitudes describe the reign of God that Jesus announced
- These commandments tell you believe in trust, and love God
- Prayer is the raising of one's mind and heart to God
- Prayer is an important part of a Christian's daily life
- Family Life & Safeguarding God's People

Math

- Identify decimals to tenths
- Identify factors and multiples of numbers
- Understand multiples of 10, 100, 1000
- Use appropriate dollar and cent notation
- Compare whole numbers and fractions with like denominators using the appropriate symbols (<, >, =)
- Compute addition and subtraction problems using fractions with the same denominator
- Multiply one-digit numbers by two-, three- and four-digit numbers
- Interpret circle, bar, and line graphs
- Create a table to represent data
- Find mean, median, range, and mode Estimate and compare mass and volume (metric and customary units) accurately
- Solve simple problems using time – Elapsed Time
- Count, compare, and make change up to ten dollars
- Identify obtuse, acute, right, and straight angles
- Identify and draw: point, line segment, line, ray, perpendicular lines, and parallel lines
- Substitute number values for letters to find a sum, difference, or product



Reading

- Use phonetic relationships as aids to pronouncing and understanding unfamiliar words and text
- Identify and use organizational features of texts, such as headings, paragraphs, and format to improve understanding
- Identify a purpose for reading, such as gaining information, learning about a viewpoint or appreciating literature
- Recognize and recall elements and details of story structure, such as sequence of events, character, plot, and setting, in order to reflect on meaning
- Summarize ideas drawn from stories, identifying cause-and-effect relationships, interpreting events and ideas, and connecting different works to each other and to real-life experiences
- Demonstrate the ability to integrate general knowledge about the world and familiarity with literary and nonliterary texts
- Summarize key details of informational texts, connecting new information to prior knowledge

Writing

- Use a variety of writing technologies including pen and paper as well as computers. Write a coherent and complete persuasive piece (such as a letter to a specific person or a script promoting a particular product)
- Write a coherent and complete expository piece,
- Write a coherent and complete narrative based on experience that uses descriptive language and detail effectively
- Write a coherent and complete imaginative (creative) fiction that includes major and minor characters, a coherent plot, effective imagery, descriptive language, and vivid detail
- Use a variety of writing technologies including pen and paper as well as computers
- Understand and use parts of speech effectively, including nouns, pronouns, and adjectives
- Use punctuation marks and conjunctions, as appropriate, to separate sentences and to connect independent clauses.
- Perform peer and self-evaluation strategies

Science

- Relate that the water cycle consists of evaporation, condensation, precipitation, and the accumulation of surface and ground water
- Use various weather instruments to collect data and make predictions
- Know how features on the Earth's surface are constantly changing by a combination of slow and rapid processes
- Identify the three types of rocks
- Know that geologists classify rocks using physical and chemical changes
- Investigate how the size, shape, mass, and material of an object determines whether it will sink or float in water
- Investigate how properties of matter change by heating and cooling
- Explain that energy is the ability to do mechanical work or to produce a change in temperature
- Identify the many different types of energy Discover that electricity travels in circuits
- Demonstrate the organization of a simple circuit Investigate magnetic attraction to steel and iron materials
- Explain that the terms carnivore, herbivore, and omnivore are used to describe animals that eat other animals, • plants or a combination of animals and plants
- Identify that plants create their own food source
- Explain the role of flowers in reproduction
- Explain that animal and plant adaptations are a result of interaction with the environment
- Organize plants and animals using a classification system
- Learn the human life cycle
- Identify good health habits
- Know the Eating Right Food Pyramid and how to make healthy food choices
- Learn the many systems that make up the human body
- Know the make up of the human cell
- Understand the process of cell mitosis



Oral Language

- Identify and discuss criteria for effective oral presentations, indulging such factors as eye contact, projection, tone, volume, rate, and articulation
- Speaking from notes or a brief outline, communicate precise information and accurate instructions in clearly organized and sequenced detail
- Perform dramatic readings and presentations
- Understand increasingly complex sentence structures
- Understand a variety of word structures and forms such as affixes, roots, homonyms, antonym, synonyms, and word analogies
- Use appropriate strategies to keep a discussion going
- Summarize information conveyed through discussion



Technology

- Review proper keyboarding techniques
- Discuss common uses of technology in daily life and the advantages and disadvantages those uses provide
- Describe the steps involved in using the Internet safely at home and at school
- Given a paragraph, demonstrate how to use advanced editing techniques (ie find and replace, the use of tabs, etc.) to change and save text
- Demonstrate the ability to organize information and present it to an audience using a presentation package
- Demonstrate the ability to organize information and present it in a written format
- Use a digital camera to upload pictures to a computer and use the image to create a product
- Demonstrate the ability to research a Website for information that was previously defined
- Become familiar with simple bar and line graphs in a charting program
- List information needed to make a decision on the accuracy of information displayed on a website



Music

- Sing a varied repertoire of songs alone and with others
- Demonstrate understanding of music concepts and skills using a recorder
- Perform using a variety of notes and rests, time signatures, treble clef notes
- Create original composition for recorder. Must include a variety of notes and rests
- Read and notate notes and rests in a variety of meter signatures using icons and/or traditional notation
- Evaluate the quality of performances and offer constructive suggestions for improvement according to listed criteria



Art

- Use drawing to examine objects closely
- Use knowledge, intuition, & personal experiences to develop ideas for artwork
- Is aware of the principles of design: rhythm, movement, balance, proportion unity & emphasis
- Use a variety of line in drawing & painting
- Learn to recognize the use of complementary and analogous colors to express feeling
- Use familiar shapes to create new and interesting figures, shapes & designs
- Create sculptural abstract forms using principles of emphasis, opposition, balance & rhythm
- Learn to enlarge small designs
- Recognize the use of texture in own art works and in others
- Observe & discusses a variety of artwork with emphasis on Wisconsin artists:
 - Harvey Littleton
 - Georgia O'Keefe
 - Frank Lloyd Wright
 - John Nolen
 - Edward Stiechen
 - Brooks Stevens
- Learn that different cultures think about art differently
- Become aware of own unique creative gifts
- Study the patterns & colors in nature



Foreign Language

- Practice school vocabulary, objects, people, and places
 - Verb "to be" for location
- Pray formal prayers
 - Sign of the Cross
 - Glory Be
 - Hail Mary
- Celebrate cultural Anniversaries
 - *Aniversario de la Independencia*
 - *El Día de Los Muertes*
 - *Las Posadas*
 - *Cinco de Mayo*
- Recite Weather poems
- Use Spanish/ English dictionary
- Use of verb *ir* for location and condition

Physical Education

- Choose safe ways to engage in lead-up games, free practice, relays, and contact games
- Choose to participate in physical activities involving a variety of groups
- Receptive to praise, suggestions, and criticism from others
- Demonstrate willingness to participate in evaluating self and others
- Explain the personal values of physical education
- Know the reasons for various rules and regulations
- Know a variety of strategies for flexibility, accuracy and coordination
- Know the concepts of sportsmanship, physical fitness, leadership, and collaboration
- Begin to process increasingly complex rules well
- Begin to communicate well in making group decisions
- Create routines for sports, dance, recreation and other performance activities
- Practice Rollerblading as a lifetime sport
- Test for Presidential and national physical fitness award