

SECOND GRADE

Art

- Demonstrate an understanding of the different aspects of art and communicate them on an individual level
- Become familiar with art materials and techniques that will lead to self-expression
- Demonstrate art vocabulary with understanding and meaning
- Realize art has a history and begin to recognize certain artists and their works covered in class
- Work with others in the classroom in order to develop an understanding of others' cultural and physical differences
- Complete Second Grade-level art projects
- Study a painting style with student art production as a follow up

English Language Arts

- Use decoding skills.
- Develop and expand vocabulary
- Implement reading strategies for before, during and after reading within a variety of genres.
- Read, comprehend, cite evidence, and evaluate a variety of genres for pleasure, information acquisition, and comprehension purposes and to increase independent reading ability
- Increase fluency, accuracy, and expression with grade level text material
- Develop phonemic/spelling skills to work towards correct spelling patterns and conventions.
- Write complete sentences using proper grammar, capitalization rules, and punctuation.
- Use the steps of the writing process: prewrite, write, revise, edit, and publish, to write a simple paragraph on a given topic that includes five simple sentences
- Communicate ideas through writing using a variety of forms such as letters, personal and fictional narratives, and short reports
- Practice legible manuscript handwriting and begin learning cursive handwriting
- Listen and speak for a variety of purposes:
 - Following directions
 - Participating in collaborative discussions
 - Presenting reports/assignments

Computer Education

- Learn and use word processing software:
 - Enter/delete text
 - Select text/format with font options
 - Edit alignment/justification, line spacing, margins
 - Select/cut/copy/paste within and/or between documents
 - Use the Undo/Redo buttons
 - Use proofreading tools
 - Create/Import/Manipulate/graphics
 - Search for, locate, download, and save non-copywrited images from the Internet
- Work cooperatively and collaboratively with others when using technology
- Use other programs appropriate to the second grade curriculum

Health

- Identify his/her family; family choices; his/her friends; his/her school; getting along with others
- Identify the five senses and how we use them
- Identify the nutritious food groups and be able to select healthy foods for meals and snacks
- Demonstrate an understanding of exercise and muscles, physical fitness, and the role of rest and sleep
- Define drugs; tell how they are helpful and harmful; tell where drugs are obtained; understand the dangers of caffeine, alcohol, and cigarette smoking
- Demonstrate an understanding about germs; how the body fights germs; the importance of shots and vaccines
- List effective dental care practices
- Indicate a knowledge of fire safety, safety with electricity, and safety with sharp object

Library Services

- Demonstrate appropriate library citizenship and etiquette while being considerate of other patrons and the library itself.
- Demonstrate independent library use with picture books, fiction books and easy nonfiction texts. Students will identify parts of a book.
- Demonstrate the proper care of library materials.
- Demonstrate the procedure for borrowing and returning library materials.
- Demonstrate good listening skills and developing the ability to use attentive and reflexive listening skills to locate, use, and respond to literature and information.
- Demonstrate an appreciation for literature by studying genres that augment classroom resources and expand personal interests. Recognize famous authors, and the purposes of the Caldecott Award, while being exposed to themes of award winning literature.
- Differentiate between fiction and nonfiction text and the different ways these texts are organized in the library. Learn elements of organization in nonfiction texts. Learn where fiction and nonfiction books are housed in the library.
- Demonstrate the usage of a standard research model, the Super 3, to answer specific research questions.

Mathematics

Numbers and Operations

- Use place value concepts to represent amounts of tens and ones and to compare three-digit numbers\
- Use place value concepts to read, write, and skip count to 1000
- Use place value understanding and properties of operations to add and subtract within 1000

Algebraic Concepts

- Represent and solve problems involving addition and subtraction within 100
- Use mental strategies to add and subtract within 20
- Work with equal groups of objects to gain foundations for multiplication

Geometry

- Analyze and draw two-and three-dimensional shapes having specified attributes
- Use the understanding of fractions to partition shapes into halves, quarters, and thirds

Measurement, Data and Probability

- Measure and estimate lengths in standard units using appropriate tools
- Tell and write time to the nearest five minutes using both analog and digital clocks
- Solve problems using coins and paper currency with appropriate symbols
- Represent and interpret data using line plots, picture graphs, and bar graphs
- Extend the concepts of addition and subtraction to problems involving length

Music

- Demonstrate greater accuracy in singing and pleasing vocal quality
- Read, hear, sing, and use Kodaly and Curwen hand signs (sol, me, la, do)
- Distinguish and visualize melody patterns
- Learn vocabulary for rhythmic notation
- Identify simple music forms
- Play simple accompaniments
- Identify the basic instruments by family
- Control tempo and identify changes in tempo
- Recognize dynamic changes and use dynamic marking
- Participate in music through experience with music of other cultures, repertoire, and directed listening activities

Physical Education

- Be able to perform a variety of locomotor skills
- Demonstrate variations in basic movement skills
- Perform basic stands, balances, rolls, and turns
- Self-assess conditioning exercises
- Demonstrate the ability to follow directions for individual and group activities
- Perform a variety of social and folk dances
- Demonstrate an understanding of cooperation and fair play
- Demonstrate a variety of ball skills to include catching, throwing, and dribbling with hands and feet
- Demonstrate a variety of fitness-type exercises
- Explain and demonstrate good sportsmanship

Science

Sound

- Explain how objects must vibrate to produce sound
- Relate that things move in different ways and relate that the ears are organs that perceive sound
- Distinguish between high and low, soft and loud sounds
- Recognize that sound travels through different kinds of material differently and that sounds may be reflected
- Generate ideas to reduce the effects of harmful sounds
- Explain how musical instruments cause air to vibrate
- Identify and describe careers related to sound

Forces in Action

- Observe and describe different types of force and motion
- Identify transportation technologies of propelling, structuring, suspending, guiding, controlling, and supporting
- Identify and experiment with simple machines used in transportation

Environment - Homes and Habitats

- Identify the characteristics of the local environment
- Describe characteristics of habitats and their relationship to ecosystems
- Identify various types of water environments and identify plant and animal life specific to each
- Compare characteristics of different land environments and identify plant and animal life specific to each
- Identify career choices associated with environmental issues

Weather

- Describe the elements that make up weather
- Identify and describe characteristics of a variety of weather conditions
- Indicate a knowledge of how clouds form and identify cloud types
- Trace and explain the movement of water in the water cycle
- Identify and infer activities that should be avoided during violent storms
- Demonstrate an understanding of how plants, animals, and people adapt to seasonal weather changes

Social Studies

- Identify how communities depend on each other for needs and wants
- Explain the difference between goods and services, wants and needs
- Identify water, food, clothing, and shelter, as some of our basic needs
- Identify how neighborhoods are similar and different
- Recognize that workers are an important part of a neighborhood and summarize their contributions
- Describe and resolve community issues (i.e. pollution, growth, beautification, new laws, etc.)
- Explain how the multitude of personal, ethnic, values, and family experiences shape each of us into unique people who share much in common with others
- Indicate an understanding of good citizenship
- Demonstrate patriotism by studying the American flag, our forefathers, and Patriotic holidays of our country
- Participate in activities that foster knowledge of the justice system
- Indicate a knowledge of map and globe skills
- Distinguish between the different geographic landforms in which various neighborhoods are located

Guidance

Academic Domain:

- Acquire Skills for Improving Learning
 - Use communications skills to know when and how to ask for help when needed
 - Apply knowledge and learning styles to positively influence school performance
- Achieve School Success
 - Take responsibility for their actions
 - Demonstrate the ability to work independently, as well as the ability to work cooperatively with other students
 - Develop a broad range of interests and abilities

Career Domain:

- Develop Career Awareness
 - Learn how to interact and work cooperatively in teams
 - Recognize that individuals have unique interests
 - Identify current personal interests
 - Describe the work done by school personnel and other individuals in the community

Personal/Social Domain:

- Acquire Self-knowledge
 - Identify values, attitudes and beliefs
 - Identify and express feelings
 - Distinguish between appropriate and inappropriate behavior
 - Understand the need for self-control and how to practice it
 - Demonstrate cooperative behavior in groups

- Acquire Interpersonal Skills
 - Recognize, accept, and appreciate individual differences
- Self-knowledge Application
 - Develop effective coping skills for dealing with problems
 - Know how to apply conflict resolution skills
 - Demonstrate respect for individual and cultural difference
- Acquire Personal Safety Skills
 - Differentiate between situations requiring peer support and situations requiring adult professional help