

Fifth Grade Objectives



Language Arts

- Read at a fifth grade developmental level
- Read from a variety of genres
- Read, understand, respond to, analyze, interpret, evaluate, and appreciate a wide variety of texts
- Be effective in using and selecting reading and word attack strategies
- Identify and describe the elements of literature
- Use a variety of strategies to expand reading, listening, and speaking vocabularies
- Spell a core list of words
- Understand the meaning of texts, using a variety of strategies
- Demonstrate literal, interpretive, inferential and evaluative comprehension
- Read aloud with voice and fluency
- Write in a variety of genres
- Use the writing process effectively
- Edit own and peer's writing
- Apply standard English conventions when writing
- Use age-appropriate reference materials
- Give an oral presentation
- Write using Zaner-Bloser cursive
- Give oral presentations to different audiences for different purposes

Math

- Identify, read and write place value in numbers to billions and millionths
- Multiply and divide multi-digit numbers
- Use a variety of estimation strategies
- Order fractions and decimals
- Recognize and generate equivalent decimals, fractions, mixed numbers and improper fractions in various contexts
- Round numbers to the nearest 0.1, 0.01 and 0.001
- Find equivalent fractions
- Add and subtract decimals and fractions
- Investigate methods for solving problems using mathematics in everyday situations
- Create and use rules, tables, spreadsheets and graphs to describe patterns of change and solve problems
- Use a rule or table to represent ordered pairs of positive integers and graph these ordered pairs on a coordinate system
- Apply the commutative, associative and distributive properties and order of operations to generate equivalent numerical expressions
- Understand and interpret equations and inequalities involving variables and whole numbers
- Secure understanding of probability and the terms that are related to the concept
- Describe, classify, and draw representations of three-dimensional figures
- Determine the area of triangles and quadrilaterals
- Determine the surface area and volume of rectangular prisms
- Use the correct tools to accurately measure length, time, weight, volume, temperature, angles, area, and perimeter
- Know and use the definitions of the mean, median and range of a set of data.
- Know how to create spreadsheet tables and graphs to display data

Life Skills

- Be a good friend
- Listen to others
- Follow directions
- Complete required classroom work
- Share and cooperate with others
- Be respectful
- Turn in assignments on time
- Complete required homework assignments

Science

- Demonstrate understanding of the impact science has on us and the world around us
- Participate in our science fair and demonstrate their findings
- Understanding that communication is essential to science
- Understanding that changes in speed or direction of motion are caused by forces
- Explore the structures and functions of Earth systems
- Knowledge that matter and energy flow into, out of, and within a biological system
- Knowledge that biological populations change over time
- Can name, recognize, and explain given constellations

Social Studies

- Minnesota's role in the Civil War
- Understand the causes and effects of the Dakota War
- Describe the impact of industrialization in Minnesota
- Begin to understand the impact on Minnesota of World War I and II
- Demonstrate knowledge of western expansion, conflict, and reform in America
- Demonstrate knowledge of the causes, major events, and the people of the Civil War
- Introduction to the transformation of America in response to the Industrial Revolution
- Introduction of the causes and effects of World War I and II
- Apply research skills by investigating a topic in U.S. history
- Use maps and globes to demonstrate specific knowledge
- Create a variety of maps to scale
- Identify examples of the changing relationships between patterns of settlement, land use, and topographic features in the United States
- Obtain geographic information from a variety of print and electronic sources
- Understand the interdependence in relation to producers and consumers
- Understand basic principles of economic decision making
- Know the purpose, function and limits of our republic

Art

- Media Exploration
- Art Elements and Principles
- Explore the Historical and Cultural Importance of Art
- Artist Studies
- Compare and Contrast Artwork
- Compare and Contrast Different Areas of Art

Media/Technology

- Dewey Decimal System
- Search in Boolean terms
- Access information from print and non-print resources
- Examine the various ethical issues in media
- Record print and non-print bibliographic sources
- Technological Awareness
- Keyboarding Skills
- Paint, Draw, and Graphics
- Word Processing
- Information Systems
- Network Awareness
- Internet
- Multimedia
- Video

Health

- First Aid
- Good Nutrition
- Brain structure
- Body systems: respiratory, endocrine, nervous, circulatory, reproductive, immune
- Growing up- hormonal, emotional, social
- Use, misuse, and abuse of drugs
- Sexual Harassment
- Decision Making

Spanish

- Review and maintain K-4 objectives
- Master 100-1,000
- Introduction of telling time
- Introduction of using numbers
- Expansion of parts of speech including: possessive adjectives, verbs, irregular verbs, prepositions, subject pronouns, and adjective agreement
- New vocabulary: occupations, sports, restaurant and market, transportation, shapes and sizes
- Sight/High frequency words
- Study of Spanish literature and art

Music

- Understand musical terms: dynamics, harmony, melody, interlude, score, tempo, tone, and meter
- Improvise and compose rhythms, melodies, and accompaniments
- Read and write music using musical notation
- Understand cultural and historical traditions of music
- Compare and contrast musical elements with other areas of art

