

MOUNT PROSPECT SCHOOL DISTRICT 57

Fifth Grade

Grade Level Objectives



**Mount Prospect
School District 57**

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Teaching and Learning
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READING/LANGUAGE ARTS

Reading Foundational Skills

A fifth grade student:

- Breaks words into syllables to help read them
- Uses knowledge of prefixes, suffixes, and roots to help read unfamiliar words
- Reads text accurately with understanding
- Recognizes and corrects mistakes made while reading

Reading Literature

A fifth grade student:

- Cites accurately from the text when making inferences that are supported by the text
- Summarizes text using important literary elements such as conflict, rising action, climax, falling action, and resolution
- Compares and contrasts two or more characters, settings, genres, or events
- Determines the meaning of words using context clues
- Determines the meaning of figurative language (e.g., similes and metaphors)
- Uses prefixes, suffixes, and roots to help understand a word

Reading Informational Text

A fifth grade student:

- Cites accurately from the text when making inferences that are supported by the text
- Explains relationships between two or more individuals, events, concepts, or ideas
- Determines the meaning of words using context clues
- Uses many different sources to answer questions or solve problems

Speaking and Listening

A fifth grade student:

- Actively participates in discussions by responding to and posing questions
- Actively participates in discussions by reviewing and adding to key ideas
- Summarizes information presented orally
- Speaks clearly at an understandable pace
- Presents information on a topic and makes sure that ideas have detailed support and are in order
- Includes multimedia components (e.g., graphics, sounds) and visual displays to enhance the development of main ideas or themes in presentations

Language

A fifth grade student:

- Uses the proper and correct verb tense (e.g., past, present, perfect) in writing
- Recognizes and corrects verb tenses and conventions in a given piece
- Uses commas appropriately (in a series, with introductory clauses, direct address)
- Writes the titles of works using the correct method (underlining, quotation marks, italics)
- Spells words correctly in writing, even when accessing resources
- Revises sentences to improve them by adding, combining, or shortening

Spelling

A fifth grade student:

- Spells fifth grade word list correctly
- Spells correctly on assessments
- Uses correct spelling in daily work
- Uses correct pronunciation as a strategy for spelling words correctly
- Uses resources to locate correct spelling

Resources:

Reach for Reading, National Geographic Learning/Cengage Learning, ©2011

<https://ngl.cengage.com/reachforreading>

Writing

A fifth grade student:

- Writes an introduction for an explanatory/informative essay that clearly previews main points
- Provides detailed support for all ideas in writing
- Stays on topic throughout writing
- Writes a conclusion that clearly restates main points
- Writes a narrative essay that introduces characters, setting, and problem
- Sequences events in order that makes sense in a narrative essay
- Uses dialogue and description to develop events in a narrative essay
- Has a conclusion that wraps up the events in narrative essay
- Uses appropriate transitions in writing
- Plans, drafts, revises, and edits essays
- Writes a research report that includes information from different sources

Resources:

Units of Study in Opinion, Information, and Narrative Writing, Heinemann, ©2016,

<https://www.heinemann.com/collection/uos-k5w>

MATHEMATICS

Operations and Algebraic Thinking

A fifth grade student:

- Uses order of operations to evaluate numerical expressions and solve equations
- Translates a word problem to a numerical expression and equation
- Compares different numeric patterns and identifies relationships between them

Number and Operations in Base Ten

A fifth grade student:

- Identifies the value of a digit based upon its place value up to the thousandths place
- Explains in words the placement of a decimal point and zeroes when multiplying or dividing by a power of ten
- Compares decimals to the thousandths place
- Uses place value to round decimals to any place
- Multiplies multi-digit whole numbers
- Divides whole numbers with 4-digit dividends and 2-digit divisors, evenly
- Illustrates and explains how to divide whole numbers using equations, pictures, and tools
- Adds, subtracts, multiplies, and divides decimals to the hundredths place

Number and Operations-Fractions

A fifth grade student:

- Adds and subtracts fractions with like and unlike denominators and solves word problems
- Multiplies fractions, divides fractions in simple cases, solves related word problems

Measurement and Data

A fifth grade student:

- Makes a line plot to display a data set of measurements in fractions of a unit and uses operations to solve word problems
- Measures volumes using cubic units
- Uses the formulas for volume to calculate the volume of rectangular prisms
- Uses knowledge of volume of rectangular prisms to calculate the volume of more complex solid figures
- Converts like measurement units within a given measurement system

Geometry

A fifth grade student:

- Graphs points in the coordinate plane (two dimensions) to solve problems
- Makes connections between 2-dimensional figures by observing and documenting their attributes

Resources:

Math in Focus Singapore Math, Houghton Mifflin Harcourt, ©2015

<https://www.hmhco.com/programs/math-in-focus>

SCIENCE

A fifth grade student explores the concepts of science through the following units:

Life Science – Living Systems

In the **Living Systems Module**, students think about systems on different scales—nutrient and transport systems within an organism that moves matter and provides energy to the individual organism, and feeding relationships in ecosystems that move matter among plants, animals, decomposers, and the environment. Students come to understand through a variety of experiences that plants get the materials they need for growth primarily from water and air, and that energy in animals' food was once energy from the Sun. There are many opportunities for students to explore how human activities in agriculture, industry, and everyday life can have major effects on these systems. Students gain experiences that will contribute to the understanding of crosscutting concepts of patterns; scale, proportion, and quantity; systems and system models; and energy and matter.

Earth Science – Earth and Sun

The **Earth and Sun Module** provides students with experiences to explore the properties of the atmosphere, energy transfer from the Sun to Earth, and the dynamics of weather and water cycling in Earth's atmosphere. Other experiences help students to develop and use models to understand Earth's place in the solar system, and the interactions of Earth, the Sun, and the Moon to reveal predictable patterns—daily length and direction of shadows, day and night, and the seasonal appearance of stars in the night sky. Students gain experiences that will contribute to the understanding of crosscutting concepts of patterns; cause and effect; scale, proportion, and quantity; systems and system models; and energy and matter.

Physical Science – Mixtures and Solutions

The **Mixtures and Solutions Module** introduces students to fundamental ideas about matter and its interactions. Students come to know that matter is made of particles too small to be seen and develop the understanding that matter is conserved when it changes state—from solid to liquid to gas—when it dissolves in another substance, and when it is part of a chemical reaction. Students have experiences with mixtures, solutions of different concentrations, and reactions forming new substances. They also engage in engineering experiences with separation of materials. Students gain experiences that will contribute to the understanding of crosscutting concepts of patterns; cause and effect; scale, proportion, and quantity; systems and system models; and energy and matter.

Resources:

Full Option Science System (FOSS) Next Generation

<http://www.fossweb.com>

SOCIAL SCIENCE

A fifth grade students focus on exploring the history of the United States, beginning with native peoples and moving through the colonial period up to the American Revolution.

Concepts explored include:

- Colonial Government
- Basic U.S. political documents
- Present form of government
- Colonial resources and economic systems
- Historical experiences of native peoples, explorers, colonists and revolutionary war figures
- Native American cultures
- Influence of England
- Colonial social systems
- Religious freed/tolerance

Resources:

Social Studies Alive! America's Past, Teachers Curriculum Institute, ©2016

<http://www.teachtci.com>

CHARACTERISTICS OF SUCCESSFUL LEARNERS: ACADEMIC

Confidence/Effort

- A fifth grade student welcomes new opportunities, perseveres when learning new skills, invested in learning.

Citizenship

- A fifth grade student respects others, rules, and property, is caring and trustworthy, works effectively with others.

Responsibility

- A fifth grade student exhibits personal independence, takes responsibility for own behavior and accepts consequences, uses problem-solving skills.

Work Habits

- A fifth grade student pays attention, completes quality assignments, comes prepared to class.

PHYSICAL EDUCATION

A fifth grade student:

- Uses ball handling skills (throw, dribble, catch, roll, shoot, kick, etc.) in a variety of organized games and sports
- Develops combinations of body relationships (side by side, face to face, etc.) through rhythms and dance activities
- Participates in an environment that promotes physical fitness, sportsmanship, maximum effort, and enjoyment
- Understands rules and strategies increasing in complexity to enhance participation and emphasize safety
- Uses basic skills to manipulate and control objects with greater accuracy through the use of ropes, scooters, hoops, balls, bats, rackets, etc.
- Has opportunities to work on cooperation and joint decision making in team situations
- Refines educational gymnastic skills through the practice of stunts, tumbling, balance, and movement sequences
- Creates space for self, others, or objects in game situations

MUSIC

Performance Skills in the Classroom and in Concert Setting

A fifth grade student:

- Plays basic chords on an instrument (classroom instruments, guitar, ukulele) to accompany singing
- Sings with good vocal production and pitch (unison, multiple part harmony)
- Demonstrates stage presence
- Demonstrates musical theater performing skills (audition, rehearsal, performance)
 - Acting, singing, dancing
 - Technical aspects of theater
- Performs World and American Folk Music

Music Reading/Writing Skills

A fifth grade student:

- Reads melodic and rhythmic notation
- Creates music and lyrics
- Improvises melodies and accompaniments
- Uses musical vocabulary

Music Listening/Analyzing Skills

A fifth grade student:

- Analyzes musical forms (ABA, Chorus/Verse, Rondo, Theme and Variations)
- Listens and responds to music with movement
- Listens and responds to music using music vocabulary to organize and express ideas
- Listens to and learns about large musical forms (Opera, Musical Theater, Symphony, etc.)
- Identifies cultural and historical contexts of music
- Compares music and other art forms (dance, visual art, etc.)

A fifth grade student demonstrates respect:

- Towards teacher
- Towards fellow students
- Towards instruments and equipment

Also available to fifth grade students: Beginning Band, Beginning Orchestra, and Chorus before school. Band and Orchestra students also receive one half hour pull out group lesson a week.

Resources:

Share the Music, McGraw-Hill, ©1998

ART

A fifth grade student:

- Demonstrates an understanding of art elements and applies the principals of art: variety, balance, emphasis, contrast, and proportion
- Understands how linear perspective is used in a composition. (Vanishing point, parallel line, advancing and receding lines, foreground, mid-ground, and background.)
- Refines skills and techniques in drawing, painting, and construction
- Continues the development of advanced skills to creatively solve problems encountered in drawing, painting, and constructing works of art
- Continues to better understand and utilize the “Creative Process” as it pertains to a student’s work

District 57 has adopted Olweus Bullying Prevention Program materials to be used for classroom-based instruction and school-wide implementation. District 57 staff members teach students age-appropriate positive behavior expectations to achieve the goal of providing a safe and caring learning environment.

Resources:

Olweus Bullying Prevention Program, Hazelden Publishing,
<http://www.violencepreventionworks.org/public/index.page>

All District 57 schools provide annual developmentally-appropriate programming led by mental health professionals related to sexual abuse prevention (Erin's Law) and sexual harassment, which is mandated for public school children in Illinois.