

MOUNT PROSPECT SCHOOL DISTRICT 57

# Second Grade

## Grade Level Objectives



**Mount Prospect  
School District 57**

Department of  
Teaching and Learning

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## **READING/LANGUAGE ARTS**

Classify literary works as fiction.

### **Reading Foundational Skills**

A second grade student:

- Understands word parts to determine word meaning as a means to more fluid reading and increased comprehension
  - Phonics
    - Consonants: digraphs (th, sh, wh, etc.), blends (cl, bl, dr, etc.)
    - Vowels: long, short, pairs, r-controlled
    - Diphthongs (ow, oy, etc.)
  - Word structures
    - Endings (ing, ed, er, es, s)
    - Prefixes, suffixes, root words
    - Compound words, contractions
- Reads sight words at grade level
- Demonstrates vocabulary growth

### **Reading Literature**

Reads and comprehends literature at grade level.

A second grade student:

- Sequences events
- Uses key ideas and details to understand the information in what they have read or what has been read to them
- Asks and answers questions about a text to reconstruct (retell with explanations) the story and begin to use analytical talk
- Discusses and analyzes characters
- Is aware of the use of figurative language and the structure of literary genre to develop an understanding of point of view
- Identifies the basic structure of poetry, drama, and stories
- Integrates their knowledge and ideas in making connections and comparisons across texts and determining themes and topics as they appear across genres
- Reads literature orally and with fluency and expression, appropriate at the second grade level

### **Reading Informational Text**

Classify literary works as non-fiction.

Reads and comprehends informational text at grade level.

A second grade student:

- Understands cause and effect
- Uses key ideas and details to build background knowledge and to strengthen comprehension
- Builds academic or domain-specific language

- Understands that illustrations or graphics in informational texts provide the reader visual representation of the content
- Is aware of specific to informational text (e.g., headings, diagrams, images)
- Begins to understand that authors write to inform, educate, persuade, convince, or defend
- Makes connections across texts
- Reads informational text orally with fluency, appropriate at the second grade level

### **Speaking and Listening**

Retelling stories with accurate facts and details.

A second grade student:

- Expresses ideas clearly in spoken language
- Participates actively in discussions and activities
- Listens for information and direction
- Reports and responds in complete sentences when conveying information

### **Spelling**

A second grade student:

- Sorts words using spelling patterns
- Knows how to form endings, possessives, plurals, contractions
- Spells correctly on weekly tests
- Relies increasingly on conventional spelling in daily work

Resources:

Reading Wonders, McGraw-Hill Education, ©2014

[www.mheonline.com/program/view/1/1/2729/READWONDER/](http://www.mheonline.com/program/view/1/1/2729/READWONDER/)

### **Handwriting**

A second grade student:

- Forms letters and numbers neatly

Resources:

Zaner-Bloser Handwriting, Zaner-Bloser, ©2016

[www.zaner-bloser.com](http://www.zaner-bloser.com)

## Writing

A second grade student:

- Writes more independently and begins to understand that words are powerful ways to express themselves
- Learns and practices a variety of organizational writing patterns
- Writes for a variety of purposes (e.g., opinion, informative, narrative, shared, research project, and writing)
- Uses a multi-stage, reflective process to produce a clear and coherent message:
  - Brainstorming
  - Drafting
  - Editing
  - Publishing
  - Sharing
- Utilizes story elements when writing a story:
  - Character
  - Setting
  - Problem
  - Solution
- Produces, expands, and rearranges complete simple and compound sentences
- Uses collective nouns
- Uses reflexive pronouns
- Forms and uses the past tense of frequently occurring irregular verbs
- Capitalizes proper nouns, sentence beginnings, and the pronoun "I"
- Uses ending punctuation correctly
- Uses an apostrophe to form contractions
- Uses adjectives and adverbs and chooses between them
- Relies increasingly on conventional spelling
- Uses beginning, middle, and end in stories
- Uses commas in greetings and closing of letters
- Identifies paragraphs by indenting
- Consults reference materials:
  - Glossary/Dictionary skills print and on line
  - Table of Contents

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 second grade student:

- Uses addition and subtraction within 100 to solve one- and two-step problems involving situations of adding to, taking from, putting together, taking apart, and comparing with unknowns in all positions by model drawing and equations for the unknown number to represent the problem
- Fluently adds and subtracts within 20 using mental math
- By the end of the year, knows from memory all sums of two-digit numbers
- Writes an equation using odd and even numbers
- Writes an equation using arrays

### **Number and Operations in Base Ten**

A second grade student:

- Identifies the place and value of digits in a three-digit number
- Counts within 1,000; skip counts by 5's, 10's, and 100's.
- Reads and writes numbers to 1,000 using expanded form
- Compares three-digit numbers using symbols
- Fluently adds and subtracts within 100
- Adds up to four two-digit numbers
- Adds and subtracts within 1,000 using concrete models, model drawings, and strategies based on place value, properties of operations and/or relationships between addition and subtraction
- Mentally adds and subtracts 10 and 100

### **Measurement and Data**

A second grade student:

- Measures the length of objects using appropriate tools and different length units
- Estimates and compares the length of objects
- Uses addition and subtraction within 100 to solve word problems involving lengths that are given in the same unit
- Represents whole numbers as length on a number line
- Represents sums and differences on a number line

## Geometry

A second grade student:

- Recognizes and draws shapes that have specified attributes
- Partitions a rectangle into same-sized squares
- Partitions circles and rectangles into equal parts and recognizes that equal parts can have a different shape

Resources:

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

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

## SCIENCE

The second grade student explores the concepts of science through the following units:

### Life Science – Insects and Plants

The **Insects and Plants Module** provides students with life science core ideas dealing with structure and function of living things, growth and development of plants and animals, interactions of organisms with their environment, and biodiversity of organisms on land and in water. Students build on the science concepts of growth and development of plants and animals from grades K–1 by observing new organisms over time.

Students see the life cycles of insects unfold in real time and compare the stages exhibited by each species to reveal patterns. At the same time, students grow one type of plant from seed and observe it through its life cycle to produce new seeds. They gain experience with the ways that plants and insects interact in feeding relationships, seed dispersal, and pollination, and students develop models to communicate their understanding.

### Earth Science - Pebbles, Sand, and Silt

The **Pebbles, Sand, and Silt Module** provides students with earth science core ideas dealing with the observable structures and properties of earth materials (rocks, soil, and water), weathering and erosion of Earth's surface, natural sources of water, and how to represent the shapes and kinds of land and bodies of water on Earth.

Students use simple tools to observe, describe, analyze, and sort solid earth materials and learn how the properties of the materials are suited to different purposes. Students explore how wind and water change the shape of the land and compare ways to slow the process of erosion. Students learn about the important role that earth materials have as natural resources.

## Physical Science – Solids and Liquids

The **Solids and Liquids Module** provides students with physical sciences core ideas dealing with matter and its interactions and engineering design. The experiences help students to develop an understanding about how materials are similar and different from one another and how the properties of materials relate to their use.

Students observe, describe, and compare properties of solids and liquids. They conduct investigations to find out what happens when solids and water are mixed and when liquids and water are mixed. They use their knowledge of solids and liquids to conduct an investigation on an unknown material (toothpaste). They gain firsthand experience with reversible changes caused by heating or cooling, and read about changes caused by heating that are irreversible.

Resources:

Full Option Science System (FOSS) Next Generation

<http://www.fossweb.com>

## **SOCIAL SCIENCE**

A second grade student explores the concepts of communities, including a hands-on unit on Mount Prospect. Lessons explore:

- Role of town government and its leaders; the development of communities and businesses
- Community services
- Types of communities
- Evolving communities
- How communities share
- Geography concepts; globe, map elements, human features, local ecosystems, land use

Resources:

Social Studies Alive! My Community, Teacher's Curriculum Institute, ©2016

<https://www.teachtc.com>

## **PHYSICAL EDUCATION**

A second grade student:

- Develops basic ball skills (kick, throw, roll, shoot, catch, dribble – hands and feet, etc.) through continued practice, and organized games and activities
- Understands body relationships through rhythm and dance activities
- Participates in an environment that promotes physical fitness, maximum effort, enjoyment, and sportsmanship
- Understands basic rules and strategies to enhance participation and emphasize safety

- Develops basic skills to manipulate and control objects such as hoops, ropes, bean bags, bats, balls, parachutes, and scooters
- Has opportunities to work in partner activities using basic offensive and defensive strategies
- Displays control in educational gymnastic skills through the practice of stunts, tumbling, balance, and movement sequence
- Respects others' space by moving with control for safety considerations

## **MUSIC**

### **Performance Skills in the Classroom and in Concert Setting**

A second grade student:

- Sings with good vocal production and pitch (unison and partner songs)
- Plays pitched and unpitched percussion instruments with good technique
- Demonstrates stage presence
- Performs World and American Folk Music

### **Music Reading/Writing Skills**

A second grade student:

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

### **Music Listening/Analyzing Skills**

A second grade student:

- Analyzes musical forms (AB, ABA, Chorus/Verse, Rondo, Cumulative)
- 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 musical ensembles
- Identifies cultural and historical contexts of music
- Compares music and other art forms (dance, visual art, etc.)
- Identifies, classifies, and creates musical instruments

### **A second grade student demonstrates respect:**

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

Resources:

Share the Music, McGraw-Hill, ©1998

## ART

A second grade student:

- Identifies and applies the art elements of line (line of direction, line quality), shape (geometric and organic shape), color (primary, secondary, and intermediate), space (positive and negative), and balance in a composition
- Uses tools and materials to create art in a safe and responsible manner
- Develops creative problem-solving skills and applies them to specific ideas and projects

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.