

HILLTOP PRIMARY SCHOOL CURRICULUM GUIDE



The Westonka Edge

*Small School Advantages,
Big School Opportunities,
Real-life Success Stories*

Hilltop Primary School follows the Minnesota Academic Standards, required by all public school systems. This brochure provides the academic benchmarks required for all Second Grade students. These standards provide a common understanding of the foundational skills and knowledge needed for all students to be prepared to move forward to the next grade level.

Positive teacher-to-student and student-to-student relationships support emotional and social development and are essential to successful learning. As a partnership with families, children will succeed in school and into the future with the skills needed to be college-ready.

Important Assessment Dates

Northwest Evaluation Assessment

September 10 – 20th – Reading and Mathematics Assessments

Spring NWEA testing times will be determined at a later time.

Field Trips

Orchestra Hall, February 7, 2013

Arboretum – Spring 2013

Walking Tour of Downtown Mound, May 2013

Music Programs

March 5th, All School Musical, 6:30 pm at MWHS

READING SKILLS

Fluency

Students reading at Grade Level:

Fall – 79 words per minute

Spring - 117+ words per minute

Word Recognition

- Use word structure and phonics knowledge (including consonants, blends, digraphs, and vowel combinations to decode words.
- Identify individual word parts to decode and determine the meaning of compound and multi-syllabic words.
- Fluently read 200 high-frequency words.
- Read aloud grade-appropriate text with accuracy, fluency and expression.
- Notice when reading breaks down, reread and use phonetic and other strategies to self-correct.

Vocabulary Expansion

- Learn and use new words through explicit instruction and independent reading.
- Use a growing range of descriptive words when speaking of people, places, things, actions and events.
- Use context and word structure to help determine a word's meaning.
- Identify prefixes and suffixes.
- Generate and use antonyms, synonyms, and multiple-meaning words to express meaning.
- Use a grade-appropriate dictionary or glossary to locate word meanings.

Comprehension

- Read aloud grade-appropriate texts (that have not been previewed) with accuracy and comprehension.
- Recall and use prior learning and preview text to prepare for reading.
- Analyze text by using pictures, diagrams, titles and headings.
- Monitor comprehension, reread and use strategies to self-correct when necessary.
- Restate the sequence of events or ideas in a text, and summarize.
- Identify the topic, facts and supporting details in non-fiction texts.
- Demonstrate literal and inferential comprehension by asking and answering questions about narrative and informational texts.
- Make predictions about text and verify outcomes.
- Summarize text.
- Follow two-step written directions.

Literature

- Read from and listen to texts representing a variety of genres (such as poetry, folk tales, drama, fantasy, realistic fiction, informational and biography) from America, as well as from other countries.
- Identify and describe main characters, settings and plot.
- Use details from the story to support interpretation.
- Compare and contrast works by different authors in the same genre or regarding the same theme.
- Compare and contrast two works by the same author.
- Critically read and evaluate texts to determine the author's purpose.
- Read selections for personal enjoyment.

Types of Writing

- Write in a variety of modes to express meaning, including:
 - narrative
 - informative
 - functional
- Use informal writing skills, such as note taking, listing and mapping, to record information or observations.

Elements of Composition

- Write sentences employing the composing processes of pre-writing, writing, revising, editing and final copy.
- Use verbalization (discussions, interviews or dictating) to prepare for writing.

Spelling, Grammar, & Usage

- Identify and correctly use nouns, verbs and pronouns.
- Identify and use descriptive words such as adjectives and adverbs.
- Write sentences with correct subject-verb agreement.
- Use correct end marks for sentences.
- Apply phonics knowledge and spelling rules to produce correctly spelled words.
- Use correct spelling for high-frequency sight words, regular plurals, and simple compound words.
- Spell grade-appropriate words correctly in final draft.

Research

- Use grade-level appropriate reference material to obtain information.
- Alphabetize by first and second letter.
- Use glossaries.

Handwriting

- Use legible handwriting with improved formation of the uppercase and lowercase letters of the alphabet and numbers.
- Space words and sentences appropriately.

Speaking and Listening

- Participate in and follow agreed-upon rules for conversation and formal discussions in large and small groups.
- Comprehend text or information presented orally.
- Follow two- or three-step oral directions.
- Explain and clarify needs, feelings and ideas to peers and adults in complete sentences.
- Report on a topic by sharing facts, opinions, ideas, prior knowledge or personal experiences in a logical sequence.
- Recite and respond to stories, poems, rhymes and songs with expression.
- Use voice level, phrasing, pace and intonation appropriate for language situation.
- Ask and respond to questions.

Viewing

- Identify the cover, title page, and glossary of a book.
- Understand that different types of books, such as fiction, nonfiction and reference materials, have different purposes.

HANDWRITING

Zaner-Bloser Handwriting is used in the Westonka School District. This program guides students through a process for learning legible handwriting.

- Increase legibility through regular self-evaluation
- Develop fluency and automaticity

MATHEMATICS

Students Computation at Grade Level:

Fall – Mastered at 95% or above: Addition and Subtraction

Winter – Mastered at 95% or above: Addition and Subtraction

Students that have mastered should work on Multiplication and Division

Number and Operations

- Read, write and represent whole numbers up to 1000. Representations may include numerals, addition, subtraction, multiplication, words, pictures, tally marks, number lines and manipulatives, such as bundles of sticks and base 10 blocks.
- Use place value to describe whole numbers between 10 and 1000 in terms of hundreds, tens and ones. Know that 100 is 10 tens, and 1000 is 10 hundreds.
- Find 10 more or 10 less than a given three-digit number. Find 100 more or 100 less than a given three-digit number.
- Round numbers up to the nearest 10 and 100 and round numbers down to the nearest 10 and 100.
- Compare and order whole numbers up to 1000.
- Use strategies to generate addition and subtraction facts including making tens, fact families, doubles plus or minus one, counting on, counting back, and the commutative and associative properties. Use the relationship between addition and subtraction to generate basic facts.
- Demonstrate fluency with basic addition facts and related subtraction facts.
- Estimate sums and differences up to 100.
- Use mental strategies and algorithms based on knowledge of place value and equality to add and subtract two-digit numbers. Strategies may include decomposition, expanded notation, and partial sums and differences.
- Solve real-world and mathematical addition and subtraction problems involving whole numbers with up to 2 digits.
- Use addition and subtraction to create and obtain information from tables, bar graphs and tally charts.

Algebra

- Identify, create and describe simple number patterns involving repeated addition or subtraction, skip counting and arrays of objects such as counters or tiles. Use patterns to solve problems in various contexts.
- Understand how to interpret number sentences involving addition, subtraction and unknowns represented by letters. Use objects and number lines and create real-world situations to represent number sentences.
- Use number sentences involving addition, subtraction, and unknowns to represent given problem situations. Use number sense and properties of addition and subtraction to find values for the unknowns that make the number sentences true.

Geometry and Measurement

- Describe, compare, and classify two- and three-dimensional figures according to number and shape of faces, and the number of sides, edges and vertices (corners).

- Identify and name basic two- and three-dimensional shapes, such as squares, circles, triangles, rectangles, trapezoids, hexagons, cubes, rectangular prisms, cones, cylinders and spheres.
- Understand the relationship between the size of the unit of measurement and the number of units needed to measure the length of an object.
- Demonstrate an understanding of the relationship between length and the numbers on a ruler by using a ruler to measure lengths to the nearest centimeter or inch.
- Tell time to the quarter-hour and distinguish between a.m. and p.m.
- Identify pennies, nickels, dimes and quarters. Find the value of a group of coins and determine combinations of coins that equal a given amount.

SCIENCE

FOSS: New Plants

- Observe the structures of flowering plants and discover ways to propagate new plants from mature plants (from seeds, bulbs, roots, and stem cuttings).
- Observe and describe changes that occur as plants grow, and organize their observations on a calendar and in a journal.
- Develop a curiosity and interest in plants as living things.
- Experience some of the diversity of forms in the plant kingdom.
- Provide for the needs of growing plants.
- Observe and describe the changes that occur as plants grow and develop.
- Become familiar with the structures and functions of flowering plants (root, stem, leaf, bud, flower, seed).
- Discover various ways that new plants can develop from mature plants.
- Compare change over time in different kinds of plants.
- Organize and communicate observations through drawing and writing.
- Acquire the vocabulary associated with the structures of plants.

FOSS: Solids and Liquids

- Develop curiosity and interest in the objects that make up their world.
- Investigate materials constructively during free exploration and in a guided discovery mode.
- Recognize differences between solids and liquids.
- Explore a number of liquids.
- Observe and describe the properties of solids and liquids.
- Sort materials according to properties.
- Combine and separate solids of different particle sizes.
- Observe and describe what happens when solids are mixed with water.
- Observe and describe what happens when other liquids are mixed with water.
- Use information gathered to conduct an investigation on an unknown material.
- Acquire the vocabulary associated with the properties of solids and liquids.
- Use written and oral language to describe observations.

FOSS: Balance and Motion

- Develop a growing curiosity and interest in the motion of objects.
- Investigate materials constructively during free exploration and in a guided discovery mode.
- Solve problems through trial and error.
- Develop persistence in tackling a problem.
- Explore concepts of balance, counterweight, and stability.

- Observe systems that are unstable and modify them to reach equilibrium.
- Discover different ways to produce rotational motion.
- Construct and observe toys that spin.
- Explore and describe some of the variables that influence the spinning of objects.
- Observe and compare rolling systems with different-sized wheels.
- Explore and describe the motion of rolling spheres.
- Acquire the vocabulary associated with balance and motion.

SOCIAL STUDIES

United States History

- Compare family life in his or her community from earlier times and today
- Understand Family Life today and in the past
- Understand that large and diverse American Indian nations were the original inhabitants of North America.
- Place events in chronological order and construct timelines.

Geography

- Use maps and globes to locate places referenced in stories and real life situations.
- Understand and use cardinal and intermediate directions to locate places – (*compass rose*)
- Create and interpret simple maps using the map elements of title, direction, symbols, and a map key or legend.
- Locate the continents and oceans on a map of the world and a globe
- Recognize the outline shape of the contiguous United States.

Economics

- Identify the difference between basic needs (food, clothing, and shelter) and wants (things people would like to have).
- Explain that money can be used to buy goods and services
- Understand and explain that as producers they can earn money (income) that can be spent or saved as they choose
- Distinguish between producers and consumers and between goods and services
- Recognize and explain that natural resources, human resources, and human-made resources are used in the production of goods and services

Government and Citizenship

- Demonstrate knowledge of civic values that facilitate thoughtful and effective participation in civic life
- Explain the importance of participation and cooperation in a classroom and community and explain how people can make a difference in others' lives
- Describe how they can influence school rules by studying and discussing issues and presenting their concerns to the people in authority
- Recognize the symbols, songs, locations that uniquely identify our nation.
- Identify the beliefs and actions of statesmen including presidents George Washington and Abraham Lincoln.

MUSIC

Music Foundations

- Identify and/or demonstrate knowledge of the elements of music; including *rhythm, pitch, form, tone color and expressive qualities.*

Technical Skills

- Demonstrate the ability to read and notate music.
- Demonstrate proper tone production and articulation while singing and/or playing a classroom instruments.

Create and Make

- Express musical ideas using *voice* and classroom instruments.

Perform and Present

- Sing and play a varied repertoire that includes simple rhythms and melodies.
- Revise performance based on the feedback of others.

Respond and Critique

- Respond to and critique a variety of musical creations or performances.
- Describe the characteristics of a variety of musical works and performances

ART

Elements of Art

- Name and produce variety of lines that indicate direction
- Understand the nature of shape, name and produce shapes
- Mix secondary colors and distinguish between warm and cool colors
- Describe various textures (bumpy, furry, smooth) and produce a texture rubbing
- Recognize difference between shapes and forms
- Recognize difference between light and dark

Principles of Design

- Produce symmetrical and asymmetrical designs
- Produce and describe a pattern in art work
- Repeat a motif
- 4. Recognize differences in art works

Create and Make

- Cutting, folding, gluing, fringing and tearing and curling
- Use a variety of tools and techniques, use overlapping in art works
- Mix paint including secondary colors and produce a painting using warm and/or cool colors
- Use oil clay stamping, gadget, Styrofoam block for printmaking
- Create a bowl out of clay using a mold
- Use a variety of fiber arts to create a yarn weaving

Respond/Critique

- Show art works and discuss differences and similarities
- Understand Cubism as a form of artwork (Picasso)

PHYSICAL EDUCATION

PERSONAL FITNESS

- Practice fitness skills and techniques

LIFETIME SKILLS

- Develop rhythms, manipulative skills, and activity rules & skills at a grade 2 proficiency level.
(Ex. – lummi sticks, dance, lead-up game rules, game skills)

PARTICIPATION/EFFORT

- Participate in all required activities.

SOCIAL INTERACTION/SPORTSMANSHIP

- Follow all established rules and guidelines for activities

MEDIA

Basic Computer Use

- Open and close applications (using the dock, pull down menus)
- Identify parts of the computer (mouse, monitor, keyboard, windows, cursor, CD-ROM)
- Manipulate mouse (click, hold and drag)
- Use the mouse to navigate within a program and in general computer use (manipulate a text box)
- Log-on and logoff procedures
- Learn to use a user name to log-on to various software programs
- Save documents to a student folder
- Print documents and chose a printer

Keyboarding

- Use correct Posture
- Recognize home row and correct finger position
- Use the tab key
- Use return key (enter), scroll bar, shift key, backspace keys and delete key

Word Processing and Desktop Publishing

- Format text (size, font, capitalization, punctuate, and style)
- Use proper line spacing
- Select and insert a graphic
- Align text (left, right, center)
- Create a text document – one paragraph of 3-5 sentences
- Retrieve and edit a word processed document from the student folder
- Create a picture with text

Presentation

- Create a storyboard to plan a presentation
- Create a 3-5 slide presentation (All about Me) with text and graphics

Ethical and Safe Use of Technology

- Demonstrate proper care of equipment and software, leave equipment ready for next user
- Recognize and respond appropriately to material or messages that are inappropriate or potentially compromise their safety
- Respect the work of others
- Use guided internet search tools (Google, Kids Click, Yahoooligans)
- Navigate bookmarked web sites
- Abide by copyright and plagiarism guidelines.