

Measurement & Data, and Geometry

- Write and solve number sentences from problem situations that express relationships involving addition and subtraction.
- Compare the length, weight, and volume of two or more objects.
- Organize, represent, compare and interpret data by using pictures, bar graphs, tally charts, and by using picture graphs; ask and answer questions about the total number of data points, how many in each category, and how many more or less are in one category compared to another category.

Mathematical Reasoning and Practices

- Make sense of problems and persevere in solving them.
- Reason abstractly and quantitatively.
- Approach problem solving using numbers, objects, and written explanations.
- Justify why and how they used a particular method for setting-up and solving a problem. Construct viable arguments and critique the reasoning of others.
- Model with mathematics. Demonstrate reasoning through the use of models, writing, and discussion.
- Use appropriate tools strategically.
- Attend to precision.
- Look for and make use of structure.
- Look for and express regularity in repeated reasoning.



Dear Parents/Guardians:

The goal of Prairie-Hills Elementary School District 144 is to provide an enriching and rigorous academic program that ensures the success of all students. The summarized expectations listed in this pamphlet embodies our collective belief that all PHESD144 students will become effective, strategic readers and mathematical thinkers so that they can succeed academically, pursue higher education, find challenging and rewarding work, participate in our democracy as informed citizens, appreciate and contribute to our society, and pursue their own personal goals and interests throughout their lives.

Working in partnership with our educational staff, our parents are becoming familiar with the Common Core standards to better understand district and state expectations in reading in math. It is our desire that this summarized version of the expectations will help you converse with the educational staff and enable you in your endeavors to help your child succeed academically.

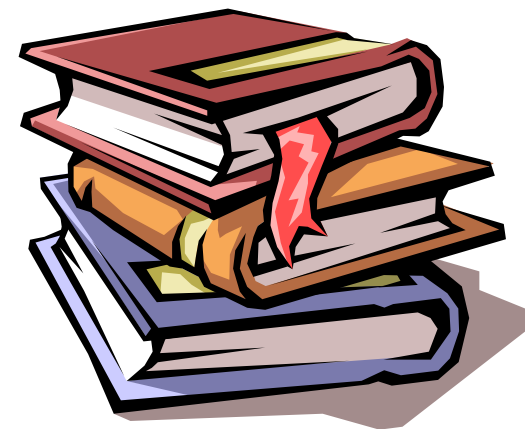
For detailed information regarding the Common Core standards, please visit the www.corestandards.org website.



Today's Students.....

Tomorrow's Leaders

First Grade Grade Level Expectations



Prairie – Hills Elementary School District 144

READING

Word Analysis / Fluency / Vocabulary

- Blend sounds into recognizable words.
- Know and use letter patterns, consonant blends, and long and short vowels to read words.
- Read common irregular sight words.
- Read aloud with fluency in a manner that sounds like natural speech.
- Read words with vowel diagraphs and r-controlled sounds.
- Read compound words and contractions.
- Read words that end in s, ed, and ing.

Comprehension

- Answer who, what, when, where, and how questions about a story.
- Identify the logical sequence of a story.
- Use context to resolve ambiguities about a word and sentence meaning.
- Retell the central ideas of a simple expository or narrative passage.
- Use text features to clarify text.
- Ask and answer questions about key details in a text.
- Identify the main topic and key details.

Literary Analysis

- Identify and describe text features (e.g. plot, setting, characters; and beginning, middle and ending) while reading narrative texts.

WRITING

Writing Applications

- Select a focus.
- Use descriptive words.
- Print legible and spaces letters, words and sentences appropriately.

Common Core Genres

- Write a narrative that includes a logical sequence and contains the elements of a story that are described in detail.
- Write an informative/explanatory text using facts and a sense of closure.
- Write an opinion piece supplying reasons and facts.

WRITTEN LANGUAGE CONVENTIONS

Language Conventions

- Spell three and four letter short vowel words correctly.
- Spell frequently used and irregular words correctly.
- Identify and correctly use singular and plural nouns.
- Write and speak in complete, coherent sentences.
- Capitalize the first word of a sentence, names of people, and the pronoun I.
- Use a period, exclamation point, or question mark at the end of a sentence.

First Grade Expectations

MATHEMATICS

Number and Operations

- Count, read, and write whole numbers to 120.
- Compare and order whole numbers to 100 by using the symbols (<, =, >).
- Represent equivalent forms of the same number through different expressions.
- Count and group objects in ones and tens; understand that the two digits of a two-digit number represent amounts of tens and ones.

Operations and Algebraic Thinking

- Count by 2s, 5s, and 10s to 100.
- Use the inverse relationship between addition and subtraction to solve problems.
- Solve addition and subtraction problems with one and two digit numbers.
- Understand the meaning of the equal sign, and determine if equations involving addition and subtraction are true or false.
- Use addition and subtraction to solve word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions.
- Solve word problems that call for addition of three whole numbers whose sum is less than or equal to 20 (e.g. by using objects, drawings, and equations with a symbol for the unknown number to represent the problem..
- Determine the unknown whole number in an addition or subtraction equation relating to three whole numbers (e.g., Determine the unknown number that makes the equation true in each of the equations $8 + ? = []$, $5 = [] - 3$, $6 + 6 = []$).