

MATHEMATICS

Measurement & Data and Geometry

- Represent addition and subtraction within 100 on a number line.
- Measure the length of an object by selecting and using appropriate tools such as rulers, yardsticks, and measuring tapes.
- Tell and write time to the nearest five minutes, using a.m. and p.m.
- Solve word problems involving dollar bills, quarters, dimes, nickels, and pennies.
- Generate measurement data by measuring lengths of several objects.
- Estimate lengths using units of inches, feet, centimeters, and meters.
- Use addition and subtraction to solve word problems involving lengths that are given in the same units (e.g. by using drawings of rulers) and equations with a symbol for the unknown number to represent the problem.
- Draw a picture graph and a bar graph to represent a data set with up to four categories. Solve simple put together, take-apart, and compare problems using information presented in a bar graph.

Mathematical Reasoning and Practices

- Make sense of problems and persevere in solving them.
- Reason abstractly and quantitatively.
- 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. Look for and express regularity in re-

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 PHSD144 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.

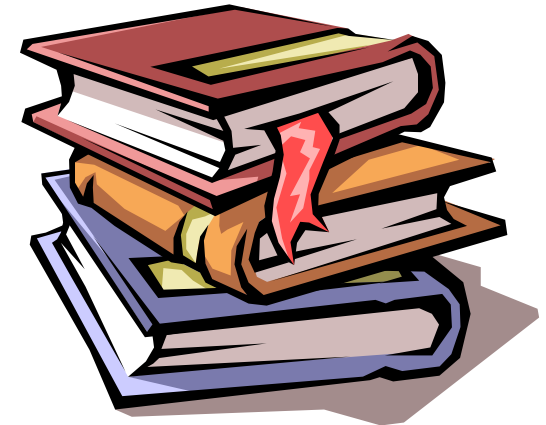
PRAIRIE-HILLS ELEMENTARY SCHOOL DISTRICT 144



Today's Students.....

Tomorrow's Leaders

Second Grade Grade Level Expectations



READING**Word Analysis / Fluency / Vocabulary**

- Identify simple multiple meaning words to build their vocabularies.
- Understand and explain common antonyms and synonyms.
- Use knowledge of individual words in unknown compound words to predict meaning.
- Apply knowledge of phonics, basic syllabication rules, and plurals when reading to read fluently both aloud and silently with accuracy and with expression.
- Recognize and use knowledge of spelling patterns when reading.
- Know the meaning of simple prefixes and suffixes.

Comprehension

- Interpret information from diagrams, charts and graphs.
- Restate facts and details in text to clarify and organize ideas.
- Recognize cause and effect relationships in text.
- Understand text features to make information accessible whether for a fiction or non-fiction piece.
- Use knowledge of the author's purpose to comprehend informational text.
- State the purpose in reading and tell what information is sought.
- Determine the main idea and supporting details of a multiple paragraph text.
- Compare and contrast two text of the same topic.
- Use images and diagrams to clarify text.
- Recount stories and informational text.

- State the purpose in reading and tell what information is sought.
- Determine the main idea and supporting details of a multiple paragraph text.
- Compare and contrast two text of the same topic.
- Use images and diagrams to clarify text.
- Recount stories and informational text.

Literary Analysis

- Compare and contrast story elements and characters presented by different authors.

WRITING: Writing Strategies

- Write for a purpose and for different audiences.
- Group related ideas and maintain a consistent focus.
- Understand the purpose of various reference materials.
- Write clear sentences and paragraphs that develop a central idea.
- Make revisions to original drafts to improve content, mechanics and spelling.

Writing Application-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 opinion piece supporting with reasons and information clearly.
- Write informative/explanatory texts supported with facts, and provides a conclusion.

**WRITTEN LANGUAGE CONVENTIONS
Language Conventions**

- Distinguish between complete and incomplete sentences.
- Identify and correctly use various parts of speech, (nouns and verbs) in writing and speaking.

- Capitalize all proper nouns, words at beginning of sentences, in greetings, months, days of the week, titles and initials of people.
- Spell frequently used and irregular words correctly.
- Spell basic short vowel, long vowel, r-controlled and consonant-blend patterns correctly.

MATHEMATICS**Number and Operations**

- Find sum and difference of two whole numbers up to three digits.
- Count, read, and write whole numbers to 1,000 and identify place value for each digit.
- Count within 1,000; skip-count by 5s, 10s, and 100s.
- Order and compare two three-digit whole numbers up to 1,000 using (<, =, >).
- Fluently add and subtract using strategies based on place value, properties of operations, and/or the relationship between addition and subtraction.
- Explain why addition and subtraction strategies work, using place value and the properties of operations.

Operations and Algebraic Thinking

- Fluently add and subtract using mental strategies.
- Use addition and subtraction to solve one- and two-step word problems involving situations of adding to, taking from, putting together, taking apart, and comparing.
- Use repeated addition, arrays, and counting by multiples to do multiplication.
- Determine whether a group of objects has an odd or even number of members.