

Measurement & Data / Geometry

(Cont'd)

- Analyze and compare two– and three-dimensional shapes, in different sizes and orientations, using informal language to describe their similarities, differences, arts (e.g. number of sides and vertices/"corners") and other attributes (e.g. having sides of equal length).
- Compose simple shapes to form larger shapes.
- Describe measurable attributes of objects, such as length or weight.

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.



PRAIRIE-HILLS ELEMENTARY SCHOOL DISTRICT 144

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.

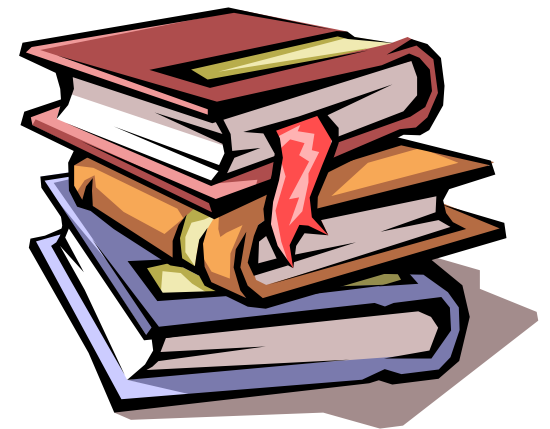
PRAIRIE-HILLS ELEMENTARY
SCHOOL DISTRICT 144



Today's Students.....

Tomorrow's Leaders

Kindergarten Grade Level Expectations



Prairie – Hills Elementary School District 144 – Kindergarten Grade Level Expectations

READING

Familiarity with Print and Letter Names

- Recognize and name all uppercase and lowercase letters of the alphabet.

Phonemic Awareness – Rhymes, Word Play

- Blend vowel-consonant sounds orally to make words or syllables.
- Identify and produce rhyming words.
- Distinguish orally one-syllable words and separate into beginning, middle, or ending sounds.

Decoding, Letter Sounds, Word Recognition

- Match all consonant and short vowels sounds to an appropriate letter.
- Describe common objects and events in both general and specific language.
- Read simple one-syllable and high-frequency words.
- Understand that as letters of words change so do the sounds.
- Identify and sort common words in basic categories.

Comprehension and Literary Response

- Ask and answer questions about essential elements of a text.
- Identify characters, settings and important events.
- Identify types of text.
- With prompting and support ask and answer questions about key details in text.

WRITING

Writing Strategies

- Use letters and phonetically spelled words to write.
- Write consonant-vowel-consonant words.
- Write moving left to right and top to bottom.

Writing Applications — Common Core Genres

- Use combination of drawing, dictating, and writing to narrate an event or events that includes logical sequence.
- Use combination of drawing, dictating, and writing to state an opinion or preference about a topic or book.
- Use combination of drawing, dictating, and writing to compose informative/explanatory texts in which topic is supported by some information.

WRITTEN LANGUAGE CONVENTIONS

Language Conventions

- Recognize and use complete, coherent sentences.
- Spell independently by using the sounds and names of the alphabet.

MATHEMATICS

Counting and Cardinality

- Count to 100 by ones and by tens.
- Recognize, name and order a number of objects up to 30. Represent a number of objects with a written number (with 0 representing a count of no objects).
- Understand the relationship between

numbers and quantities; connect counting to cardinality.

- Identify whether the number of objects in one group is greater than, less than, or equal to the number of objects in another group.
- Compare two numbers between 1 and 10 presented as written numerals.

Operations and Algebraic Thinking

- Fluently add and subtract within 5.
- Solve addition and subtraction word problems, and add and subtract within 10, e.g., by using objects or drawings to represent the problem.
- Use concrete objects to determine the answers to addition and subtraction
- Compose and decompose numbers from 11 to 19 into ten ones and some further ones (e.g. by using objects or drawings) and record each composition or decomposition by a drawing or equations (e.g. $18 = 10 + 8$); understand that these numbers are composed of ten ones and one, two, three, four, five, six, seven, eight, or nine ones.

Measurement and Data / Geometry

- Classify objects into given categories; count the numbers of objects in each category and sort the categories by count.
- Model shapes in the world by building shapes from components (e.g. sticks and clay balls) and drawing shapes.
- Demonstrate an understanding of the of the concept of time.
- Compare familiar plane and solid objects by attributes; flat, solid, shapes, sizes and color.