

OPERATIONS and ALGEBRAIC THINKING

- Write and interpret numerical expressions.
- Analyze patterns and relationships.

MEASUREMENT and DATA

- Convert like measurement units within a given measurement system.
- Represent and interpret data: make a line plot to display a data set of measurements in fractions of a unit.
- Geometric measurement: understand concepts of volume and relate volume to multiplication and to addition.

GEOMETRY

- Graph points on the coordinate plane to solve real-world and mathematical problems.
- Classify two-dimensional figures into categories based on their properties.

Mathematical 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.



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.

This snapshot of the standards does not encompass all of the Common Core standards that are reviewed by the staff of PHESD144 for the school year. For detailed information regarding the Common Core standards, please visit the www.corestandards.org website or visit phsd144.net to review our curriculum maps.

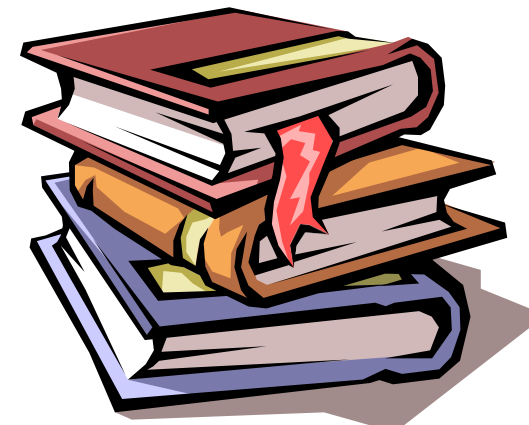
PRAIRIE - HILLS ELEMENTARY SCHOOL DISTRICT 144



Today's Students.....

Tomorrow's Leaders

A SNAPSHOT OVERVIEW of Fifth Grade Grade Level Expectations



Prairie – Hills Elementary School District 144

Fifth Grade Expectations

READING

LITERATURE

- Quote accurately from a text when explaining what the text says explicitly and when drawing inferences from the text.
- Determine a theme of a story, drama, or poem from details in the text, including how characters in a story or drama respond to challenges or how the speaker in a poem reflects upon a topic; summarize the text.
- Compare and contrast two or more characters, settings, or events in a story or drama, drawing on specific details in the text (e.g., how characters interact).
- Determine the meaning of words and phrases as they are used in a text, including figurative language such as metaphors and similes.
- Describe how a narrator's or speaker's point of view influences how events are described.
- By the end of the year, read and comprehend literature, including stories, dramas, and poetry, at the high end of the grades 4-5 text complexity band independently and proficiently.

INFORMATIONAL TEXT

- Determine two or more main ideas of a text and explain how they are supported by key details; summarize the text.
- Explain the relationships or interactions between two or more individuals, events, ideas, or concepts in a historical, scientific, or technical text based on specific information in the text.
- Explain how an author uses reasons and evidence to support particular points in a text, identifying which reasons and evidence support which point(s).

- Integrate information from several texts on the same topic in order to write or speak about the subject knowledgeably.
- Compare and contrast the overall structure (e.g., chronology, comparison, cause/effect, problem/solution) of events, ideas, concepts, or information in two or more texts.
- By the end of the year, read and comprehend informational texts, including history/ social studies, science, and technical texts, at the high end of the grades 4-5 text complexity band independently and proficiently.

FOUNDATIONAL SKILLS

- Know and apply grade-level phonics and word analysis skills in decoding words.
- Mastery of cursive writing with transition to keyboarding skills.
- Read with sufficient accuracy and fluency to support comprehension.

WRITING

- Write opinion pieces on topics or texts, supporting a point of view with reasons and information.
- Write informative/explanatory texts to examine a topic and convey ideas and information clearly.
- Write narratives to develop real or imagined experiences or events using effective technique, descriptive details, and clear event sequences.
- Produce clear and coherent writing in which the development and organization are appropriate to task, purpose, and audience.
- Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach.

- Conduct short research projects that use several sources to build knowledge through investigation of different aspects of a topic.
- Write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames.

LANGUAGE CONVENTIONS

- Demonstrate command of the conventions of standard English grammar and usage when writing or speaking.
- Understand the conventions of capitalization, punctuation, and spelling when writing.
- Use knowledge of language and its conventions when writing, speaking, reading, or listening.
- Demonstrate understanding of figurative language, word relationships, and nuances in word meanings.
- Use knowledge of language and its conventions when writing, speaking, reading, or listening.
- Acquire and use accurately grade-appropriate general academic and domain-specific words and phrases, including those that signal contrast, addition, and other logical relationships.

MATHEMATICS

NUMBER and OPERATIONS

- Understand the place value system.
- Perform operations with multi-digit whole numbers and with decimals to hundredths.
- Use equivalent fractions as a strategy to add and subtract fractions.
- Apply and extend previous understandings of multiplication and division to multiply and divide fractions.

*** Revised August, 2016 ***