

## MEASUREMENT and DATA

- Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit.
- Represent and interpret data.
- Geometric measurement: understand concepts of angle and measure angles.

## GEOMETRY

- Draw and identify lines and angles, and classify shapes by properties of their lines and angles.

## 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.

**PRAIRIE-HILLS ELEMENTARY SCHOOL DISTRICT 144**  
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*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 entire school year. For detailed information regarding the Common Core standards, please visit the [www.corestandards.org](http://www.corestandards.org) website or visit [phsd144.net](http://phsd144.net) to review our curriculum maps.***

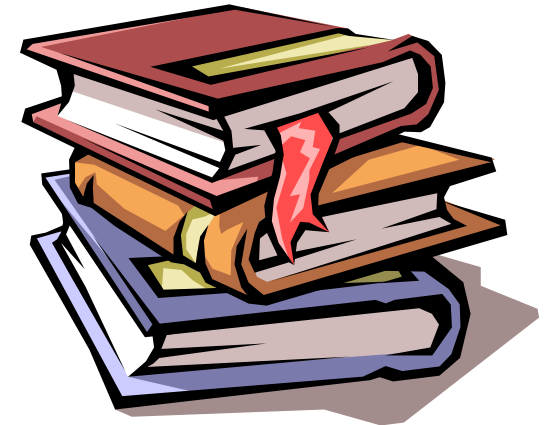
**PRAIRIE-HILLS ELEMENTARY  
SCHOOL DISTRICT 144**



Today's Students.....

Tomorrow's Leaders

## A SNAPSHOT OVERVIEW of Fourth Grade Grade Level Expectations



# Prairie – Hills Elementary School District 144

## READING LITERATURE

- Refer to details and examples in 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; summarize the text.
- Describe in depth a character, setting, or event in a story or drama, drawing on specific details in the text.
- Compare and contrast the treatment of similar themes and topics (e.g., opposition of good and evil) and patterns of events (e.g., the quest) in stories, myths, and traditional literature from different cultures.

## INFORMATIONAL TEXT

- Refer to details and examples in a text when explaining what the text says explicitly and when drawing inferences from the text.
- Determine the main idea of a text and explain how it is supported by key details; summarize the text.
- Interpret information presented visually, orally, or quantitatively (e.g., in charts, graphs, diagrams, time lines, animations, or interactive elements on Web pages) .
- Explain how an author uses reasons and evidence to support particular points in a text.
- By the end of year, read and comprehend informational texts, including history/social studies, science, and technical texts, in the grades 4-5 text complexity band proficiently.

## FOUNDATIONAL SKILLS

- Know and apply grade-level phonics and word analysis skills in decoding words.
- 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, and editing.
- Conduct short research projects that 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 (a single sitting or a day or two) for a range of discipline-specific tasks, purposes, and audiences.

## LANGUAGE

- Demonstrate use of standard English grammar and usage when writing or speaking.

# Fourth Grade Expectations

- Understand the conventions of standard capitalization, punctuation, and spelling when writing.
- Order and compare whole numbers and decimals to two decimal places.
- Use knowledge of language and its conventions when writing, speaking, reading, or listening.
- Determine or clarify the meaning of unknown and multiple-meaning words and phrases.
- Acquire and use accurately grade-appropriate general academic and domain-specific words and phrases.

## MATHEMATICS

### NUMBER and OPERATIONS

- Generalize place value understanding for multi-digit whole numbers.
- Use place value understanding and properties of operations to perform multi-digit arithmetic.
- Extend understanding of fraction equivalence and ordering.
- Build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers.
- Understand decimal notation for fractions, and compare decimal fractions.

### OPERATIONS and ALGEBRAIC THINKING

- Use the four operations with whole numbers to solve problems.
- Gain familiarity with factors and multiples.
- Generate and analyze patterns.