

## MATHEMATICAL PRACTICES

- Make sense of problems and persevere in solving them.
- Reason abstractly and quantitatively.
- Construct viable arguments and critique the reasoning of others.
- Attend to precision.
- Model with mathematics.
- Use appropriate tools strategically.
- Look for and make use of structure.
- Look for and express regularity in repeated reasoning.



PRAIRIE-HILLS ELEMENTARY SCHOOL DISTRICT 144  
3015 W. 163RD STREET      PHONE: (708) 210-2888  
MARKHAM, IL 60428      FAX: (708) 210-9925  
WWW.PHSD144.NET

*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](http://www.corestandards.org) website or visit [phsd144.net](http://phsd144.net) to review our curriculum maps.***

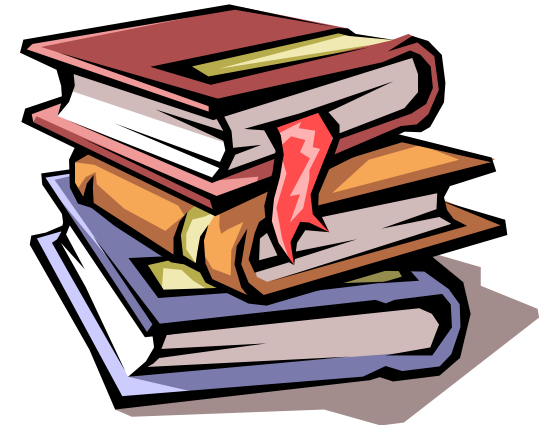
PRAIRIE-HILLS ELEMENTARY  
SCHOOL DISTRICT 144



Today's Students.....

Tomorrow's Leaders

## A SNAPSHOT OVERVIEW of Seventh Grade Grade Level Expectations



## **ENGLISH LANGUAGE ARTS**

*In grade seven, students will continue to develop the ability to cite relevant evidence when interpreting or analyzing a text or supporting their points in speaking and writing. Your child will also build academic vocabulary as he or she reads more complex texts, including stories, plays, historical novels, poems, and informational books and articles. Here are just a few examples of how your child will develop important reading skills across grade levels.*

### **LITERATURE**

- Determine a theme or two or more central ideas of a text and analyze its development over the course of the text; provide an objective summary of the text.
- Analyze how particular elements of a story or drama interact (e.g., how setting shapes the characters or plot).
- Compare and contrast a fictional portrayal of a time, place, or character and a historical account of the same period as a means of understanding how authors of fiction use or alter history.

### **INFORMATIONAL TEXT**

- Analyze the interactions between individuals, events, and ideas in a text (e.g., how ideas influence individuals or events, or how individuals influence ideas or events).
- Trace and evaluate the argument and specific claims in a text, assessing whether the reasoning is sound and the evidence is relevant and sufficient to support the claims.
- By the end of the year, read and comprehend literary nonfiction in the grades 6-8 text complexity band proficiently, with scaffolding as needed at the high end of the range

## **LITERACY IN HISTORY / SOCIAL STUDIES**

- Identify key steps in a text's description of a process related to history/social studies (e.g., how a bill becomes law, how interest rates are raised or lowered).
- Integrate visual information (e.g., in charts, graphs, photographs, videos, or maps) with other information in print and digital texts.
- Distinguish among fact, opinion, and reasoned judgment in a text.

## **LITERACY IN SCIENCE / TECHNICAL SUBJECTS**

- Follow precisely a multistep procedure when carrying out experiments, taking measurements, or performing technical tasks.
- Integrate quantitative or technical information expressed in words in a text with a version of that information expressed visually (e.g., in a flowchart, diagram, model, graph, or table).
- Distinguish among facts, reasoned judgment based on research findings, and speculation in a text.
- Compare and contrast the information gained from experiments, simulations, video, or multimedia sources with that gained from reading a text on the same topic.

### **WRITING**

- Students will write arguments to support claims with clear reasons and relevant evidence.
- Students will write informative/explanatory texts to examine a topic and convey ideas, concepts, and information through the selection, organization, and analysis of relevant content.
- Write narratives to develop real or imagined experiences or events using effective technique, relevant descriptive details, and well-structured event sequences.
- Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience.
- Conduct short research projects to answer a question, drawing on several sources and generating additional related, focused questions for further research and investigation.
- 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 CONVENTIONS**

- Demonstrate command of the conventions of standard English grammar and usage when writing or speaking.
- Demonstrate correct use of standard English capitalization, punctuation, and spelling when writing.
- Demonstrate understanding of figurative language, word relationships, and nuances in word meanings.

## **MATHEMATICS**

### **RATIOS and PROPORTIONAL RELATIONSHIPS**

- Analyze proportional relationships and use them to solve real-world and mathematical problems.

### **THE NUMBER SYSTEM**

- Apply and extend previous understandings of operations with fractions to add, subtract, multiply, and divide rational numbers.

### **EXPRESSIONS and EQUATIONS**

- Use properties of operations to generate equivalent expressions.
- Solve real-life and mathematical problems using numerical and algebraic expressions and equations.

### **GEOMETRY**

- Draw, construct and describe geometrical figures and describe the relationships between them.
- Solve real-life and mathematical problems involving angle measure, area, surface area, and volume.

### **STATISTICS and PROBABILITY**

- Use random sampling to draw inferences about a population.
- Draw informal comparative inferences about two populations.
- Investigate chance processes and develop, use, and evaluate probability models.