



Harrison County School District



Future 4th Graders' Summer Packet

A Look at Next Year...

Reading:

In fourth grade, your child will continue building their reading skills. In addition to reading stories and literature, they will read more texts that provide facts and information in areas including science and social studies. Your child will be expected to understand and summarize what he has learned by referring to details from the text

Mathematics:

In fourth grade, your child will focus on three critical areas. The first is developing understanding and fluency with multi-digit multiplication and developing understanding of dividing to find quotients involving multi-digit dividends. Your child will also focus on developing an understanding of fraction equivalence, addition and subtraction of fractions with like denominators, and multiplication of fractions by whole numbers. The third focus area is understanding that geometric figures can be analyzed and classified based on their properties, such as having parallel sides, perpendicular sides, particular angle measures, and symmetry.

Science:

Grade 4, students will observe, research, and conduct investigations to discover patterns related to energy and change in the world around them. The crosscutting concept can be seen in life science through the study of human body systems, including their functions, interactions, and reliance upon other systems within the body. In physical science, the concept is developed through a study of energy in the forms of heat, light, sound, and electricity, as well as the conservation and transfer of energy from one form to another. The study of Earth science in fourth grade investigates the driving force of energy as it relates to the water cycle and changes in patterns of weather and climate. Students are expected to engage in engineering design practices, conduct research, and communicate their understanding of each standard in a variety of ways. Because of this yearlong study, students will gain research and process skills to build content knowledge that will support arguments about the ways energy and change relate to the world around us.

Helpful Websites

Reading:

<https://www.ixl.com/>
<http://www.starfall.com/>
<http://www.tbcjr.com/home.aspx>
<http://www.bookadventure.com/Home.aspx>
District Summer Reading List

Math:

<https://www.ixl.com/>
https://www.mathplayground.com/grade_4_games.html
<https://www.education.com/games/fourth-grade/math/>
<https://www.splashmath.com/math-skills/fourth-grade>
<https://www.khanacademy.org/math/cc-4th-grade-math>

A Parent Guide to Student Success:

http://www.mde.k12.ms.us/docs/elementary-education-and-reading-library/fgss_4th-grade_print-view.pdf?sfvrsn=2



Important Dates

Harrison County School District registration online (available now):

<http://harrison.ss11.sharpschool.com/cms/One.aspx?portalId=88311&pageId=88338>

July 1: Free and Reduced Lunch Application available on the district website

July 18: Schools will begin accepting Proof of Residency

August 7: First Day of School

<http://www.harrison.k12.ms.us/>



Parents' Guide for Student Success

Activities

Reading/ Language Arts

- **Read, Read, Read.**
- Read stories, dramas, and poetry and discuss theme and summarize the text.
- Read history, social studies, science and technical text and determine the main idea and how it's supported by key details.
- Describe the overall structure of events, ideas, concepts, or information in a text.
- Practice reading multisyllabic words in and out of context.

MAAP

Mississippi Academic Assessment Program

MAAP is designed to measure the 4th grade student achievement on the Mississippi College and Career Readiness Standards for English Language Arts, Math and Science.

Math

- Practice solving multiplication and division word problems that involve an unknown product, an unknown group size, and/or number of groups unknown.
- Write multi-digit whole numbers in expanded form ($2,436 = 2,000 + 400 + 30 + 6$)
- Round multi-digit whole numbers up to the millions place.
- Plot, label, and identify fractions on a number line.
- Create equivalent fraction by finding common denominators.
- Decompose and compose fractions
- Construct examples of angles and triangles that are acute, right, or obtuse.

Science

- Use the Scientific Method to create and test an experiment
- Compare and contrast life cycles of familiar plants and animals
- Obtain and communicate information about scientists who pioneered in the science of sound, (e.g., Alexander Graham Bell, Robert Boyle, Daniel Bernoulli, and Guglielmo Marconi) through research

Science and Engineering Practices

- Asking questions (for science) and defining problems (for engineering)
- Developing and using models
- Planning and carrying out investigations
- Analyzing and interpreting data
- Using mathematics and computational thinking
- Constructing explanations (for science) and designing solutions (for engineering)
- Engaging in argument from evidence
- Obtaining, evaluating, and communicating information

Check the district website for the Summer Reading list and the Summer Feeding schedule