



# Harrison County School District



## Future 5th Graders' Summer Packet A Look at Next Year...

### **English/Language Arts:**

In 5<sup>th</sup> grade reading, your child will continue reading and writing, but in addition to stories and literature, they will read more texts that provide facts and background knowledge in areas including science and social studies. There will be an increased emphasis on building a strong vocabulary so that your child can read and understand more challenging material. They will be expected to understand and clearly summarize what they have learned from readings and classroom discussions, referring to specific evidence and details from text.

### **Mathematics:**

In 5<sup>th</sup> grade math, your child will focus on three critical areas: (1) fluency with addition/subtraction of fractions and develop an understanding of the multiplication/division of fractions in limited cases (unit fractions divided by whole numbers and whole numbers divided by unit fractions), (2) division to 2-digit divisors, integrating decimal fractions into the place value system and developing understanding of operations with decimals to hundredths, and developing fluency with whole number and decimal operations, and (3) developing understanding of volume.

### **Science:**

In grade 5, students will model processes, provide evidence to support arguments, and obtain and display data about relationships among a variety of systems. There are 3 focus areas: Life Science, Physical Science, and Earth & Space.  
Life Science – transfer of energy through all parts of the food web, food chain, & ecosystem  
Physical Science – study of matter, laws of motion, gravity's effect on an object, and examination of forces in motion  
Earth & Space – relationship between bodies of our solar system and human interaction with Earth  
Students are expected to focus on the design aspect of these 3 core areas.

## Helpful Websites

### **English/Language Arts:**

[www.harrison.k12.ms.us](http://www.harrison.k12.ms.us) **District Summer Reading List**  
<http://www.tbcjr.com/home.aspx>  
<http://www.bookadventure.com/Home.aspx>  
<https://kids.nationalgeographic.com/>  
<https://www.typing.com/>  
<http://www.tbcjr.com/home.aspx>

### **Math:**

<https://www.ixl.com/>  
[https://www.mathplayground.com/grade\\_5\\_games.html](https://www.mathplayground.com/grade_5_games.html)  
<https://www.education.com/games/fifth-grade/math/>  
<https://www.splashmath.com/math-skills/fifth-grade>  
<https://www.khanacademy.org/>  
<http://www.multiplication.com/>

### **Science:**

[www.edheads.org](http://www.edheads.org)  
[www.studyjams.com](http://www.studyjams.com)  
[www.khanacademy.org/science](http://www.khanacademy.org/science)

## Important Dates



Harrison County School District registration online:  
<http://harrison.ss11.sharpschool.com/cms/One.aspx?portalId=88311&pageId=88338>

July 1, 2018 – Check district website for Free/Reduced lunch application

July 18, 2018 - Schools will begin accepting Proof of Residency

August 7, 2018 - First Day of School

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



# Parents' Guide for Student Success

## Activities

### Reading/Language Arts

- Have each family member collect interesting words they heard that day. Share with each other what the meanings of the words are.
- Watch a news or sports broadcast. Summarize the main points from the broadcast.
- Read your favorite novel. Write about how the character's decisions or choices changed the events or actions that occurred in the story.
- Familiarize yourself with these prefixes, suffixes, and roots. Generate additional examples for each:

Prefix	Definition	Examples
fore-	before, earlier	forearm, foreword
semi-	half	semicircle, semicolon
anti-	opposite, against	antibiotic, antifreeze
poly-	many/ much	polygon, polysyllable
deca- deci-	ten	decathlon, decade, decimal, decimeter
kilo-	1,000	kilogram, kilowatt
milli- mille-	1,000	millennium, millimeter
centi-	100	centimeter, centipede
Suffix	Definition	Examples
-able -ible	can be done	enjoyable, sensible, likable
-logy -ology	Science or study of	biology, chronology
-ence -ance	act/ condition of	persistence, assistance, importance
Root	Definition	Examples
ject	to throw	inject, objection, project
struct	to build	construct, instructor
vis	to see	vision, evidence
path	feeling/ suffering/ disease	apathetic, pathology
dict	to say, tell	dictation, dictator

### MAAP

#### Mississippi Academic Assessment Program

MAAP is designed to measure 5<sup>th</sup> grade student achievement on the Mississippi College and Career Readiness Standards for English Language Arts, Math, and Science.

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

### Math

- Have someone write a variety of decimal numbers. Practice writing them in word form, expanded form, and order/compare the decimals.
- Use money from a board game to divide large numbers...\$28,356 divided between 12 people.
- While shopping, add the prices of each item to determine the pre-tax amount of the bill? How much will it be with tax?
- Tape a number line on the floor. Use decimal numbers written on cards and place them on the correct spot on the number line.
- Maintain your multiplication facts by seeing how many basic facts you can answer correctly in 1 minute.
- A Parent Guide to Student Success: <http://www.mde.k12.ms.us/ESE/links/response-to-intervention-teacher-support-team/family-guides-for-student-success>

### Science

- Use the Scientific Method to create and test an experiment
- Use different surface areas (hard wood, sand paper, carpet, etc.) to test the effects of friction on a toy car
- Develop a plan of action to help your neighborhood or community recover from a natural disaster
- Practice reading charts and graphs

#### 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