Fulton County Schools
Where Students Come First

PARENT'S GUIDE TO STUDENT SUCCESS FOR ENTERING

GRADE 6

ACADEMIC STANDARDS

The Academic Standards, or essential skills, provided in this guide address all of the important content knowledge students should know to be successful entering into Grade 6. Essential skills are provided for English Language Arts, Mathematics, Science, and Social Studies.

HOW CAN I HELP MY CHILD?

There are many things we can do to support our children at home to encourage learning over the summer. Summer Learning experiences should be engaging and meaningful for students. Below are some helpful tips:

- keep learning to 15-30 minute sessions
- incorporate hands-on learning when possible
- develop a learning partnership with your child when planning out learning sessions
- have fun

READING & ENGLISH LANGUAGE ARTS

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The Georgia Standards of Excellence require that students gain, evaluate, and present increasingly complex information, ideas and evidence through listening and speaking as well as through media. The standards recognize that students must be able to use formal English in their writing and speaking but that they must also be able to make informed, skillful choices among the many ways to express themselves through language (gadoe.org)

ESSENTIAL SKILLS

- Determine the meaning of words or phrases as they are used in text, including figurative
- Determine a theme from details in text and explain how the details support the theme
- Use text structure to determine two or more main ideas of a text
- Use Greek and Latin affixes and roots as clues to the meaning of a word

MATHEMATICS

The Georgia Mathematics standards are designed to help learners achieve a balance among concepts, skills, and problem solving. They provide clear expectations for curriculum, instruction, assessment, and student work. The standards stress rigorous concept development and real-world applications while maintaining a strong emphasis on computational and procedural skills. (gadoe.org)

ESSENTIAL SKILLS

- Use parentheses, brackets and braces to evaluate numerical expressions
- Perform operations with multi-digit whole numbers and with decimals to hundredths
- Solve word problems involving addition and subtraction of unlike fractions
- Apply and extend previous understandings of multiplication and division to multiply fractions
- Geometric measurement: understand concepts of volume and relate volume to multiplication and to addition
- Fluently divide up to 4-digit dividends and 2-digit divisors using a strategy

SCIENCE

- Compare and contrast the Earth's crust, mantle, inner and outer core, including temperature, density, thickness, and composition
- Classify rocks by their formation and describe how rocks change through geologic processes in the rock cycle
- Describe the uses and conservation of various natural resources and how they impact the Earth

- Illustrate the role of the sun's energy in atmospheric conditions that lead to the cycling of water
- Explanation of the relationship between air pressure, weather fronts, and air masses and meteorological events such as tornados and thunderstorms

SOCIAL STUDIES

The Social Studies Frameworks provide one way that teachers, schools, and districts might organize and teach the Georgia Standards of Excellence (GSE) within units. Units and frameworks align to connecting themes and enduring understandings that transcend units and courses. Ultimately, the enduring understandings are what students will take from a course that applies to life beyond school. All units and frameworks are designed to promote inquiry. (gadoe.org)

ESSENTIAL SKILLS

- Explain the impact of poverty, the war on drugs, and migration to the United States on Latin America
- Explain the impact of environmental issues in Latin America
- Describe factors that influence economic growth and examine their presence or absence in Australia
- Compare and contrast different types of trade barriers, such as tariffs, quotas, and embargos
- Explain environmental issues in Europe
- Compare how traditional, command, and market economies answer the economic questions of 1-what to produce, 2-how to produce, and 3-for whom to produce

SCIENCE

The Science Frameworks provide one way that teachers, schools, and districts might organize and teach the Georgia Standards of Excellence withing units. Frameworks include curriculum maps, pacing guides, and instructional segments. All segments are phenomenon-based and are structured in a 5E format. In addition, each instructional segment includes dedicated supports for struggling learners. (gadoe.org)

ESSENTIAL SKILLS

- Compare and contrast the Earth's crust, mantle, inner and outer core, including temperature, density, thickness, and composition
- Classify rocks by their formation and describe how rocks change through geologic processes in the rock cycle
- Describe the uses and conservation of various natural resources and how they impact the Earth
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SUGGESTED SUMMER READING

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SUMMER READING INFORMATION

For students who are learning to read, the recommendation is to practice reading with an adult for 20 minutes per day. Stronger readers can either read independently, or to an adult for 20 minutes per day. All books have been curated in a digital district platform called MackinVIA.

INFORMATIONAL TEXT SUGGESTIONS

- Peculiar Nature (Anything but Ordinary)
- How I Became a Spy

ADDITIONAL SUMMER READING

- For more books follow the link for digital resources.

DIGITAL RESOURCES
Directions for navigating are linked below.

- https://www.fcssummerreading.org/

ACTIVITIES YOU CAN DO AT HOME

i-Ready

- i-Ready recommendation is 3 times a week for 15 minutes per day.
- bit.ly/FCSireadyParents

Grade 5 Reading and Math Activities

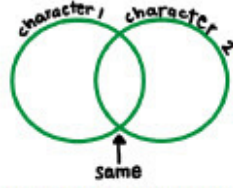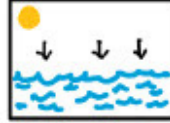| Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Practice multiplication and division facts within 100 (0x0 to 10x10). For 5 minutes each day. Make flash cards today to use for the month. (M)	What was the theme in your independent reading text? What evidence do you have that this is the theme?	Molly had 417 flowers. She put the same amount of flowers in each of 18 vases. How many flowers were in each vase? Did she have any flowers left over? (M)	Describe and compare two main characters in your independent reading text.	Roll 3 dice to build a decimal to the thousandths (e.g., 2, 4, and 3 is 0.243). Have your partner do the same. Whose decimal has a greater value? How do you know? (M)	The roots aqua and hydr mean "water" so what is an aquarium? What does the word hydrophobia mean?	Kellen ran 2¼ miles and Blake ran 1½ miles. How much farther did Kellen run? (M)
Create a simile to describe someone in your family.	Solve: 4 + 6 x 7 – 8 = n Tell how you know your answer is correct. (M)	List 5 words that contain the affix aud¦, which means to hear or listen.	Write a story problem you could solve with this equation: 425 ÷ 15 = __. Tell the answer. (M)	List 5 words that contain the affix acu--, which means to sharp.	Think of a story problem you could solve with this equation: 1.5 x 5 = __. Tell the answer. (M)	"My brother's room is like a disaster area." Is this a simile or metaphor? How do you know?
Each player rolls 2 dice and makes a 2-digit number, then reverses the digits to make another 2-digit number (e.g., 36 and 63). Players find the product of their 2 numbers. The greater product wins. (M)	"Your brain is a powerful computer." Is this a simile or metaphor? How do you know?	On Saturday 3/4 of a 5th grade class went to see a new movie. If 1/2 of the class went to the afternoon session, what fraction of the class went to the evening session. (M)	Think of an idiom. Write it down as well as the meaning.	Six friends have 4 sandwiches to share. What fraction of a sandwich would each person get? (M)	Read an informational text. Summarize the important information for someone else.	Use four 4's to create problems that will equal 1-12. Remember to use the correct order of operations to solve your problems: Parentheses, Exponents, Multiply or Divide, Add or Subtract. (M)
Read an informational text. What was the main idea of the text? What details support that idea?	Evan bought 6 roses for his mother. 2/3 of them were red. How many red roses were there? Prove your answer. (M)	Read an informational text. What was the main idea of the text? What text structure did the author use?	.75 is the answer. What could the question possibly be? Challenge yourself to think of more questions. (M)	What do these metaphors mean? The snow is a white blanket. Tom's eyes were ice as he stared at her.	If you buy 3 books at $3.95 each, how much change would you get from $20.00? (M)	How many books have you finished so far? What is your goal in 3 weeks? Make a plan to reach this goal.

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Adapted Curriculum Elementary School Activities You Can Do At Home
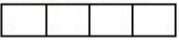
Reading	Mathematics	Health	Special Areas
Choose one activity from each column			
Finish the story starter, "My favorite thing to do in the summer is …" Draw a picture to match your story.	Identify coins that are in your house. Add and subtract coins.	Practice dribbling a ball	Draw your family and write a sentence about them
Listen to a story on Storyline Online (www.storylineonline.net) or to a family member read you a book	Jump up and down 30 times and count out loud	Create a poster about the main food groups	Take a walk and write a list of things you see
After reading a story, lists the events of the story in order. First _____ Next _____ Then _____ Finally _____	Write numbers 0-50. Then, count by 2's and put a circle around each number	EXERCISE Stand on your toes Clap hands over your head Stand on one foot Clap hands behind your back Repeat 5 times	Play Tic Tac Toe with a family member. Keep count how many times you win.
Write upper case letters in blue. Write lowercase letters in red	Count to 20. Then, count backwards from 20	Watch the Video https://www.youtube.com/watch?v=Vr6GQN-z_2s Then, practice washing your hands	Ask an adult to help you make a grilled cheese sandwich

ESOL ACTIVITIES YOU CAN DO AT HOME

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Grade 5 Reading and Math Activities with Scaffolds for ELs

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Make flashcards for multiplication and division facts within 100 (0x0 to 10x10). Practice multiplication and division facts using the flashcards for 5 minutes each day. (M) 10×10 $100 \div 10 =$	Plan to read for at least 15 minutes each day. What is the theme in your independent reading text? What **evidence** do you have that this is the theme? **Theme** The message or lesson that the author wants you to take away from the story. Ask: • What did the characters learn? • How did the characters grow? **Common Themes:** loyalty friendship hope love hard work teamwork honesty forgiveness	Molly has 417 flowers and 18 vases. She puts the same number of flowers in each vase. (M) How many flowers are in each vase? ____ ÷ ____ = ____ ? How many flowers are left? ____ flower vase	Describe and compare two main characters in your independent reading text. Draw and use a graphic organizer like the one below. character 1 character 2 same Tell a family member: ____ and ____ are alike because _____. ____ and ____ are different because ___.	Roll 3 dice to build a decimal to the thousandths. If you do not have dice, ask a family member for 3 single digit numbers between 0 and 9. Example: 3, 5, and 6 is 0.356 Roll the dice again and build another decimal. Which decimal has a greater value? How do you know? (M) Use this sentence frame for help: _____ is greater than _____ because_____.	The roots *aqua* and *hydr* mean "water." You can use Google to help you find the meaning of the words. 1) aquarium 2) hydrophobia Draw a picture and write a sentence for each word. Tell a family member about the two words.	Jen ran 2 ¾ miles. Sam ran 1 ½ miles. How much *farther* did Jen run? (M) Tell a family member how you solved the problem. Use these sentences to help you: Jen ran ____ miles farther than Sam. I solved this by _____.
A simile is a figure of speech that compares two different things. The simile is usually in a phrase that begins with the words "as" or "like." Create a **simile** to describe someone in your family. My dog is as smelly as dirty socks.	Solve: $4 + 6 \times 7 - 8 = n$ Hint: Multiply left-to-right and then add and subtract left-to-right. (M) Tell someone in your family how you know your answer is correct. Use this sentence to help you: I know $n =$ ____ because _____.	The affix *aud*- means to hear or listen. You can use Google to help you find the meaning of the words. 1) auditory 2) auditorium 3) audio Draw a picture and write a sentence for each word. Tell a family member about the three words.	Write a story problem you could solve with the equation below. Read it to someone in your family. (M) $425 \div 15 =$ _____. Example: There are 425 kids and 15 tables in the cafeteria. How many kids sit at each table? There are ___ kids sitting at each table.	The affix *acu*- means sharp. You can use Google to help you find the meaning of the words. 1) acute 2) accurate 3) acupuncture Draw a picture and write a sentence for each word. Tell a family member about the three words.	Write a story problem you could solve with the equation below. Read it to someone in your family. (M) $1.5 \times 5 =$ _____. Example: 5 friends eat 1.5 donuts each. How many donuts did they eat in all? They ate ____ donuts in all.	"My little brother is a tornado." Is this a simile or metaphor? How do you know? Tell a family member: This is a ____. I know this because _____.

ESOL ACTIVITIES YOU CAN DO AT HOME

Grade 5 Reading and Math Activities with Scaffolds for ELs

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Dice Game 1) Each player rolls 2 dice and makes a 2-digit number. 2) Reverse the digits to make another 2-digit number. Example: 56 and 65. If you don't have dice, make pieces of paper with the numbers 1-6 and draw from a pile. 3) Find the **product** of the 2 numbers. Example: 56 x 65 = 3,640 4) The greater product wins!	"Your brain is a powerful computer." Is this a **simile** or **metaphor**? How do you know? Tell a family member: This is a _____. I know this because _____.	3/4 of a 5th grade class saw a movie. 1/2 of the 5th grade class saw the movie in the morning. What fraction of the class saw the movie in the afternoon? Write the equation: ____ - ____ = ____ Tell a family member how you solved the problem. (M)	An **idiom** is an expression that means something different than the words say. Draw and write an idiom and its meaning. The Idiom I have butterflies in my tummy. MEANS I am nervous.	6 friends share 4 sandwiches. What fraction of a sandwich does each person get? (M) Hint: draw a picture to help you get started. ____ ÷ ____ = __? Tell someone in your family how you solved the problem.	Read an informational text. **Summarize** (retell in your own words) the important information for someone else. Use these prompts to help you: • Use questioning strategy – Who or what? When? Where? Why? How? • Retell in a logical order. • Leave out unimportant details.	Use four 4's to create problems that will equal 0-12. (M) Use the correct order of operations: **Order of Operations** **P**arentheses ( ) **E**xponents 3² **M**ultiply x **D**ivide ÷ **A**dd + **S**ubtract − Example: (4-4)+ (4-4) = 0
Read an informational text. What was the **main idea** of the text? What details support that idea? Main Idea What the text is about. Main Idea Details Tell a family member about the main idea and details. Use this sentence to help you: The main idea is_____. I know because_____.	Evan bought 6 roses for his mother. (M) 2/3 of them were **red** and the rest were white. How many **red** roses were there? Hint: draw a picture to help you get started. Prove your answer: 2/3 x _____ = _____ Tell a family member how you solved the problem.	Read an informational text. **Main idea** is what a text is about. What is the main idea of the text you read? What **text structure** did the author use? Text Structures Description	Sequence Compare and Contrast	cause and effect problem and solution	.75 is the answer. What could the question possibly be? (M) Challenge yourself to think of more questions. Example: I have $1.00 to buy candy. If I buy a candy for $.25 I will have $.75 left.	The two sentences below are **metaphors**. The snow is a white blanket. Tom's eyes were ice as he stared at her. Write two metaphors to describe someone or something in your house.	If you buy 3 books at $3.95 each, how much change would you get from $20.00? (M) $3.95 x 3 = __? $20 - __? = _____. Tell a family member how you solved the problem.	Tell a family member how many books you have read this summer. Share your reading *goal* for the next 3 weeks. Use these sentences to help you: I have read ____ books. In the next 3 weeks, I will read _____ books.