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

**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 4. Essential skills are provided for English Language Arts, Mathematics, Science, and Social Studies.
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**

- Decode words with common Latin suffixes
- Determine the central message, lesson, or moral in a story and explain how it is supported (or shown) by key details
- Describe character(s)'s traits, motivations, and feelings in a story
- Determine the main idea of a text and explain how key details support the main idea
- Describe relationships between a series of events or scientific concepts
- Determine the meaning of the new word formed when a known affix is added to a known word
- Use a known root word as a clue to the meaning of an unknown word with the same root

**SOCIAL STUDIES**

- Identify rights in the Bill of Rights
- Describe opportunity cost
- Describe key individuals during the American Revolution
- Describe the impact of westward expansion on American Indians
- Identify the roles of key individuals in the Civil War
ESSENTIAL SKILLS

• Use multiplication and division within 100 to solve word problems
• Fluently add/subtract within 1000 using strategies
• Solve two-step word problems involving the four operations, using a letter for the unknown
• Partition shapes into parts with equal areas
• Understand that fractions are composed of unit fractions
• Explain equivalent fractions. Compare fractions

• Understand concepts of area and relate area to multiplication and to addition

SCIENCE

• Illustrate the multiple pathways water may take during the water cycle
• Explain the differences between stars and planets
• Describe the path light travels from a light source to a mirror and how it is reflected by the mirror
• Explain how the gravitational force affects the motion of an object

• Use everyday objects to produce sound and predict the effects of changing the strength or speed of vibrations on the sound produced
• Describe and illustrate the flow of energy through a food web/food chain beginning with sunlight and including producers, consumers, and decomposers
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
- ADVENTURES IN SOUND WITH MAX AXIOM SUPER SCIENTIST
- Overground Railroad
- Benjamin Franklin (My Itty-Bitty Bio)
- Enduring the Oregon Trail: A This or That Debate

ADDITIONAL SUMMER READING
- Scooby Doo! The Magnetic Monster
- Honeybee: The Busy Life of Apis Mellifera
- 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 recommendation** is 3 times a week for 15 minutes per day.
- bit.ly/FCSireadyParents

---

**Grade 3 Reading and Math Activities**

<table>
<thead>
<tr>
<th>Sunday</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
<th>Saturday</th>
</tr>
</thead>
<tbody>
<tr>
<td>Practice multiplication and division facts within 100 (0x0 to 10x10). For 5 minutes each day. Make flash cards today to use for the month.</td>
<td>Chose a fiction book to read. Plan to read for at least 15 minutes each day.</td>
<td>Roll 2 dice to make a multiplication fact (e.g., roll a 3 and 5 and make 3x5=15). Draw an array to show the fact.</td>
<td>Tell someone in your home about the characters in your book. Describe the main character’s trait, feelings and motivations.</td>
<td>At the ballpark, the first ticket sold on Tuesday was ticket number 121. The last ticket sold on Tuesday was 488. How many tickets were sold on Tuesday?</td>
<td>What is the central message, lesson or moral in the story you are reading? Use the key details in your book to explain to someone in your house.</td>
<td>Provide your child with missing factor problems: 6 times what number equals 18?</td>
</tr>
<tr>
<td>Think about the plot of your book. Tell someone the relationship of between the series of events.</td>
<td>Ask questions like 25 students share 5 books. How many books does each child get?</td>
<td>What does the root sub mean? Write a word that contains this root.</td>
<td>Use the numbers 3, 5, and 15 to write a multiplication number story. Write a related division story. Write a number sentence for each story.</td>
<td>Word: subterranean First root _____ Second root _____ Meaning? _____ (you may look it up)</td>
<td>Write an equation showing how 12 cookies could be shared between 2, 3, 4, and 6 children.</td>
<td>Word: submarine First root _____ Second root _____ Meaning? _____ (you may look it up)</td>
</tr>
<tr>
<td>Divide the pizza into equal parts so each person in your family gets one piece. Label the fraction of one piece.</td>
<td>The root co-means together. What does the word coworker mean?</td>
<td>Would you rather have ¼ or ⅔ of a brownie? Explain. Would you rather have 2/6 or 5/6 of a brownie? Explain.</td>
<td>Word: cooperate Prefix: _____ Base: _____ Suffix: _____ Meaning: _____ (you may look it up)</td>
<td>What fractions mean the same as ⅔? How can you tell if a fraction is equivalent to ⅔?</td>
<td>Word: converse Prefix: _____ Base: _____ Suffix: _____ Meaning: _____ (you may look it up)</td>
<td>Draw a pizza. Divide the pizza into equal parts so each person in your family gets one piece. Label the fraction of one piece.</td>
</tr>
<tr>
<td>Word: Happier What does the -er mean in this word? Write your own list of words that have the -er ending.</td>
<td>Write down your house number. Add 756 to the number in your address. Add 38 to that total.</td>
<td>Identify the prefix in each word. What does the prefix mean in the following words: unusual inexpensive dislike Can you think of another word that contains each prefix above?</td>
<td>Rosa made 56 cupcakes. She put 8 cupcakes into each box and sold the boxes for $3.00 each. How much money did Rosa receive?</td>
<td>Identify the suffix in each word. What does the suffix mean in the following words: careless beautiful Can you think of another word that contains each suffix above?</td>
<td>Use the array to write an addition and a multiplication equation. Use as many words as you can that contain this root.</td>
<td>What does the Latin root aqua mean?</td>
</tr>
</tbody>
</table>
## ACTIVITIES YOU CAN DO AT HOME

**Adapted Curriculum Elementary School Activities You Can Do At Home**

<table>
<thead>
<tr>
<th>Reading</th>
<th>Mathematics</th>
<th>Health</th>
<th>Special Areas</th>
</tr>
</thead>
<tbody>
<tr>
<td>Choose one activity from each column</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Reading
- Finish the story starter, “My favorite thing to do in the summer is …” Draw a picture to match your story.
- After reading a story, lists the events of the story in order.
  - First ____________
  - Next ____________
  - Then ____________
  - Finally ____________
- Write upper case letters in blue. Write lowercase letters in red

### Mathematics
- Identify coins that are in your house. Add and subtract coins.
- Write numbers 0-50. Then, count by 2’s and put a circle around each number
- Count to 20. Then, count backwards from 20

### Health
- Practice dribbling a ball
- Jump up and down 30 times and count out loud
- Create a poster about the main food groups

### Special Areas
- Draw your family and write a sentence about them
- Take a walk and write a list of things you see
- Play Tic Tac Toe with a family member.
  - Keep count how many times you win.
- Watch the Video [https://www.youtube.com/watch?v=Vr6GON-z_2s](https://www.youtube.com/watch?v=Vr6GON-z_2s)
- Ask an adult to help you make a grilled cheese sandwich

---

*Storyline Online*
- Listen to a story on Storyline Online ([www.storylineonline.net](http://www.storylineonline.net)) or to a family member read you a book.
<table>
<thead>
<tr>
<th>Sunday</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
<th>Saturday</th>
</tr>
</thead>
<tbody>
<tr>
<td>Draw a pizza. Divide the pizza into equal parts so each person in your family gets one piece. Label the fraction for one piece of the pizza. Tell a family member what fraction of the pizza they will get. (M)</td>
<td>The prefix co means “together”. Match the words below with the sentences.</td>
<td>Would you rather have ( \frac{1}{4} ) or ( \frac{1}{3} ) of a brownie? Explain why to a family member.</td>
<td>Complete the following sentences on your own paper. You may use Google to help you find the meaning of the word.</td>
<td>Draw a picture of something that shows the fraction ( \frac{1}{4} ). Draw another picture of a fraction that is equivalent to ( \frac{1}{2} ). Use the sentence frame below to tell a family member how you can tell if a fraction is equivalent to ( \frac{1}{2} ) ? (M)</td>
<td>Complete the following sentences on your own paper. You may use Google to help you find the meaning of the word.</td>
<td>Draw a pie. Divide the pie into equal parts so you and 3 friends each get one piece. Label the fraction of one piece of the pie. (M)</td>
</tr>
<tr>
<td><img src="pizza.png" alt="Pizza" /></td>
<td><img src="coworker.png" alt="Coworker" /></td>
<td><img src="pilot.png" alt="Pilot" /></td>
<td><img src="words.png" alt="Words" /></td>
<td><img src="fraction.png" alt="Fraction" /></td>
<td><img src="sentence.png" alt="Sentence" /></td>
<td><img src="pie.png" alt="Pie" /></td>
</tr>
</tbody>
</table>

### Grade 3 Reading and Math Activities with Scaffolds for ELs

**Sunday**
- Draw a pizza. Divide the pizza into equal parts so each person in your family gets one piece. Label the fraction for one piece of the pizza. Tell a family member what fraction of the pizza they will get. (M)

**Monday**
- The prefix co means “together”. Match the words below with the sentences.
  - Coworker
  - Coauthor

**Tuesday**
- Would you rather have \( \frac{1}{4} \) or \( \frac{1}{3} \) of a brownie? Explain why to a family member.
- Would you rather have 2/6 or 5/6 of a brownie? Explain. (M)

**Wednesday**
- Complete the following sentences on your own paper. You may use Google to help you find the meaning of the word.
- **Word**: cooperate
  - The prefix in the word is __________.
  - The base word is __________.
  - The meaning of cooperate is __________.

**Thursday**
- Draw a picture of something that shows the fraction \( \frac{1}{4} \). Draw another picture of a fraction that is equivalent to \( \frac{1}{2} \). Use the sentence frame below to tell a family member how you can tell if a fraction is equivalent to \( \frac{1}{2} \) ? (M)
- Use the sentences below to help you:
  - A fraction is equivalent to \( \frac{1}{2} \) if _____.
  - \( \frac{1}{2} \) is equivalent to ____ because _____.

**Friday**
- Complete the following sentences on your own paper. You may use Google to help you find the meaning of the word.
- **Word**: copay
  - The prefix in the word is __________.
  - The base word is __________.
  - The meaning of copay is __________.

**Saturday**
- Draw a pie. Divide the pie into equal parts so you and 3 friends each get one piece. Label the fraction of one piece of the pie. (M)

### Word: Happier
- What does the –er in the word happier mean?

### Write your own list of words that have the –er ending.

### Choose three –er words from your list and write a sentence for each word. Read the sentences to a family member.

### Write down the house/apartment/number from your address. Add 256 to that number. Then, add 38 to that total. (M)

**Example:** My address is 520 Ivy Road, so I do the following:

<table>
<thead>
<tr>
<th>word</th>
<th>prefix</th>
<th>prefix meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>520</td>
<td>256</td>
<td>38</td>
</tr>
</tbody>
</table>

### Use your own paper to complete the graphic organizer below for the following words.

**words:** unusual inexpensive dislike

### Rosa made 56 cupcakes. She put 8 cupcakes into each box and sold the boxes for $3.00 each. How much money did Rosa earn if she sold all the cupcakes? (M)

**Example:**

<table>
<thead>
<tr>
<th>word</th>
<th>suffix</th>
<th>suffix meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Use the array below to write an addition and a multiplication equation. (M)

**Example:**

<table>
<thead>
<tr>
<th>word</th>
<th>word</th>
<th>word</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>7</td>
<td>8</td>
</tr>
</tbody>
</table>

### The root aqua means water.
- Write as many words you can think of that contain the root –aqua. Then write their meanings and draw a picture for each word. You may use Google to help you.
### Grade 3 Reading and Math Activities with Scaffolds for ELs

<table>
<thead>
<tr>
<th>Sunday</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
<th>Saturday</th>
</tr>
</thead>
<tbody>
<tr>
<td>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)</td>
<td>Plan to read for at least 15 minutes each day. Choose a book to read or listen to a selection from Storyline Online. <a href="http://www.storylineonline.net">www.storylineonline.net</a></td>
<td>Roll 2 dice to make a multiplication fact (e.g., roll a 3 and 4 and make 2x3=12). If you don’t have any dice, think of two one-digit numbers to make a multiplication fact. (M)</td>
<td>Draw and label the main character from your book and complete a chart like the one below listing the character’s traits, feelings, and motivations.</td>
<td>At the ballpark, the first ticket sold on Tuesday was ticket number 421. The last ticket sold on Tuesday was 488. How many tickets were sold on Tuesday? (M)</td>
<td>Make a graphic organizer like the one below. Using the sentence frame below, write the central message, lesson or moral of the book you are reading. List the key supporting details in the boxes.</td>
<td>Solve the math fact problems below and say the multiplication fact to a family member using the sentence frame for help. (M)</td>
</tr>
<tr>
<td><img src="image1.png" alt="Flashcards" /></td>
<td><img src="image2.png" alt="Storyline" /></td>
<td><img src="image3.png" alt="Dice" /></td>
<td><img src="image4.png" alt="Character Chart" /></td>
<td><img src="image5.png" alt="Ticket Numbers" /></td>
<td><img src="image6.png" alt="Graphic Organizer" /></td>
<td><img src="image7.png" alt="Math Facts" /></td>
</tr>
</tbody>
</table>

#### Example:

**Six times** ___ equals eighteen.

| 6 x ___ = 18 |
| ___ x 7 = 49 |
| 4 x ___ = 20 |
| ___ x 3 = 24 |
| 5 x 7 = ___ |

---

<table>
<thead>
<tr>
<th>Sunday</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
<th>Saturday</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pick one important event in your book and tell a family member what led to that event. Add as many details as you can. Use the sentence below if you need help.</td>
<td>Read the number stories below. Write a number sentence for each story. Tell a family member the number sentences and how you solved each one. (M)</td>
<td>The prefix sub means “under” or “below”. Match the words below with the sentences.</td>
<td>Use the numbers 3, 5, and 15 to write a multiplication number story. Then write a division story about the same topic. Write a number sentence for each story. (M)</td>
<td>Complete the following sentences on your own paper. You may use Google to help you find the meaning of the word.</td>
<td>Draw and write an equation showing how 12 cookies could be shared between 2, 3, 4, and 6 children. (M)</td>
<td>Complete the following sentences on your own paper. You may use Google to help you find the meaning of the word.</td>
</tr>
<tr>
<td><img src="image8.png" alt="Sentence" /></td>
<td><img src="image9.png" alt="Number Stories" /></td>
<td><img src="image10.png" alt="Words" /></td>
<td><img src="image11.png" alt="Multiplication and Division" /></td>
<td><img src="image12.png" alt="Sentence Completion" /></td>
<td><img src="image13.png" alt="Equation" /></td>
<td><img src="image14.png" alt="Word Completion" /></td>
</tr>
</tbody>
</table>

#### Example:

1. The ____ moved through the ocean.
2. When we visited New York, we rode the ____ to get around town.
3. We had a ____ yesterday because my teacher was sick.

**Word:** *subterranean*

- **The prefix in the word is:** __________
- **The root in the word is:** __________
- **The meaning of *subterranean* is:** __________

**Word:** *submarine*

- **The prefix root in the word is:** __________
- **The root in the word is:** __________
- **The meaning of *submarine* is:** __________