

Summer Enrichment for Students Entering Fourth Grade



Dear Crusader Families and Friends,

We are providing these summer enrichment activities for children entering grades kindergarten through eighth grade. Working with your child throughout the summer will lessen the likelihood of the “summer slide,” which is a phrase used to describe the slide backwards that many children experience in reading and math skills over the summer. You can combat the “summer slide” by encouraging your child to devote a small bit of time each day to keeping up skills.








Countless studies show that reading is one of the single most important things a child of any age can do. Reading strengthens vocabulary, exercises the brain, improves concentration, improves language skills, develops imagination, and helps children to develop empathy.




We hope you find these activities helpful! Take time to preview the activities together. We encourage you to have your child create a summer journal.





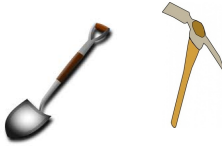
Thank you for partnering with us in your child’s education!

Sincerely Yours in Christ,


Betsy Davenport
Principal
Holy Cross Catholic School

Fluency	Comprehension	Journal Entry/Writing	Vocabulary	Word Work	Library Visit
					
Invite a friend over to read together. Read for at least 26 minutes.	Write a review for a library book that you read.	Start a Reader's & Writer's Journal with your family and friends. For each text you read, use your journal as a place to record your wonderings, questions, and new words you've learned.	Write three sentences about your day using alliteration. Example: <i>We whistled while we walked to the weenie wagon.</i>	How many words can you make with these letters? a, e, e, i, c, c, f, k, r, r, r, s Create at least 15 words. Write them in your journal. Sort the words into 2 columns: long vowels and short vowels. Use all letters to find the magic word.	Check out a book that teaches you how to juggle, or learn another cool trick!
Read the first chapter or the first few pages of a new book. Read it slow at first, and then read it again this time a little faster.	What does it take to be a juggler? What skills does a juggler need? What evidence is there in your book to support your thinking? Write your response in your journal, and share it with your family.	Interview your grandparent or older adult about what it was like when they were your age, then copy the interview in your journal.	How many words can you make from "recreation"? List them in your journal.	How many words can you make with these letters? a, i, o, o, u, u, m, n, n, s, t Create at least 15 words. Write the words you create in your journal. Create two columns in your journal and match words that are related such as sun and tan. Use all the letters to find the magic word.	If you are going on a family vacation this summer, check out a book about your trip. If you are staying close to home, then read a book about local places you and your family can visit.
Ask a family member to read a section of your library book, or another book, with you for 30 minutes.	Write the steps for making a banana split. 	Make a timeline of the things you did today.	List the names of all your friends in alphabetical order.	How many words can you make with these letters? t, l, w, i, r, a, e, d, s, e Create at least 15 words. Write the words you create in your journal. Sort rhyming words together such as ride and tide. Use all the letters to find the magic word.	

<p>Read a section of a nonfiction animal book quietly to yourself. Then, read it aloud to a friend or family member. Try to sound like a reporter while reading.</p>	<p>Reread your animal book. Select an animal. What did you learn? Write a description of the animal in your journal. Be sure to use descriptive language to describe the animals' appearance, size, and actions.</p>	<p>Select another animal from your book or research your favorite animal. In your journal, write a one page report about the animal you selected. Add text features such as illustrations, labels, diagrams, and headings. Share your report with a friend or family member.</p> 	<p>Onomatopoeia words are words that represent a sound. Create a list of sound words you would hear in the habitats of the animals you read and wrote about. Include sound words the animals make. Write the list in your journal and share it with a friend or family member.</p>	<p>How many words can you make with these letters? e, o, u, f, l, p, r, w Create at least 15 words. Write the words you create in your journal. Sort rhyming words together such as old and fold. Use related words, such as own and owner, in sentences that show their relationship. Use all the letters to find the magic word.</p>	<p>Check out a book from the Phineas L. MacGuire series or any other realistic fiction book from the recommended book list. Start reading!</p> 
<p>Record you and a family member reading the book you selected. First read the book in a normal voice and then read the book again, this time adding interesting sound effects.</p>	<p>Phineas L. MacGuire is quite a character! Chose a character trait that describes Phineas, or a character in the book you're reading. What evidence supports the character trait you chose? Write your response in your journal and share it with a family member or friend.</p>	<p>In your journal, write an original story about Phineas, or about a character in the book you selected. Be sure to include the character's thoughts, actions, behavior, and dialogue in your original story.</p>	<p>Read a newspaper or a magazine. Pick four new words from the reading. Talk about these words. Then, write each word in your journal. Last, see if you can write a paragraph using your new words.</p>	<p>How many words can you make with these letters? e, i, o, c, d, r, s, v, y Create at least 15 words. Write the words you create in your journal. Sort related words such as dry and dries. Use related words in a sentence that shows their relationship. Use all the letters to find the magic word.</p>	<p>Check out <i>Cook it Together</i> by Annabel Karmel, or another recipe book. Start reading!</p> 

<p>Read a recipe from your book, or a recipe you found elsewhere. How is reading a recipe different from reading a story. Write instructions for reading a recipe in your journal.</p>	<p>Reread your favorite recipe. What would happen if you didn't follow the steps outlined in the recipe in the correct order? Would the dish taste, smell, or look the same? Write about it in your journal.</p>	<p>Chefs, cooks, and bakers create new foods and dishes every day. Create a tasty treat of your own. In your journal write a recipe for your new creation. Share the recipe with your family and friends.</p>	<p>Browse the recipe book you selected earlier this week. Make a list of cooking and/or baking words you had never heard before. Define and illustrate each word in your journal.</p>	<p>How many words can you make with these letters? a, a, e, b, f, k, r, s, t Create at least 15 words. Write the words you create in your journal. Sort rhyming words together such as bare and stare. Use related words to write sentences that show their relationship. Use all the letters to find the magic word.</p>	<p>Does the thought of solving a math problem make you want to run away from home? Check out <i>Working with Fractions</i> by David A. Adler or another Math related book from the library.</p>
<p>Before bed tonight, take turns reading with a family member. Try to read at the same pace at which you speak.</p> 	<p>David A. Adler uses fun and lively art to make fractions a "whole" lot of fun. Explain how Adler makes fractions easier to understand. Be sure to cite evidence from the text and the illustrations. Write your explanation in your journal.</p>	<p>Create a page from Adler's book! Write and illustrate a fraction problem in your journal. Be sure to include a narrative that explains how to solve the problem in a fun way!</p>	<p>How many words can you think of related to fractions? Write, define, and illustrate each word in your journal.</p>	<p>How many words can you make with these letters? a, e, e, e, u, m, m, n, r, s, t Create at least 15 words. Write the words you create in your journal. Sort rhyming words together such as seat and meat. Use related words, such as mean and meanest, in sentences that show their relationship. Use all the letters to find the magic word.</p>	<p>Have you ever thought of becoming a scientist? Check out <i>Mary Leaky: Archaeologist Who Really Dug Her Work</i> by Mike Venezia or another biography.</p> 
<p>Create an audio book by recording yourself reading a passage from the book. Play the recording for your family friends.</p> 	<p>Explain how Mary Leakey's prehistoric discoveries shaped our understanding of humankind. Write your explanation in your journal. Be sure to cite evidence from the text in your response.</p>	<p>Imagine you're an archaeologist on a dig in Africa with Mary Leaky. Write an original story describing the dig. What prehistoric artifact did you find?</p> 	<p>Research the materials and tools an archaeologist or your favorite scientist uses. Illustrate the materials and tools in action.</p> 	<p>How many words can you make with these letters? a, e, e, o, b, h, l, r, s, w, w Create at least 15 words. Write the words you create in your journal. Sort rhyming words together such as wore and sore. Use related words such as sale and resale in sentences that show their relationship. Use all the letters to find the magic word.</p>	<p>Next week you are going to begin your end-of-summer project. Check out biographies from the library. A biography is a story written about a person's life. Start reading!</p>

Summer Project Write a Biography

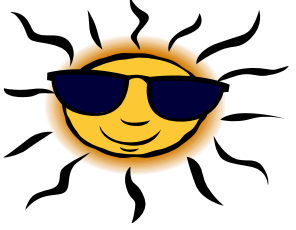
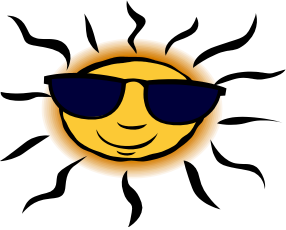
<p>Sunday</p> <p>Today you will begin your summer project. You will be writing a biography. A biography is a nonfiction informative text. It highlights a person's achievements and character traits. A biography chronicles a person's life and acknowledges a person's influence on a group or cause. Read the biographies you checked out from the library yesterday. Pay close attention to the information the authors share about the person. Complete this chart in your journal.</p> <table><tr><td>What I learned about (name the person)</td><td>Attributes that describe the person.</td><td>My opinion on (name the person)</td></tr><tr><td></td><td></td><td></td></tr></table>	What I learned about (name the person)	Attributes that describe the person.	My opinion on (name the person)				<p>Monday</p> <p>Biographers focus on important events that their subjects have experienced in order to teach readers about their lives. There are positive events or accomplishments, such as winning awards, having children, or discovering something new. Sometimes they are negative events such as sickness, losing a loved one, or battling against others. Reread the biographies you checked out and complete this chart in your journal.</p> <table><tr><td>Person</td><td>Positive Events</td><td>Negative Events</td></tr><tr><td></td><td></td><td></td></tr></table>	Person	Positive Events	Negative Events				<p>Tuesday</p> <p>Biographers are inspired to write about a person because they feel a connection to that person. Writer's opinions and feelings about the person make the biography a special piece. Answer these questions to help you think about people who inspire you. Choose two of the subjects to write about in more detail.</p> <ol style="list-style-type: none">1. What sport do you like to play? Is there an athlete that inspires you to be better at that sport?2. What activities do you love? Are there people you study to help you get better?3. Are there people you try to model your life after? Why do you admire these people so much?	<p>Wednesday</p> <p>Take a few minutes and look at the two people you wrote about yesterday. Today you will decide who the subject of your biography will be. Answer each of the following questions about the two people you wrote about in your journal. Consider your answers to these questions and choose one person to write about.</p> <ol style="list-style-type: none">1. Do I think the person is a hero? Why?2. Do I think the person's life is remarkable in some way? What way?3. Do I think this person changed the world by making it a better place?4. What can readers learn from this person? Why is it important?	<p>Thursday</p> <p>Share the person you selected with your family and friends. Tell them you will need their help to collect information. Go to the library and checkout nonfiction books about your subject. Search the internet for articles you can read and understand. Gather as many resources as you can and begin reading!</p>	<p>Friday</p> <p>Collecting information is an important job! Making lists can help you begin collecting facts about your subject. Create a list in your journal that includes the following information.</p> <ol style="list-style-type: none">1. Important dates (birthdays, anniversaries, special events)2. Places visited (cities, countries, events)3. Places lived (cities, streets, neighborhoods, countries)4. Important or influential people (family, friends, teammates, co-workers, heroes)5. Awards received6. Jobs7. Struggles (illness, loss, battles)8. Good deeds	<p>Saturday</p> <p>Biographers always ask how people face challenges and identify an attribute that describes them. In your journal, write 2 to 3 challenges your subject has faced. Choose an attribute that describes the person based on their struggles, triumphs. Based on the struggles and attributes, write a paragraph that states your opinion of the person.</p> 
What I learned about (name the person)	Attributes that describe the person.	My opinion on (name the person)																
Person	Positive Events	Negative Events																
<p>Sunday</p> <p>Who else matters? Authors add family, friends, and people that are influential to the subject's life. Answer the following questions in your journal to determine who else matters:.</p> <ol style="list-style-type: none">1. Does your subject have family members that have helped him or her? How did they help?2. Does your subject have friends that supported him or her?3. Who does your subject work with who might be important to	<p>Monday</p> <p>Biographers use attention grabbing language in the opening of their story to get the reader's attention. Reread the openings of the biographies you checked out of the library. In your journal write an opening that introduces the subject and grabs the reader's attention. Here are some tips!</p> <ol style="list-style-type: none">1. Use a powerful line, fact, or quote about the subject.2. Use words that show emotion.3. Name and define an attribute	<p>Tuesday</p> <p>Yesterday you wrote your opening. Today you'll focus on the body of your biography. The body includes all your research on important events and details. In your journal write and organize the body of your story by using this outline.</p> <ol style="list-style-type: none">I. Important date or event<ol style="list-style-type: none">A. Supporting detailB. Supporting detailC. Supporting detail	<p>Wednesday</p> <p>Read the endings of some of the biographies you checked out of the library. Authors use an ending to express how their subjects are still helping people today. Today you will write an ending in your journal. Here are some tips for writing an ending.</p> <ol style="list-style-type: none">1. Explain the subject's influence today.2. Explain why the subject	<p>Thursday</p> <p>Today you will write a draft of your biography in your journal. Make sure all of your events are in the correct order. Events, facts, and opinions should be connected through linking words or phrases. Write your draft using some of the linking words listed below. Additionally, after, before, besides, earlier, finally,</p>	<p>Friday</p> <p>Today you will revise your draft. A good biographer uses a checklist to revise their work. Put a check next to each must have item listed.</p> <ul style="list-style-type: none">_ Engaging introduction_ Paragraphs with main ideas and supporting details_ Important influences_ Challenges_ Accomplishments_ Ending	<p>Saturday</p> <p>Today you will present your biography to an audience. Make covers. Sketch an important scene from your biography. Use a border to frame the scene. Create a title and use fancy font. When you're done, present the biography you have written to your family and friends!</p>												

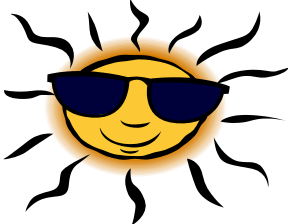
their life? 4. Who has your subject helped? How did he or she help them?	that describes your subject. 4. Describe the beginning of your subject's journey.	Continue the outline using your most important dates and events.	is important to the world. 3. Use a powerful quote.	for instance, immediately, later, now, one day, since, until.	_ Linking words _ Meaningful title	
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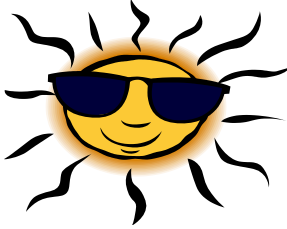
Chart your summer adventures here! List the books you have read on this page. Depending on how fast you read and how much you read each day, you may have completed more books than suggested on the calendar. Glue or tape this document to the first page of your Reader's and Writer's Journal.

[illegible]

Throughout the summer, continue to practice for fluency of all basic fact operations and think mathematically!

What time was it when you woke up this morning? What time was it 2 hours and 20 minutes before the time you woke up? What time will it be 47 minutes after you woke up?	List at least 7 different combinations of bills and coins that would add up to \$25.63.	Marcus has \$100.00. He spent \$23.45 on a pair of shoes, \$12.36 on a new shirt, and \$15.61 on a hat. How much money does Marcus have left?	Create an addition and a subtraction problem where 192 is the difference and 192 is also the sum. Ask a friend to solve the problems.	Arrange the digits 2, 8, 7, and 4 to make the largest number. Then, round that number to nearest thousands.
Your friend wrote this number: 4, <u>5</u> 86. What is the place value of the underlined digit? What number is 2,000 more than the given number?	Look through a magazine and find pictures that contain right, acute, and or obtuse angles. Cut them out and place them into your journal. Label the appropriate angles correctly.	If you double your age. How old would you be? How old would you be if you triple your age?	Look around a room in your house. Where do you see parallel lines? Perpendicular lines? Explain each object that contains these types of lines.	
Write and solve a story problem for $487 - 364 = \underline{\hspace{1cm}}$.	Grab some coins in your left hand, count the coins. Grab some coins in your right hand, count the coins. What is the difference of the coin values you grabbed? What is the sum?		You are asked to help stack books at the library. There are 8 shelves on a bookcase that you must stack. Each shelf holds 9 books. What is the total number of books that can be stacked on the 8 shelves?	Read a math book from the attached list of books.

<p>Draw a figure with more than one line of symmetry.</p>	<p>Use the correct symbol to compare. ($<$, $>$, or $=$)</p> <p>1) $246 + 43$ <input type="checkbox"/> $187 + 102$</p> <p>2) $367 - 123$ <input type="checkbox"/> $298 + 98$</p> <p>Create 3 more statements and ask a family member to solve.</p>	<p>You have \$10. You bought an ice cream cone for you and your brother and received \$5.14 in change. How much did an ice cream cone cost? Draw an illustration to represent how you determined your answer.</p>	<p>Visit your local take-out restaurant with a parent. Plan a meal for your family using the take-out menu. First, estimate the cost. Then, record the actual cost. What is the difference between your estimate and actual cost?</p>	
<p>Read a math book from the attached list of books.</p>	<p>Survey at least 10 friends or family members to determine their favorite pizza toppings. Use the data from the survey to create a pictograph. Include all characteristics of a pictograph.</p>	<p>Look at the previous day's directions. Using the data from your survey. Choose the top four toppings and create a bar graph. Then, create 5 questions in order to analyze the data (include the answers).</p>	<p>Select a day and create a schedule of activities for that day. Begin by recording the time you wake up to the time you go to bed. Compute the elapsed time between each activity. Share your schedule with your parent/guardian.</p>	<p>Choose 5 activities from the schedule you made on the previous day. Make a clock face to show the end time for each of the selected activities.</p>

<p>Ask a family member to take you to the grocery store. In the vegetable section, select five different items. First, estimate the weight of each item and record your estimation. Next, weigh each item and record. Last, compare the actual weights and the estimates.</p>	<p>Look around your house for objects that are symmetrical. Draw the objects. Explain to a family member why those objects are symmetrical. Next, with a family member, look around your neighborhood for objects that are symmetrical. Draw those objects.</p>		<p>Estimate the length and width of a table in your home. Then select a unit of measurement. Using your unit of measurement, find the perimeter of the table.</p>	<p>Draw a picture of a pizza that you would love to eat. Cut the pizza so that each member in your family gets an equal share. In your math journal, write the fractional amount of pizza each family member will receive.</p>
<p>A family member wrote:</p> $183 = 124 + \square$ <p>What should go in the box?</p>	<p>Draw a number line beginning with 0. Place only the following numbers on your number line: $4\frac{1}{2}$, 2, 3.5, and $6\frac{7}{8}$. How did you decide where to place the numbers?</p>	<p>Draw a picture to model 48 as a product.</p>	<p>The baker arranged an array of cupcakes in each pan. Each pan started out with the same number of cupcakes each day. If the baker had a total of 100 cupcakes, how could he have arranged them in 5 pans?</p>	<p>Mary's rectangle has the area of 36 sq. units. Jeanine has a rectangle with the perimeter of 30 units. The two rectangles have different lengths and widths. Could they both have the same area? Show your work to prove your answer.</p>
<p>Read a math book from the list.</p>	<p>Joe listed the first 10 multiples for the number 3. Luis listed the first 10 multiples for the number 4. What same numbers did both boys write? How could you describe the numbers that are the same on both boys' list?</p>	<p>Draw a model of a ruler that is 4 inches long. Label all whole numbers, halves, quarters, and eighths.</p>	<p>Write an equivalent fraction for the whole number 4. Draw a picture to explain your answer.</p>	<p>Explain how you could use multiplication to help you solve this problem:</p> $56 \div \underline{\quad} = 8$

[Suggested Math Reading for Intermediate Grades](#)

Title	Author
1. If You Made a Million	David M. Schwartz
2. Is a Blue Whale the Biggest Thing There Is? (Size)	Robert E. Wells
3. Math for All Seasons	Greg Tang
4. The Go-Around Dollar	Barbara Johnston Adams
5. The Cat in Numberland	Ivar Ekeland
6. Cook-A-Doodle-Do! (Capacity)	Susan Stevens Crummel
7. The Grapes of Math	Greg Tang
8. Math Potatoes: Mind-Stretching Brain Food	Greg Tang
9. The Story of Clocks and Calendars	Betsy Maestro
10. Full House: An Invitation to Fractions	Dayle Ann Dodds
11. A Cloak for the Dreamer (Shapes)	Aileen Friedman
12. A Fly on the Ceiling (Ordered Pairs)	Julie Glass
13. Cubes, Cones, Cylinders, and Spheres	Tana Hoban
14. Grandfather Tang's Story (Spatial/Shapes)	Ann Tompert
15. Sir Cumference and the Dragon of Pi (Circles)	Cindy Neuschwander
16. Sir Cumference and the Great Knight of Angleland (Angles)	Cindy Neuschwander
17. The Adventures of Penrose	Theoni Pappas
18. Three Pigs, One Wolf, and Seven Magic Squares (Tangrams/Shapes)	Grace Maccarone
19. What's Your Angle, Pythagoras? (Angles)	Julie Ellis
20. X Marks the Spot! (Ordered Pairs)	Lucille Recht Penner
21. Less than Zero	Stuart J. Murphy