FIFTH GRADE SUMMER LEARNING

Welcome to summer! In the Fall you will begin Fifth Grade! Prepare for the upcoming year by using this calendar for daily activities focusing on math, reading, writing, and science. Each day will provide you with a new learning activity. Do these together as a family,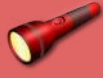 and use these activities as discussion starters for new conversations. Research shows students who work on reading and math during the summer months are ready for the school year. Have a great summer!

Monday	Tuesday	Wednesday	Thursday	Friday
	June 1 Write about a summer goal you have.	**2** What are you doing this summer? Plan and make a timeline of your summer events.	**3** Evan plants 18 flowers in 1 hour. His brother plants 4 fewer per hour. How many can each boy plant in 4 hours?	**4** Read a book with a one word title.
7 Read a fairy tale. Write about your favorite part. Tell why you liked it best.	**8** Name 5 fractions that are equivalent to ¼. Use pictures or another way to prove they are equivalent.	**9** Design a special award for your favorite book character. Tell what the character did to earn this special award.	**10** You want to buy a soda for $0.79 and a bag of chips for $0.50. You only have $2.00. Will it be enough? How do you know?	**11** Would you rather have more time for summer vacation or a longer winter break? Write your opinion.
14 List all coin combinations you could use to make 52 cents.	**15** Create a Rebus Story (a story using pictures to represent words.) Write a short story, and then substitute pictures (you can draw them or cut them out) for some words.	**16** Roll two dice together and multiply. Record your answers. Do this 25 times. Create a bar graph with the results.	**17** Make a playlist that goes with your favorite book or series. Why did you choose the songs you included on the playlist? Share with a friend or family member.	**18** Allen had $18.00. If he spent 2/3 of his money on music, how much did he spend?
21 Practice your cursive writing using https://www.k5learning.com/cursive-writing-worksheets, then copy a poem in your best cursive.	**22** You can buy 12 pool toys for $1.79. How much would it cost to buy pool toys for 50 children?	**23** Go outside and write a descriptive paragraph about what you see.	**24** In what year will you double your current age? Show how you figured this out.	**25** Make a catapult with household items. Test your accuracy and precision.

28 Fireworks start at 8:30 p.m. It takes your family 20 min. to get ready and 15 min. to drive. What time should you leave?	**29** Create your own experiment using baking soda & vinegar.	**30** Write a story problem for 148 ÷ 8. Then solve it!	**July 1** Grab a flashlight and find a dark place to read for 30 minutes today.	**2** If you played outside for 3 and a half hours, how many minutes would that be?
5 Draw a new cover for a book you read this summer. Include the title, author, and a sentence about the book.	**6** Write a story problem for 12 x 9. Then solve it!	**7** Design and build a bird feeder. How many birds can you attract? What design improvement can you make to attract more birds?	**8** Estimate the number of jumping jacks you could do in a minute. Then, actually try it! Record both numbers.	**9** You are inviting your favorite book character to dinner. What will you serve? Why? Make a menu with text evidence.
12 Record the high temperatures for the next 5 days. Make a line graph. What is the range of temperatures?	**13** If you could live in a setting of a book, which book would it be? Why did you choose that setting? Share with a friend or family member.	**14** Measure the length and width of your bedroom. Find the perimeter and area.	**15** Follow a recipe and make a dessert for dinner. What did you make and why?	**16** If it costs $26.95 for rides at Carowinds, how much will it cost for 7 people?
19 Explore the website http://sciencebob.com and choose a science experiment to complete.	**20** What is the twelfth number in this pattern? 2, 5, 11, 23,… How do you know?	**21** Talk to family members about what books they liked to read when they were younger. Read a book they enjoyed when they were children.	**22** Change the following improper fractions into mixed numbers: 11/8, 15/4, 25/3	**23** Read a nonfiction text today.
26 A cantaloupe weighs 56 ounces. There are 16 ounces in a pound. How many pounds does the cantaloupe weigh?	**27** Listen to an audiobook. Draw a picture of something that happened in the book.	**28** Gather at least three store receipts. Find the total amount that was spent not including the tax.	**29** Learn to say "hello" and "please" and "thank you" in 2 different languages.	**30** Vowels are worth $50 each, consonants are worth $40. Can you make a word worth exactly $200? $600?
August 2 Go on a nature walk. Discuss the vegetation and wildlife you see. Notice the different habitats for different animals in your neighborhood.	**3** 😜 + 😜 + 😜 = 27 😎 + 😎 x 😜 = 70 😎 x 😎 + 😠 = 53 😜 + 😠 x 😎 = ?	**4** Think of a book you read recently. What did you think of the style of the writer?	**5** Leo ran 16.5 miles last week. He ran 7 ½ miles on Monday and the rest on Thursday and Friday. If he ran the same amount of miles on Thursday and Friday, how many miles did he run?	**6** Did you know that insects out-number humans 200 million to one!? Discover what bugs live in your neighborhood, and try to identify those you haven't seen before.

9 Think about a book you have read that has a movie that goes with it that you have seen. Do you think it's better to read a book before seeing the movie? Why or why not? Write a paragraph that states your opinion and gives at least three reasons to back it up.	**10** Listen to the radio. Draw a picture to go along with the song you heard. Label your picture.	**11** Rachel is making fruit punch for a party. The recipe calls for 22 cups of orange juice, 12 cups of apple juice, and 6 cups of pineapple juice. If each guest drinks 3 cups of punch, how many guests will it serve?	**12** Create a comic strip illustrating the sequence of main events in your book. Include 5 – 8 panels (boxes), dialogue, and illustrations!	**13** Look up the events that happened on the day you were born and tell someone about it!
16 Sophia runs twice as fast as her friend Mia. If Mia runs 3 mph, how long will it take Sophia to run 6 miles? 9 miles?	**17** We're in the "Dog Days of Summer!" These days are typically the hottest and most humid time of the year. Write a paragraph about your favorite "Dog Day" activity. What do you like to do best on a hot, lazy day?	**18** Americans generate 200 million tons of garbage each year. 75% of that garbage can be recycled, but we only recycle 30%! List 5 things you can throw away in the trashcan and 5 things that you can recycle. Explain why.	**19** Write about this prompt: *My greatest accomplishment the summer was…*	**20** If you could create a new app for smartphones, what would it be? Describe what it would do. Draw an icon for your new app.
23 Keep a schedule of your day. What activity did you spend the most time on? How many seconds was your favorite activity?	**24** Set your alarm clock and get a good night's sleep. 	For more summer learning opportunities, visit these sites: ● CMS Supported Resources - http://readingcheckup.org; http://bit.ly/CMSSL21 ● CMLibrary Summer Break - http://bit.ly/CMSSB2021 ● Scholastic Summer Reading - http://bit.ly/SSRP2021 ● Math Games - http://bit.ly/MathGames21 ● Quantile Summer Math Challenge - http://bit.ly/QSMC2021		

We can't wait to see you on Monday, August 25th, the first day of school!