



Rising 4th Graders

2019-2020 RECOMMENDED SUMMER LEARNING

To continue skill-building during the summer, below are the recommended activities for your child, tailored to grade level.

Reading/Writing:

- Read 20 minutes daily. After your child has read pose questions that have them reflect on what they are reading.
 - What was happening in the story? How do you know?
 - What was your favorite part of the story? Why?
 - What happened in the beginning? Middle? End? (Ask them to sequence the events)
 - Ask them to make a connection. They can connect the story to something about themselves (Text to Self), something about another book (Text to Text), or something about the world around them (Text to World).
- Students should write a paragraph summary about the book once they have completed it. Encourage them to use the same language they used with you when answering the questions when composing their summary. Record finished books in the attached reading log.

Students are **REQUIRED** to read *Tales of a Fourth Grade Nothing* by Judy Blume during the summer break. Students should purchase their own copy and bring it to school on the first day. We will be reviewing the book with many activities, lessons, and tests during the first two weeks of school.

We will also be participating in the Sunshine State Young Readers Program next school year as we continue to prepare and inspire our students academically. The purpose of the SSYRA Program is to encourage students to read independently for pleasure and to read books that are on, above, and below their reading level in order to improve their reading fluency. We are including the list of 3rd-5th books for your reference so that students can begin reading them over the summer. We will have a classroom copy of each book available next school year for students to check out within their classrooms, but we highly recommend picking a minimum of 1 book off the list to read over the summer. The titles are available at local public libraries as well as online or in bookstores. You can find our more at: <https://www.floridamediaed.org/ssyra.html>.

Math:

Envision Math Complete the Step Up to Grade 4 workbook pages at the back of your 3rd grade Volume 2 math book. Student who complete these pages will receive 1 Envision Math dress down pass!

The calendar of math activities we have provided will help your child to review math concepts and reinforce skills they have already learned. As your child completes the activities in their math journal, they will be making real world connections to the math concepts they know and practicing communicating their thinking. While your child is working, ask him or her how the solution was found and why a particular strategy was chosen. Challenge your child to complete as many of these math activities as they can. In August, share your Math Journal with your fourth grade teacher. If the activities suggested don't seem to "fit your child", feel free to substitute your own activities that better meet their needs.

Games to Play: (You will need a deck of cards, with all the face cards removed. Treat the ace as the number 1.)

1. **Multiplication War** - Deal out all the cards equally between 2 or 3 players. Each player turns over 2 cards and multiplies the numbers together. The person with the higher product wins the pile of cards. If you have the same product, then repeat the procedure. Winner takes all the cards.

2. **Close to 1000** - Deal 8 cards to each player. Use any 6 of your cards to make two 3-digit numbers. Try to get a sum that is close to or equal to 1000. Write these 2 numbers in your journal. Your score is the difference between your number and 1000.

Example: Your eight cards are **1, 5, 4, 3, 1, 8, 3, 8**

You can combine $148 + 853 = 1001$. Your score is 1 since the difference between 1001 and 1000 is 1. Discard the 6 used cards and pick 6 new cards. Whoever has the lowest total score after 5 rounds wins the game.

Other games to play: Monopoly, Othello, Battleship, Connect Four, Mastermind, Mancala, Legos, K'Nex, Simon, Yahtzee

Entering Fourth Grade Mathematics Calendar - JUNE

Monday	Tuesday	Wednesday	Thursday	Friday
Which is larger, $\frac{3}{5}$ or $\frac{3}{4}$? How do you know? Prove it.	Masha had 120 stamps. First, she gave her sister half of the stamps and then she used three to mail letters. How many stamps does Masha have left?	Roll 2 dice and multiply to find the product . Record the products. Do this 25 times. Create a bar graph with the results. What do you notice?	Get a menu from a restaurant and add up what it would cost for your family to eat there.	Play the game Close to 1000 . (see directions)
When rounding to the nearest ten, what is the smallest whole number that will round to 50? The largest? How many different whole numbers round to 50?	Play Multiplication War (see directions)	Compare the fractions below. Use the symbols $>$, $=$, or $<$ to record your comparisons. Draw a picture to illustrate your answer. $\frac{2}{6}$ and $\frac{5}{6}$ $\frac{1}{2}$ and $\frac{2}{3}$	Play a game. What strategy did you use? Would you use the same strategy again?	Play the game Close to 1000 . (see directions)
Draw a 6-inch number line that begins with 0 and ends with 1. Roll a die. Divide your number line into this number of equal segments. Label the segments. Explain your thinking.	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?	Write a story problem that can be solved using the number sentence $9 \times 3 = \underline{\hspace{2cm}}$.	I am a number between 20 & 30. When you divide me into 6 equal groups, there is an even number in each group and 2 are left over. What number am I? Write your own division riddle.	Make a set of flash cards and practice the multiplication facts.
Play Chairs at https://www.nctm.org/Classroom-Resources/Illuminations/Interactives/Chairs/ If you have 8 tables, what is the greatest number of people you can seat in a line?	Arrange the fractions in order, beginning with the least. Explain your answer with a picture. $\frac{1}{5}$, $\frac{1}{7}$, $\frac{1}{3}$	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.	Find a newspaper and cut the articles or pictures out. Organize them by area from least to greatest.	Figure your age in months. How many months old are you?

Entering Fourth Grade Mathematics Calendar - JULY

Monday	Tuesday	Wednesday	Thursday	Friday
Visit www.KhanAcademy.com and explore 4 th grade math concepts.	Choose one activity for a day and record the start and stop time. Calculate the elapsed time for the activity (ex. time you wake up and go to sleep). Challenge: convert <u>all</u> of your times into minutes or hours.	Visit www.KhanAcademy.com and explore 4 th grade math concepts.	Draw a picture of a quadrilateral. Draw a picture of a rhombus. How are they alike? How are they different?	When rounding to the nearest hundred, what is the smallest whole number that will round to 500? The largest ? How many different whole numbers will round to 500?
Find 4 numbers larger than 1,000 in a newspaper. Put them in order from least to greatest. What is the difference between the smallest and the largest?	Visit www.KhanAcademy.com and explore 4 th grade math concepts.	Select ten items from a grocery flyer and find the total cost of the items. Calculate how much change you would receive from a one hundred dollar bill.	The product of two numbers is 30. The sum of the two numbers is less than 20. What might the two numbers be? Show all possible solutions and explain your thinking.	Write multiplication and division combinations for 6, 7, and 42. Can you write a word problem to go with these equations?
Visit www.KhanAcademy.com and explore 4 th grade math concepts.	Write a word problem whose answer is 12. Have someone solve the problem. Choose another answer and make up a problem.	Visit www.KhanAcademy.com and explore 4 th grade math concepts.	A farmer has chickens and cows. What combination of animals could total 24 legs? Is there more than one combination?	Play Multiplication War . (see direction page)
Play a game. What strategy did you use? Would you use the same strategy again?	Family fun! Go for a drive with an adult. Write down the miles on the odometer when you leave. Write down the miles when you get home. How many miles did you travel?	There are 6 tables in Mrs. Stoughton's art classroom. There are 4 students sitting at each table. Each student has a box of 10 colored pencils. How <u>many colored</u> pencils are at each table? How <u>many colored</u> pencils in total?	Visit www.KhanAcademy.com and explore 4 th grade math concepts.	Choose 1 number: 2, 3, 5, or 6. Double the number you chose. Double the sum. Keep on doubling until you get a sum that is greater than 1,000. How close to 1,000 is the number you reached?



KHAN ACADEMY: <https://www.khanacademy.org/>

Khan Academy is a great free resource where you can help your child explore math concepts such as addition/subtraction, multiplication/division, fractions, measurement & data, geometry and place value. When you visit the website, be sure to choose “4th Grade” under the Math by Grade menu to find these learning activities. If you feel your child is in need of support of strengthening their understanding of 3rd grade concepts, try visiting the “3rd Grade” section first.

All Subjects:



<https://app.discoveryeducation.com/learn/signin>

This summer, students can begin to explore a resource that we will be using in the classroom next school year. Discovery Education’s Streaming Plus platform ignites learning with a premiere collection of curated K–12 content, matched with research-based instructional strategies.

Username: 4.NCSstudent

Password: #Nativity1



Sunshine State Young Readers Award Books 2019-2020 List for Grades 3-5



***The Ambrose Deception* by Emily Ecton**

Three students are chosen seemingly at random to participate in a scavenger hunt with a ten thousand dollar prize. Is Melissa a forger? Or an entrepreneur? Is Bondi a con man? Or a hard worker? And is Wilf a thief? Or filled with adventure? These three children race around Chicago trying to solve their clues first. But there is much more than meets the eye. This scavenger hunt, and all of the people associated with it, are more than meets the eye.



***Annie's Life in Lists* by Kristin Mahoney**

Fifth grader, Annie thinks it's all her fault when her parents decide to move their family from Brooklyn, NY to Clover Gap, population 8,432 and so does her brother! Annie blames her amazing memory on the move and hides her ability from her new friends. Then Annie discovers a secret hidden among papers in the attic. What really brought her family to Clover Gap and will they ever be able to call it home?



***Ben Franklin's in my Bathroom!* by Candace Fleming**

When Ben Franklin accidentally gets transported to the 21st century, he can't get enough of all the modern inventions like indoor plumbing. Will Nolan and Olive be able to figure out how to return him to his own time before anyone finds out? A great combination of history and humor that everyone will enjoy.



***The Bicycle Spy* by Yona Zeldis McDonough**

Marcel dreams of competing in the Tour De France, even though the race has been canceled for the last two years due to the German occupation of France. While riding his bicycle to make deliveries for his parents bakery, he discovers a secret that will change his world. Will Marcel use his bicycle racing skills, and be brave enough to help his family with the resistance movement and save his friend and her family from serious danger?



***Bob* by Wendy Mass & Rebecca Stead**

It's been five years since Livy last opened the door to the bedroom closet, but Bob, a small green being wearing a chicken suit, has been patiently waiting for her to return and help him figure out his identity and where he belongs. After all, a promise is a promise.



***Cosmic Commandos* by Christopher Eliopoulos**

Jeremy and Justin are identical twins, but the only thing they have in common is their looks. One morning Jeremy finds a decoder ring at the bottom of the cereal box; he is not very impressed. Little does he know, the ring actually grants the owner a wish. Jeremy suddenly finds himself inside his favorite video game. He will have to battle all the villains to win. Jeremy has never beat the final level of the game. Justin has really good ideas and tries to help. Jeremy is not used to listening to his brother. Will Jeremy be able to get the help he needs to save his town?



***The Dragon with a Chocolate Heart* by Stephanie Burgis**

Aventurine is a feisty young dragon who tries to go on adventures/huntings with her family, but they keep telling her she is too young and not ready. She disagrees and is going to prove it! This spunky dragon gets tricked into drinking hot chocolate and then transforms into a human girl. Her desire for chocolate takes her on a whole new adventure into the human world!

Sunshine State Young Readers Award Books 2019-2020 List for Grades 3-5, Page 2



Enginerds by Jarrett Lerner

Beware of the Robots...they want your comestibles! Ken and his friends, a group who call themselves the Enginerds, face off against the biggest problem they've ever faced...or created. With some surplus chopsticks, a timely news report, and some ingenuity, the Enginerds face off against the robots in an epic battle to save their town, and possibly, the world.



Ghost Attack by David Lubar

Lex gets to spend some time with his cousin, Sarah at their grandparents' new home, and the adventures begin with a RASH! They realize he is allergic to ghosts and tries to stay away from them. No success, the ghost needs him to help solve a mystery!



Sled Dog School by Terry Lynn Johnson

Matt is great with sled dogs, but terrible at math. Will his extra credit project of setting up a sled dog school be enough to dig him out of trouble or will he get buried even deeper in trouble?



Stella Diaz Has Something to Say by Angela Dominguez

Stella Diaz, a marine animal lover, starts a new school year with her best friend in another class. Stella sometimes gets nervous talking in front of people because she accidentally speaks Spanish instead of English and pronounces words wrong. Will Stella be able to overcome her fears of making new friends and speaking in front of the whole class? Find out in Stella Diaz Has Something to Say!



Superstar by Mandy Davis

Lester, who has autism spectrum disorder (but doesn't know it), was always homeschooled. But now his mom has to get a job so he is starting fifth grade in a public school for the first time in his life, where he is faced with the challenges of making friends, fending off bullies and dealing with his intolerance for loud noises and schedule changes. Then space loving Lester learns about the school science fair and things start looking up!



Survival Tails: The Titanic by Katrina Charman

Mutt, the dog, follows his owner to the RMS Titanic. Once there, he sneaks aboard the ship in search for Alice, his best friend. With the help of a rat, the captain's cat and some adorable kittens, Mutt must find Alice before the unthinkable happens. When the ship hits an iceberg, the animals have to hurry to find their owners before the ship sinks.



Tumble & Blue by Cassie Beasley

Who doesn't want to be lucky? Or a hero? But for every up there is a down, and that is how the fates run in the families of Blue Montgomery and Tumble Wilson, thanks to their greedy ancestors. Today, as the blood moon draws near, their unfortunate descendants are returning to face Munch (the mystical golden alligator) and find new fates. Tumble and Blue could have as good a shot as any of the other ill-fated relatives, if the legend proves true.



Wedgie & Gizmo by Suzanne Selfors

What do you get when you mix a bouncy, excitable super hero dog with an evil genius guinea pig? Hilarious adventures! Wedgie is a non-stop barking protector dog, who loves everyone—even the furry potato! Gizmo is the evil genius guinea pig out to take over the world, once he defeats his nemesis Gizmo. Will Gizmo make it to Peru and lead the guinea pig take-over?

Name: _____

Reading Log

	Title	# Pages	Start Date	Finish Date	RATE IT!	Parent Initials
1.					☆☆☆☆☆	
2.					☆☆☆☆☆	
3.					☆☆☆☆☆	
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20.					☆☆☆☆☆	

SUMMER!