Entering Grade 4 Summer Work

Entering Grade 4 Summer Reading Assignments
❏ You should read for 45-60 minutes every day! ❏ You will read at least THREE books this summer.
Where to find Reading List Books ❏ Boston Public Library https://www.bpl.org/online-resources/ ❏ Access TumbleBooks https://www.tumblebooks.com/
Summer Reading Assignments: **#1 Letter to Your Teacher** You will write a letter to your new teacher about what you thought and felt while reading your required reading book. ❏ Letters can be handwritten or typed. ❏ Letters should be in standard friendly letter format ❏ Letters should be at least 3 paragraphs (5-6 sentences per. paragraph) ❏ Letters will be your first Quiz grades of your 4th grade year! **#2 Answer all the Choice book questions for one of the choice books you read.** ❏ 1. List at least five important events and give a brief explanation of why each is important to the book. ❏ 2. What is the central conflict or major problem that characters/people face in the book? How is it resolved? ❏ 3. Discuss one choice one of the main characters or people made in the book. How did this choice change that character/person? How did it affect the story as a whole? ❏ 4. Write a brief paragraph describing something you learned from the book. In other words, how did the author make you think; what is one idea, theme, or issue that you considered? ❏ 5. What is the moral of the story or what is the book trying to teach its readers? **#3 Fill out the reading log on the next page each day and talk about what you read with a grown up or friend.**

Entering Grade 4 Summer Reading Log

Name of the book	Date	Parent/ Guardian Initials

Dear SJP2CA Grade 4 Families,

Here is your summer packet for math learning! We hope you will use these resources to help your student continue building and strengthening math skills until we see them again in September.

In this packet you will find:

o An overview of what your student learned in Grade 3 and what skills will help them be successful when they return, as well as new skills they can explore if they're ready for a challenge

o Daily practice to help keep their math skills fresh; these daily problems are a review of concepts we learned over the last year, and a few new skills for them to explore. Students should do a little work each week if they can, and the skills practice is set up as a daily calendar.

o Links to Bridges practice books in English and Spanish (these are printable) for more skills practice

o Links to selected online math resources for digital practice, along with optional summer math challenges to stretch their thinking, including a choice board and some math-focused books

If you have questions or you need help with any of these resources, please reach out to your campus principal or vice principal, or to our math coach.
We're happy to assist and to make suggestions!

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Grade 3 Skills Practice: Practice over the summer

- use addition, subtraction, multiplication, and division to solve story problems
- solve multiplication and division facts accurately and efficiently
- multiply 1-digit numbers by multiples of 10, e.g., 3 x 70
- add and subtract 2- and 3-digit numbers
- compare, recognize, and generate equivalent fractions and place them on a number line
- estimate and measure in time, liquid volume, and masses of objects

- round numbers to nearest 10 or 100
- tell time to the minute
- estimate and measure liquid volume and mass in metric units
- solve area and perimeter problems
- identify and construct different kinds of quadrilaterals
- sort and classify shapes

Explore Grade 4 Skills : Get ready for a challenge can explore any of the *skills we will be learning in Grade 4*

- understand factors and multiples, e.g., 1,2,4,5,10, and 20 are all factors of 20, and 20 is a multiple of each of those numbers
- understand that a prime number has only 2 factors—1 and itself, while a composite number has more than 2 factors
- multiply multi-digit numbers using strategies based on place value and properties of operations
- divide 2-digit numbers by 1-digit numbers using strategies based on place value and the relationship between multiplication and division
- read, write, and compare multi-digit numbers and round multi-digit numbers to any place
- add and subtract multi-digit numbers accurately and efficiently
- recognize and generate equivalent fractions
- compare two fractions with different numerators and denominators

- add and subtract fractions and mixed numbers with like denominators
- multiply a fraction by a whole number
- write fractions with denominators of 10 or 100 in decimal notation
- compare decimal numbers with digits to the hundredths place
- know the relative sizes of measurement units within one system of units, including metric length, metric mass, customary weight, metric volume, and time
- use formulas for area and perimeter of a rectangle to solve problems
- measure and sketch angles with a protractor
- classify 2-D shapes
- identify and draw lines of symmetry

Printable Bridges Practice Books (optional)
Here you can find practice books for skills from Grade 3 if your student wants more practice; available in English and Spanish, these also contain answer keys so you can check your student's work. https://www.mathlearningcenter.org/resources/lessons/practice-books
Online Resources: For more summer learning resources, please visit the Math Coach's Corner at SJP2CA here
https://sites.google.com/sjp2ca.org/mathcoachscorneratsjp

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Monday	Tuesday	Wednesday	Thursday	Friday
___ x 6 =600 ___ x 6 = 60 ___ x 6 = 6,000 36 ÷ 6 =___ 360 ÷ 6 =___ 3, 600 ÷ 6 = ___	Create the largest number possible using the **digits** 2, 5, 9, 7	Draw a **rectangle**. Tell one piece of information to describe the sides or the angles of any rectangle.	Write a fact family for 9,4, and 36 Which numbers are **factors**?	Jenna read 25 pages yesterday. Alice read two times the number of pages as Jenna. How many pages did Alice read?

Monday	Tuesday	Wednesday	Thursday	Friday
Rewrite the number 7,652 and circle the number in the **tens place**.	How much **change** will John receive if he buys a toy that costs $17.86 and he paid with a $20 bill?	Circle 3/6 of the set. ▲ ▲ ▲ ▲ ▲	Solve: 5x9 = ___ 5x90=___ 5x900=___	Solve: 49÷7=__ 81÷9=__ 21÷7=__ 25÷5=__

Monday	Tuesday	Wednesday	Thursday	Friday
Estimate the sum by rounding to the nearest ten. 442+109 Is the sum greater or less than 500?	What is the **rule**? 3,7,11,15,19,23	Write the number in **expanded notation**. 6,091	Round 867 to the nearest hundred.	Fill in the blank and then name the property of addition that goes with the example. 10+8+_ =8+2+10

Monday	Tuesday	Wednesday	Thursday	Friday
Copy the set below. Then, circle 5/10 of the set. ✪✪✪✪✪✪✪✪✪✪	Sam put 48 cupcakes into boxes. He put 6 in each box. How many boxes did he fill with cupcakes?	Fill in the blanks using the rule +4 ___, 20, ___, 28 What is the rule for the following pattern? 160, 80, 40, 20, 10	807 -469 1, 203 - 594	Draw an **equilateral** triangle.
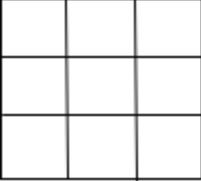
Monday	Tuesday	Wednesday	Thursday	Friday
Draw a **square**. Divide the shape by drawing one **diagonal**. What shape do you have two of now?	329 + 486	Graham's sunflower is 2 **feet** tall. Katie's sunflower is 1 foot 8 **inches** tall. How much taller is Graham's sunflower?	Draw an **array** with 25 circles arranged in 5 **columns**.	**Round** to the nearest ten. 313+209= Is the estimated sum >500 or <500?

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Monday	Tuesday	Wednesday	Thursday	Friday
Pizza Palace sold 120 slices of pieces yesterday. Today it sold 94. How many **fewer** slices did it sell today?	A ticket to the zoo costs $18.00 for an adult. What is the **total cost** for 4 adults?	**About** how much money will you need to buy 4 stopwatches for $12.89 each?	John ate ½ of a pizza. Jane ate ¼ of a pizza. Who ate more?	Draw a quadrilateral with 2 acute angles and 2 obtuse angles.

Monday	Tuesday	Wednesday	Thursday	Friday
Write the number **398,521** in expanded and word form.	15 x 4 = ___	Divide this set into fifths. ▽ ▽ ▽ ▽ ▽ ▽ ▽ ▽ ▽ ▽	Lunch starts at 12:00 and ends at 12:35. How long is lunch?	What is the area of the shape below?

Monday	Tuesday	Wednesday	Thursday	Friday
Draw a **parallelogram** and a **trapezoid**. What is one thing that is the **same** about the shapes? What is one thing that is **different** about the shapes?	Write a fact family for 7, 8, and 56. From yesterday's question, which number is the **product**?	I drove my car 26 miles yesterday and 19 miles today. How many fewer miles did I drive today?	What are the first five **multiples** of 4? ___,___,___,___,___ 6? ___,___,___,___,___ 7? ___,___,___,___,___ 8? ___,___,___,___,___ 9? ___,___,___,___,___	$\dfrac{1}{5}$ = $\dfrac{}{10}$

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Monday	Tuesday	Wednesday	Thursday	Friday
42÷7 = ___ 36÷9= ___ 27÷3 = ___ What three numbers are the **quotients**?	**Round to the nearest thousand** and estimate the difference. 4,502 - 895 = ___	Measure the line segment to the nearest inch. _____ Draw a pair of perpendicular lines.	Draw a picture to show which fractions is larger. Use **<,>, =** to compare them. ⅓ ___ ¼	**36, 752** The 3 digit stands for: _____ The 6 digit stands for: _____ The 7 digit stands for: _____ The 5 digit stands for: _____ The 2 digit stands for: _____

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Monday	Tuesday	Wednesday	Thursday	Friday
_____seconds = 2 minutes	Round $2.63 to the nearest dollar.	Fill in the blanks using the rule multiply by 2. ____, 4, ___, 16	I have 3 vertices and 3 angles. All my sides are different lengths. What polygon am I? I am a _____ (2words)	List all the factors of 12.

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Monday	Tuesday	Wednesday	Thursday	Friday
Complete the number sentences: (20+8) ÷ 2 = ___ (9-6) x 5 = ___	I am a square. If I add the length of each of my sides, it equals 36. How long is each of my sides?	Peter sold 100 cups of lemonade at his lemonade stand. John sold half the cups that Peter sold. How many cups of lemonade did John sell?	Draw a right angle, an obtuse angle, and an acute angle.	Draw an **array** with 27 circles arranged in 3 **columns.**

Some Book Suggestions

Mango, Abuela, and Me
Mia's abuela has left her sunny house with parrots and palm trees to live with Mia and her parents in the city. The night she arrives, Mia tries to share her favorite book with Abuela before they go to sleep and discovers that Abuela can't read the words inside. An endearing tale from an award-winning duo that speaks loud and clear about learning new things and the love that bonds family members.

SFPL Summary: Grades: **K-3. Age range: 5-8**. When a little girl's far-away grandmother comes to stay, love and patience transcend language in a tender story.

I'm New Here
Three students are immigrants from Guatemala, Korea, and Somalia and have trouble speaking, writing, and sharing ideas in English in their new American elementary school. Through self-determination and with encouragement from their peers and teachers, the students learn to feel confident and comfortable in their new school without losing a sense of their home country, language, and identity.

SFPL Summary: Grades: **K-3. Age range: 5-8.** Three children from other countries (Somalia, Guatemala, and Korea) struggle to adjust to their new home and school in the United States, but with happy results.

Mama's Nightingale
After Saya's mother is sent to an immigration detention center, Saya finds comfort in listening to her mother's warm greeting on their answering machine. To ease the distance between them while she's in jail, Mama begins sending Saya bedtime stories inspired by Haitian folklore on cassette tape.

Moved by her mother's tales and her father's attempts to reunite their family, Saya writes a story of her own—one that just might bring her mother home for good.

SFPL Summary: **Grades 2-5. Age range: 5-8**. When Saya's mother is sent to jail as an undocumented immigrant, she sends her daughter a cassette tape with a song and a bedtime story, which inspires Saya to write a story of her own–one that just might bring her mother home.

The Jumbies
Corinne La Mer claims she isn't afraid of anything. Not scorpions, not the boys who tease her, and certainly not jumbies. They're just tricksters made up by parents to frighten their children. Then one night Corinne chases an agouti all the way into the forbidden forest, and shining yellow eyes follow her to the edge of the trees. They couldn't belong to a jumbie. Or could they?

SFPL Summary: **Grades: 3-5. Age range: 9-12**. Eleven-year-old Corinne must call on her courage and ancient magic to stop an evil spirit and save her island home in the Caribbean.

Funny Bones
Funny Bones tells the story of how the amusing calaveras—skeletons performing various everyday or festive activities—came to be. They are the creation of Mexican artist José Guadalupe (Lupe) Posada (1852–1913). In a country that was not known for freedom of speech, he first drew political cartoons, much to the amusement of the local population but not the politicians.

Juxtaposing his own art with that of Lupe's, author Duncan Tonatiuh brings to light the remarkable life and work of a man whose art is beloved by many but whose name has remained in obscurity.

SFPL Summary: **Grades: 1-5. Age range: 6-10**. Presents the life of the Mexican artist Jose Guadalupe Posada, who became famous for his drawings of skeletons in multiple everyday poses which have become identified with the Mexican Day of the Dead.

Gone Crazy In Alabama
The Coretta Scott King Award–winning Gone Crazy in Alabama by Newbery Honor and New York Times bestselling author Rita Williams-Garcia tells the story of the Gaither sisters as they travel from the streets of Brooklyn to the rural South for the summer of a lifetime.

SFPL Summary: **Grades: 3-7. Age range: 8-12**. Tells the story of the Gaither sisters as they travel from the streets of Brooklyn to the rural South for the summer of a lifetime. This is the 3rd and final book in the One Crazy Summer series.

Sitting Bull
Sitting Bull (c. 1831–1890) was one of the greatest Lakota/Sioux warriors and chiefs who ever lived. From Sitting Bull's childhood—killing his first buffalo at age 10—to being named war chief to leading his people against the U.S. Army, Sitting Bull: Lakota Warrior and Defender of His People brings the story of the great chief to light.

SFPL Summary: **Grades 3-7. Age range: 8-12**. A biography that brings the story of the great chief to light.

The Way Home Looks Now
Twelve-year-old Chinese American Peter Lee and his family always shared a passion for baseball, bonding over backlot games and the Pittsburgh Pirates. But when a devastating tragedy strikes, the family flies apart and Peter's mom becomes paralyzed by grief, drifting further and further from her family.

SFPL Summary: **Grades: 3-7. Age range: 8-12**. Peter Lee hopes that if he joins a Little League team, he can reawaken the passion for baseball and family unity that all the members of his family used to share before his older brother's death.

Listen, Slowly
Listen, Slowly is a New York Times Book Review Notable Book and a Publishers Weekly Best Book of the Year! This remarkable and bestselling novel from Thanhha Lai, author of the National Book Award–winning and Newbery Honor Book Inside Out & Back Again, follows a young girl as she learns the true meaning of family.

SFPL Summary: **Grades: 3-7. Age range: 8-12.** A California girl born and raised, Mai can't wait to spend her vacation at the beach. Instead, she has to travel to Vietnam with her grandmother, who is going back to find out what really happened to her husband during the Vietnam War.

Full Cicada Moon
This historical middle-grade novel is told in poems from Mimi's perspective over the course of one year in her new town, and shows readers that positive change can start with just one person speaking up.

SFPL Summary: **Grades: 3-7. Age range: 8-12**. In 1969 twelve-year-old Mimi, a half-black and half-Japanese girl, and her family move to an all-white town in Vermont, where Mimi's mixed-race background and interest in "boyish" topics like astronomy make her feel like an outsider.

- 3-5 book ideas:
  - *Out of My Mind* by Sharon Draper https://www.goodreads.com/book/show/6609765-out-of-my-mind
  - *My Name Is María Isabel* by Alma Flor Ada
    https://www.goodreads.com/book/show/46196.My_Name_Is_Mar_a_Isabel
  - *The First Rule of Punk* by Celia C Pérez
    https://www.goodreads.com/book/show/33245571-the-first-rule-of-punk
  - *Strange Birds: A Field Guide to Ruffling Feathers* by Celia C Pérez
    https://www.goodreads.com/book/show/43269502-strange-birds
  - *Accidental Trouble Magnet (Planet Omar #1)* by Zanib Mian
    https://www.goodreads.com/book/show/43511163-accidental-trouble-magnet
  - *Flying Lessons and Other Short Stories* (Anthology) edited by Ellen Oh
    https://www.goodreads.com/book/show/24561496-flying-lessons-other-stories