SAINT JOHN PAUL II CATHOLIC ACADEMY

Entering Grade 6 Summer Work

Entering Grade 6 Summer Reading Assignments

□ You will read at least FOUR books this summer.

Where to find Reading List Books

- □ Boston Public Library <u>https://www.bpl.org/online-resources/</u>
- Access TumbleBooks <u>https://www.tumblebooks.com/</u>
- □ At the end of this packet

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 a book of your choice.

- □ Letters can be handwritten or typed.
- **L**etters 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 7th grade year!

#2 Answer 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. Choose a character or person from the book, pick a quality that describes him/her, and write one brief paragraph that includes an example of an event from the book that illustrates this quality.
- □ 5. 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?
- □ 6. What is the moral of the story or what is the book trying to teach its readers?

Summer Reading Assignments:

#3 Book Commercial

- □ You are going to recommend a book to your peers and the greater school community.
- Part 1: Written Element
 - □ Write out a draft or script to use as the narration of your book commercial, including the following in your book commercial:

FICTIONAL TITLES

- 1. Title, author, and genre of book.
- 2. Summary of plot, characters, and theme (explain the main conflict, but don't give away the ending—you want people to read it!).
- 3. Opinion and/or recommendation for the book and why did you pick this book?
- 4. Which character did you find the most interesting OR the most relatable?
- 5. One thing you learned from the book that you would like to share with your audience.
- 6. Persuade your audience (primarily other middle school students) to read the book.

NONFICTION TITLES

- 1. Title, author, and subject area of the book.
- 2. Five interesting things you learned from the book
- 3. A brief (30 second) biography of one of the main people in your book, and what was particularly interesting about him/her. Also, 3 questions you would love to ask this person about his/her life.
- 4. Persuade your audience (primarily other middle school students) to read the book.
- □ Part 2: Pictures
 - Select pictures or draw pictures that you feel help portray the story's elements and characters; make a folder in your book commercial folder to save these. Find usable (royalty free) pictures on the internet.

Dear SJP2CA Grade 6 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:

- An overview of the goals and expectations for Middle School Math, as well as specifics about each grade level.
- An overview of what your student learned in Grade 5 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
- 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.
- 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!

Middle School Math Overview

Highlights and Major Work

Grade 6: Ratios and proportional relationships; early expressions and equations Grade 7: Ratios and proportional relationships; arithmetic of rational numbers Grade 8: Linear algebra and linear function

Required Fluencies Overview

Required fluencies are critical skills students need to be successful at a given grade level for each grade. **Fluency** means students have *Flexibility* - they understand relationships between numbers and concepts

Accuracy - they are able to find the correct solution

Efficiency - they know multiple ways to solve a problem and choose the one that works best; efficiency is NOT just speed *Appropriate (strategy choice)* - they know which strategy to use, instead of just choosing the most familiar strategy

K-5 students should have mastered **fact fluency**-- understanding the relationships between numbers and the operations we use for computation; middle school students will shift to **procedural fluency**-- using and applying these facts, algorithms and strategies more deeply and in novel situations.

The daily fact practice in the summer packet will expose students to content across multiple standards to help build their fluency; the additional resources being shared with families provide more games, activities, and books to help build fluency skills in the areas below.

Required Fact Fluencies from Grades 3-5

Incoming middle school students who still need practice on FACT FLUENCY for the 4 operations are strongly encouraged to practice these skills.

- Single-digit products and quotients (ALL products from memory by end of Grade 3)
- Add/subtract within 1000
- Add/subtract within 1,000,000
- Multi-digit multiplication

Grade 5 Skills Practice

By the end of Grade 5, students should successfully be able to do the following; these are great skills to practice over the summer

- 5.NBT.A Understand the place value system (read, write, compare decimals to the thousandths).
- 5.NBT.B Perform operations with multi-digit whole numbers and with decimals to hundredths.
- 5.NF.A Use equivalent fractions as a strategy to add and subtract fractions.
- 5.NF.B Apply and extend previous understandings of multiplication and division to multiply and divide fractions.
- 5.MD.C Geometric measurement: understand concepts of volume and relate volume to multiplication and to addition.

Explore Grade 6 Fluencies

Students ready for a challenge can explore the following skills we will be learning in Grade 6

- 6.NS.B.2 Multi-digit division
- 6.NS.B.3 Multi-digit decimal operations

Online Resources

For more summer learning resources, please visit the Math Coach's Corner at SJP2CA here https://sites.google.com/sip2ca.org/mathcoachscorneratsip

Monday	Tuesday	Wednesday	Thursday	Friday
Name the values of the given digits	Write each decimal as a fraction and each	Word Problem	Solve	Compare the two numbers. Write >, <, or =
The 7s in 6,778	fraction as a decimal	Kate drives 234 miles in 5 hours. Felix only has to drive one half the	The Great Owlet Moth of Brazil has a wingspan of 12.13 inches. Write this	3.692 3.697
The 1s in 4,119	0.02	distance that Kate does. How many miles does	number as a mixed number	5.631 5.739
The 9s in 9,948	9/10	Felix have to drive?	What is a good estimate	7.216 7.203
	7/100	Drew sold lemonade and	for this product? 81 x 409	1.35 0.693
	0.4	fair. He sold a total of \$64. If he sold		
	4/10	\$21 in lemonade, how many dollars worth of apples did he sell?		

Monday	Tuesday	Wednesday	Thursday	Friday
Find the GCF of each pair of numbers using prime factorization.	Write each fraction in simplest form.	Write each decimal as a mixed number or fraction in simplest	Round each number to the place of the underlined digit	Word Problem It takes Isaac 10 minutes
9, 33	20/25	form.	6 <u>7</u> 7	to ride his bike down the hill to school and 20
22, 121	7/77	0.45	4, <u>5</u> 72	from school. He attends school Monday through
7, 15	36/63	12.2	12, <u>0</u> 64	Friday. How many minutes does he spend biking to
17, 51	40/48	8.6	75 <u>8</u> . 32	and from school in two weeks?
6, 24			5.0 <u>2</u> 8	
			0.7 <u>5</u> 8	

Monday	Tuesday	Wednesday	Thursday	Friday
Find each sum	Word Problems	Find each difference	Suppose you toss a coin twice. Find each	Solve each problem
1.03 + 0.36	Elias saved \$30 in July, \$21.50 in August, and \$50	16.82 - 5.21	probability.	63 x 20
13.0 + 4.9	in September. He spent \$18 on movies and	7.21 – 6.1	P (no heads)	27 x 60
356.2 +12.45	\$26.83 on gas. How much does Elias have left?	\$23.06 - \$8.24	<i>P</i> (exactly one head)	35 x 20
17.49 + 9	Alberto ran 15.6 miles on	22.4 – 10		12 x 20
9.01 + 1.99	Monday, 12.8 miles on Tuesday, and 6.5 miles on	4.08 – 2.12	<i>P</i> (at least one head)	34 x 50
	Wednesday. Joan ran 11.25 miles on each of the			82 x 80
	three days. Who ran farther?			

Monday	Tuesday	Wednesday	Thursday	Friday
Solve each equation	Define the following terms;			
6n + 3 = 21	Divisor:	Area:	Improper fraction:	Mixed Number:
10 = 2 + 6W				
5d + 10 = 25	Product:	Estimate:	Order of Operations	Parallel Lines:
7g = 4 = 10	Polygon:	Denominator	Perimeter	Place Value:
	Reciprocal:	Equation	Numerator	Exponent

Monday	Tuesday	Wednesday	Thursday	Friday
Word Problems	Word Problems	Word Problem	Complete	Complete
Which of the following inequalities is true?	If it takes a company 4 hours to build 1,300 cell	Bob has 3 cups of peanuts. He splits	5 x 5 =	48 x 5 =
0.37 < 0.3	will take the company Hours to build	peanuts into $\overline{3}$	7x 9 =	38 x 9 =
A. 0.3 > 0.298	39,000 cell phones.	-cup servings. What is $\frac{1}{3}$	9x 7 =	69 x 7 =
0.298 < 0.2 C. $0.2 > 0.37$	A scale rounds the weights of objects to the nearest tenth of a pound.	cup servings of peanuts Steve has? A. 1	10 x 14 =	15 x 14 =
D.	What is 53.864 pounds rounded to the nearest tenth of a pound?	B. 3 C. 6	22 x 20 =	333 x 20 =
Cement is shipped in bags. Each bag weighs 80 pounds.		D. 9	25 x8 =	587 x 22 =
A construction worker needs 1,250 pounds of cement to complete a job.			66 x 9 =	784 x 9 =
What is the total number of bags of cement that should be shipped for the			33 x 6 =	31 x 9 =
construction worker to complete the job?			74 x 34 =	774 x 3 =
			17 x 8 =	521 x 8

Monday	Tuesday	Wednesday	Thursday	Friday
Multiply	Find each product or quotient. Write in simplest form.	Word Problems Mason is growing	A coin is randomly selected from a jar containing 20 pennies,	Find the mean, median and the mode for each set of data.
9.8 x 2	2/5 x 5/9 =	tomatoes in his garden this year. Every 1.5 ft of stalk yields about 3.4 lbs of tomatoes. He has	15 nickels, 3 dimes, and 12 quarters. Find the odds of each outcome. Write in simplest form.	(99, 88, 88, 92, 100)
12.9 x 8	7/8 x 2 =	4 plants with a combined stalk length of 10.5 ft. How many	A dime	
170 x 0.3	4/5 x 1/5 =	pounds of tomatoes can he expect to harvest?	A value less than \$0.25 A value greater than \$0.10	(30, 22, 38, 41, 33, 41, 30, 24)
0.3 x 52			A value less than \$0.03	

Monday Tuesday Wednesday Thursday Friday
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Evaluate each expression.	Find each sum or	Find the value of each	Name the property used	Complete
35 - 3 + 8 =	umerence	expression.	in each step.	648 x 15 =
	9/10 + 5/6	5.65 - 3.08 =	2 x 3 + (4 x 2 – 8)	
$20 \ 3(0 \ 4) -$	2/3 - 1/8	1 1 /12 + 3 2 /3 -	$= 2 \times 3 + (8 - 8)$	398 x 29 =
29 - 3 (9 - 4)-	11/12 - 5/6	1 1/12 + 3 2/3 -		
	11/18 -2/9	4.85 (2.72) =	$= 2 \times 3 + (0)$	369 x 7 =
			= 6 + 0	1551 x 14 =

Monday	Tuesday	Wednesday	Thursday	Friday
Find the value of x. Then name the property used.	Define	Find each sum or difference	Complete	Complete
8 = 8 + x	Line:	5/8 - 1/4	432 x 6 =	123 x 7 =
			657 x 14 =	914 x 14 =
10x = 10	Integers:	4/5 - 3/10	951 x 2 =	224 x 20 =
X + 0 = 5		1/2 + 1/3	258 x 12 =	652 x 32 =
A + 0 - 5	Interval:	1/2 • 1/5	352 x 9 =	78 x 8 =
5 + 1/5 = x		11/15 - 2/3	32 x 8 =	33 x 5 =
	Liter:			

Monday	Tuesday	Wednesday	Thursday	Friday
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Saint John Paul II Summer Packet – Entering Grade 6

Add or subtract each mixed number	Write an algebraic expression for each word phrase	Match each word phrase with an expression	Word Problem	Multiple Choice Which integer is greater
$9\frac{1}{3} - 4\frac{1}{6}$ $8\frac{1}{3} - 5\frac{5}{3}$	13 less than a number <i>q</i>	There are two fewer	miles east to visit his grandmother, and then 5.2 miles farther east to a	A. 4 B
4 12	Number of day in w	There are half as many	restaurant. His family then drove west to return home How many miles	2 C5 D7
$11\frac{7}{8} + 3\frac{9}{24}$	weeks	ears	did his family travel in all?	
		books a. m + 2 b . n divided by 2		
		c. p - 2		

Monday	Tuesday	Wednesday	Thursday	Friday
Tell what fraction each person gets	Complete 662 x 6 =	Complete 987 x 5 =	Word Problem	Word Problem
Three people share 2 cans of paint	314 x 4 =	654 x 14 =	\$3.75. a 2 lb bag costs \$2.58. If you want to spend	40.5 inches of rain this year. This year's total was
	523 x 2 =	369 x 2 =	as little as possible to buy 6 lb of apples, how should	2.62 inches greater than last year's total.
Two students share 1 sheet of paper	256 x 5 =	258 x 12 =	you buy them?	What was the total amount of rain that Verndale had
	111 x 7 =	147x 9 =		last year?
Four friends share 3 apples	374 x 9 =	369 x 8 =		
Five friends share 5 bagels				
Monday	Tuesday	Wednesday	Thursday	Friday

Word Problems	Word Problem	Write an algebraic	Simplify oach ovprossion	Find oach quotiont
word ribblems	word i robiem	avpression for each		rind each quotient
1	A movie costs \$8.50 for	nhraso	$3 \times (4 - 1) + 8$	$\Lambda \div 16$
John has 1 hours of	adults and \$5.75 for	pinase.		т. /2
2	childron under 13	The product of -3 and a		2 1
homework from Monday	Enrico's fathor took	number s		$8 \div \frac{-}{4}$
through Thursday	Enrico and two of his	number s		
3	friends to the movie If			$8 \div \frac{1}{2}$
And 2 hours over the	Fnrico and his friends are	A number v divided by	12 - 6(5-4)	3
weekend How much	under 13 what was the	12		
homework does John have	total cost for the movie?	14		2
in a week?				$9 \div \frac{3}{2}$
in a week.				o
		The sum of 4 and a		
		number f		

Entering Grade 6 and 7 choose TWO books from the list from DIFFERENT genres. Entering Grade 8 choose THREE books from this list from three DIFFERENT genres.

GENRE	Book Choices	Book Choices	Book Choices	Book Choices	Book Choices
Fiction	The Whitee <i>St. John</i>	Drums, Girls and Dangerous Pie- Sonnenblick	Walk Two Moons Creech	The Maze Runner Dashner	The Graveyard Book Gaiman
Sci Fi/Fantasy	The Giver Lowry	Where the Mountain Meets the Moon Lin	The Dark is Rising Series Cooper	The City of Ember DuPrau	When You Reach Me Stead
Bio/AutoBio	Hidden Figures: Young Readers Edition <i>Lee, Shutterly</i>	Red Scarf Girl: A Memoir of the Cultural Revolution Jiang	FREE CHOICE: Must be grade level and appropriate for school!!!	Twelve Rounds to Glory: The Story of Muhammad Ali Smith	Dreams from My Father Obama
Historical	The Witch of Blackbird Pond Speare	The Shakespeare Stealer Blackwood	Bud, Not Buddy Paul Curtis	Inside Out and Back Again Lai	Crispin: The Cross of Lead Avi
Mystery/Adventure	Call of the Wild: The Graphic Novel London	Alex Rider Series Horowitz	FREE CHOICE: Must be grade level and appropriate for school!!!	Liar, Liar Paulson	Ender's Game Scott Card

Title and Author	Description Adapted from BookSource.com	Helpful Information
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<i>Number the Stars</i> by Louis Lowry	In 1943, during the German occupation of Denmark, ten-year-old Annemarie learns how to be brave and courageous when she helps shelter her Jewish friend from the Nazis.	Lexile: 670L
<i>The Penderwicks</i> by Jeanne Birsall	The four sisters of this nostalgic novel delight in a summer of adventure and discovery at a beautiful Massachusetts estate named Arundel. Jeffrey, the son of Arundel's owner, becomes the perfect companion to their exploits.	Lexile: 800L
<i>Pax</i> by Sara Pennypacker	Pax and Peter have been inseparable ever since Peter rescued him as a kit. But one day, the unimaginable happens: Peter's dad enlists in the military and makes him return the fox to the wild. At his grandfather's house, three hundred miles away from home, Peter knows he isn't where he should be-with Pax. He strikes out on his own despite the encroaching war to be reunited with his fox.	Lexile: 760L
<i>Me Frida and the Secret of the Peacock</i> <i>Ring</i> by Angela Cervantes	A room locked for fifty years. A valuable peacock ring. A mysterious brother-sister duo. Paloma Marquez is traveling to Mexico City, birthplace of her deceased father, for the very first time. She's hoping that spending time in Mexico will help her unlock memories of the too-brief time they spent together. While in Mexico, Paloma meets Lizzie and Gael, who present her with an irresistible challenge: The siblings want her to help them find a valuable ring that once belonged to beloved Mexican artist Frida Kahlo.	Lexile: 710L
<i>The View from Saturday</i> by E.L. Konigsburg	Four students, with their own individual stories, develop a special bond and attract the attention of their teacher, a paraplegic, who chooses them to represent their sixth-grade class in the Academic Bowl competition.	Lexile:870L
<i>The Magician's Elephant</i> by Kate DiCamillo	When a fortune teller's tent appears in the market square of the city of Baltese, orphan Peter Augustus Duchene knows the questions that he needs to ask: Does his sister still live? And if so, how can he find her? The fortuneteller's mysterious answer (an elephant! An elephant will lead him there!) sets off a chain of events so remarkable, so impossible, that you will hardly dare to believe its true.	Lexile: 730L
<i>Tuck Everlasting</i> by Natalie Babbit	The Tuck family is confronted with an agonizing situation when they discover that a 10-year-old girl and a malicious stranger now share their secret about a spring whose water prevents one from ever growing any older.	Lexile: 770L
The Wild Robot by Peter Brown	When robot Roz opens her eyes for the first time, she discovers that she is	Lexile: 740L

	alone on a remote, wild island. Why is she there? Where did she come from? And, most important, how will she survive in her harsh surroundings? Roz's only hope is to learn from the island's hostile animal inhabitants. When she tries to care for an orphaned gosling, the other animals finally decide to help, and the island starts to feel like home.	
<i>THe Higher Power of Lucky</i> by Susan Patron	Fearing that her legal guardian plans to abandon her to return to France, ten-year-old aspiring scientist Lucky Trimble determines to run away, while also continuing to seek the Higher Power that will bring stability to her life.	Lexile: 950L
<i>The MIghty Miss Malone</i> by Christopher Paul Curtis	Academically gifted Deza Malone and her family embark on a journey to find her job-seeking father when he goes missing and end up in a shanty town in Flint, Michigan.	Lexile: 750L
Sadako And The Thousand Paper Cranes by Eleanor Coerr	Based on a true story, Hiroshima-born Sadako is told that she has the "atom bomb disease," leukemia; thus she turns to her native beliefs by making a thousand paper cranes so the gods will grant her one wish to be well again.	Guided Reading: R Lexile: 690L
<i>A Long Walk to Water</i> by Linda Sue Park	A Long Walk to Water begins as two stories, told in alternating sections, about a girl in Sudan in 2008 and a boy in Sudan in 1985. The girl, Nya, is fetching water from a pond that is two hours' walk from her home: she makes two trips to the pond every day. The boy, Salva, becomes one of the "lost boys" of Sudan, refugees who cover the African continent on foot as they search for their families and for a safe place to stay. Enduring every hardship from loneliness to attack by armed rebels to contact with killer lions and crocodiles, Salva is a survivor, and his story goes on to intersect with Nya's in an astonishing and moving way.	Guided Reading: W Lexile: 720L
<i>Volcano Rising</i> by Elizabeth Rusch	Simple science text geared toward young children introduces the parts of a volcano and explains the ways in which volcanoes create new land, mountains, and islands where none existed before. An informational second layer provides specific examples, featuring volcanoes found in the United States and other parts of the world.	Nonfiction Lexile: 1090L
The Boy Who Harnessed the Wind: Young Readers Edition by William Kamkwamba	When a terrible drought struck William Kamkwamba's tiny village in Malawi, his family lost all of the season's crops, leaving them with nothing to eat and nothing to sell. William began to explore science books in his village library, looking for a solution and came up with the idea that would change his family's life forever: he could build a windmill. Made out of scrap metal	Nonfiction Lexile: 860L

	and old bicycle parts, William's windmill brought electricity to his home and helped his family pump the water they needed to farm the land.	
<i>We Are the Ship: The Story of Negro League Baseball</i> Nelson Kadir	Rich illustrations capture the excitement and thrills of the glory years of Negro League baseball in the early 1900s, profiling its star athletes, highlighting the challenges faced by the players, and the sacrifices made to live out their dreams and play the game they loved.	Nonfiction Lexile: 900L
<i>Hidden Figures: Young Reader's Edition</i> Margot Lee Shetterly	This book brings to life the stories of Dorothy Vaughan, Mary Jackson, Katherine Johnson, and Christine Darden, four African-American women who lived through the Civil Rights era, the Space Race, the Cold War, and the movement for gender equality, and whose work forever changed the face of NASA and the country.	Nonfiction Lexile: 1120L

- 6-8 book ideas: A few options that are MG focused around identity and community...
 - Harbor Me by Jacqueline Woodson <u>https://www.penguinrandomhouse.com/books/304852/harbor-me-by-jacqueline-woodson/</u>
 - Clean Getaway by Nic Stone <u>https://www.goodreads.com/book/show/49917829-clean-getaway</u> (upper middle)
 - The Hero Next Door (Anthology) edited by Olugbemisola Rhuday-Perkovich <u>https://www.goodreads.com/en/book/show/42790794-the-hero-next-door</u>
 - Look Both Ways: A Tale Told in Ten Blocks by Jason Reynolds <u>https://www.goodreads.com/book/show/45493566-look-both-ways</u>
 - *Fresh Ink, An Anthology edited by Lamar Giles <u>https://www.goodreads.com/book/show/31292315-fresh-ink</u>
 - *Hope Nation: YA Authors Share Personal Moments of Inspiration edited by Rose Brock <u>https://www.goodreads.com/book/show/34959355-hope-nation</u>
 - New Kid and/or Class Act by Jerry Craft https://www.goodreads.com/book/show/39893619-new-kid (either/both of these could be good for 7th/8th grade for discussion around transitioning to high school; maybe New Kid for summer and then Class Act as an in-school read next year)
 - Count Me In by Varsha Bajaj https://www.goodreads.com/book/show/38724576-count-me-in
 - Posted by John David Anderson <u>https://www.goodreads.com/book/show/31371228-posted</u>
 - Ancestor Approved: Intertribal Stories for Kids (Anthology) edited by Cynthia Leitich Smith <u>https://www.goodreads.com/book/show/53402104-ancestor-approved</u>