SAINT JOHN PAUL II CATHOLIC ACADEMY

Entering Grade 5 Summer Work

Entering Grade 5 Summer Reading Assignments

- ❏ You will read at least THREE books this summer.
- ❏ *My Side of the Mountain* is required reading for entering Grade 5
- ❏ Incoming 5th graders choose TWO additional books from the Reading List at the end of your packet.

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 5th 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. 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?

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Monday	Tuesday	Wednesday	Thursday	Friday
Solve. 41 x 58 = 58 x 36 = 75 x 23 = 69 x 34 = 987 x 25 = 369 x 75 = 157 x 74 = 287 x 65 =	**Name the values of the given digits in the numbers below.** The 9s in 299 The 5s in 4,557 The 3s in 3300 The 8s in 8856 The 1s in 5111 The 2s in 8220	**List the first 12 multiples of the following:** 2 ____,____,____,____,____,____ ____,____,____,____,____,____ 3 ____,____,____,____,____,____ ____,____,____,____,____,____ 4 ____,____,____,____,____,____ ____,____,____,____,____,____ 5 ____,____,____,____,____,____ ____,____,____,____,____,____ 6 ____,____,____,____,____,____ ____,____,____,____,____,____	**Use mental math to find each product.** 537 x 10 6637 x 1000 925 x 10 567 x 100 **Use mental math to find each dividend.** 760 / 10 3,800 / 100 450 / 10 45,000 / 1000	**Name the place values of the given digits in the numbers below.** The 2 in 299 The 7 in 4,557 The 3 in 3400 The 8 in 8756 The 1 in 15,000

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Monday	Tuesday	Wednesday	Thursday	Friday
Solve. 256 x 89 = 296 x 45 = 436 x 54 = 123 x 52 = 357 x 15 = 258 x 84 = 148 x 54 = 638 x 19 = 269 x 17 = 112 x 55 =	**Name the values of the given digits in the numbers below.** The 9s in 939 The 5s in 5,695 The 3s in 39,330 The 8s in 5,887 The 1s in 1,122 The 2s in 2210	**List the first 12 multiples of the following:** 7 ____,____,____,____,____,____ ____,____,____,____,____,____ 8 ____,____,____,____,____,____ ____,____,____,____,____,____ 9 ____,____,____,____,____,____ ____,____,____,____,____,____ 10 ____,____,____,____,____,____ ____,____,____,____,____,____ 11 ____,____,____,____,____,____ ____,____,____,____,____,____ 12 ____,____,____,____,____,____ ____,____,____,____,____,____	**Define:** Multiple: Common Multiple: Lowest Common Multiple:	**Word Problem.** A group of twelve volunteers raises $144 for three charities. Each charity gets the same amount. How much does each charity get?

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Summer Packet – Entering Grade *5*

Monday 7/4	**Tuesday**	**Wednesday**	**Thursday**	**Friday**
Solve. 662 x 6 = 314 x 4 = 523 x 2 = 256 x 5 = 111 x 7 = 374 x 9 = .	**Define the following terms.** Factor: Common Factor: Greatest Common Factor:	**List the factors of the following:** 42 ___,___,___,___,___,___,___ 24 ___,___,___,___,___,___,___ 36 ___,___,___,___,___,___,___ 56 ___,___,___,___,___,___,___ 12 ___,___,___,___,___,___,___ 8 ___,___,___,___,___,___,___	**Find the GCF for each set of numbers.** 42, 24 _____ 36, 56 _____ 12. 8 _____	**Word problems** A school has 300 students and 30 teachers. What is the ratio between the number of teachers and the number of students of the school?

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Monday 7/11	Tuesday	Wednesday	Thursday	Friday
Solve. 672 / 6 = 316 / 4 = 528 / 2 = 240 /12 = 749 / 7 = 333 / 9 = . 84/12 =	**Compare the following numbers using <, > or =** 157668 [ ] 214741 130478 [ ] 273534 843868 [ ] 658506 227279 [ ] 227279 279712 [ ] 507780 616707 [ ] 616707	**List the factors of the following:** 40 ___,___,___,___,___,___,___ 18 ___,___,___,___,___,___,___ 36 ___,___,___,___,___,___,___ 56 ___,___,___,___,___,___,___ 30 ___,___,___,___,___,___,___	**Find the GCF for each set of numbers.** 40, 18 _____ 36, 56 _____ 18, 30 _____	**Word Problem.** Two frogs hop around a circular track that is 60 inches around. First the larger frog jumps 13 in. and then the smaller frog jumps 11 in. If they take turns jumping, how many inches from the start will they be when they once again are at the same point?

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Monday 7/18	**Tuesday**	**Wednesday**	**Thursday**	**Friday**
Solve. 342 / 3 = 458 / 6 = 175 / 4 = 629 / 7 = 887 / 5 = 329 / 8 = 257 / 9= 324 / 2 =	**Compare the following numbers using <, > or =** 234568 [ ] 213441 246478 [ ] 277524 843768 [ ] 634506 225679 [ ] 222379 279712 [ ] 509080 616345 [ ] 613707	**Write the standard form and word form of:** 100000000 + 20000000 + 3000000 + 900000 + 90000 + 9000 + 30 + 3 100000000 + 50000000 + 300000 + 30000 + 2000 + 10 + 9	**Add the following and round to the nearest hundred.** 82996 + 2846 = 65935 + 2726 = 40325 + 8283 = 69281 + 9690 = 45543 + 8073 = 12955 + 4934 =	**Word Problem.** If it takes a company 4 hours to build 1,300 cell phones, at the same rate it will take the company _____ Hours to build 39,000 cell phones.

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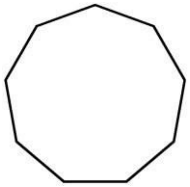
Monday	**Tuesday**	**Wednesday**	**Thursday**	**Friday**
Complete the table. **In** / **Out** 1 / 11 3 / 13 4 / 14 6 / 7 / 17 / 20	**Are these shapes open or closed?** _____  _____	**Write the place value of:** 400000000 + 90000000 + 9000000 + 300000 + 20000 + 5000 + 700 + 90 + 5 800000000 + 90000000 + 7000000 + 700000 + 80000 + 3000 + 700 + 80 + 4	**Subtract the following and round to the nearest tens.** 82996 - 2846 = 65935 - 2726 = 40325 - 8283 = 69281 - 9690 = 45543 - 8073 =	**Word Problem.** A stock worth $34 at the beginning of the day lost $15 in value by the end of the day. What was the price at the end of the day?

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Monday 8/1	Tuesday	Wednesday	Thursday	Friday
Complete the table.	**Define.**	**Find the pattern.**	**Compare the fractions using <,> or =**	**Word Problem.**
	Triangle:	48, 57, 66,____,____,____,____		Frank worked 8 hours on the first four days of the week. How many hours did he work in these four days?
		29, 48, 67,____,____,____,____	$\frac{5}{13}$ $\frac{5}{17}$	
		8, 24, 40,____,____,____,____		
	Square:	14, 19, 24,____,____,____,____	$\frac{7}{7}$ $\frac{7}{10}$	
		37, 46, 55,____,____,____,____	$\frac{19}{18}$ $\frac{18}{18}$	Sue's family went on vacation. Her mom drove the car at 60 mph. They camped at a campground after traveling for 5 hours. How far was the campground from their home?
	Rectangle:	63, 69, 75,____,____,____,____		
		9, 18, 27,____,____,____,____	$\frac{15}{18}$ $\frac{1}{18}$	
		26, 38, 50,____,____,____,____	$\frac{11}{18}$ $\frac{11}{17}$	
	Quadrilateral	69, 91, 113,____,____,____,____		

In	Out
3	6
4	8
	12
7	14
	18
10	20

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Monday 8/8	Tuesday	Wednesday	Thursday	Friday
Complete the table. **In** / **Out** 1 / 3 2 / 6 3 / 4 / 12 / 15 6 / 18	**Draw a set of parallel lines.** **Draw a set of perpendicular lines.**	**Find the pattern of multiplication.** 100, 1,000, 10,000, _____, _____ 90, 180, 360, _____, _____ 46, 506, 5,566, _____, _____ 77, 616, 4,928, _____, _____ 60, 1,020, 17,340, _____, _____	**Order from least (smallest) to greatest (largest)** $\frac{2}{19}$ $\frac{2}{16}$ $\frac{2}{18}$ ___, ___, ____ $\frac{1}{2}$ $\frac{1}{4}$ $\frac{1}{20}$ ___, ___, ____	**Word Problem.** Brett drove 55 miles every hour. How many miles would he drive in 8 hours? A perfect score is 21 points. How many points would you have after three perfect games in a row?

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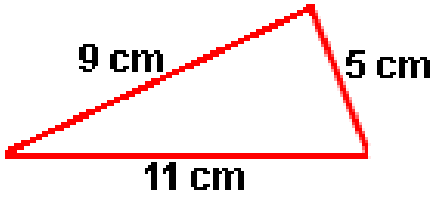
<table>
<tr><th>Monday 8/18</th><th>Tuesday</th><th>Wednesday</th><th>Thursday</th><th>Friday</th></tr>
<tr>
<td>Complete the table.
<table>
<tr><th>In</th><th>Out</th></tr>
<tr><td>0</td><td>5</td></tr>
<tr><td>3</td><td>8</td></tr>
<tr><td>7</td><td></td></tr>
<tr><td>8</td><td></td></tr>
<tr><td>10</td><td>15</td></tr>
<tr><td>11</td><td>16</td></tr>
</table>
</td>
<td>Draw an acute angle.

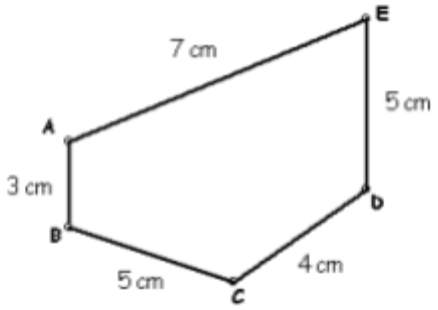
Draw a right angle.

Draw an obtuse angle.</td>
<td>Find the perimeter of and name the polygons.

Name: _____

Perimeter = _____

Name: _____

Perimeter = _____</td>
<td>Find an equivalent Fraction.

9/15 = __/5

16/32 = 4/__

3/6 = __/12

14/28 = 7/__

6/15 = 2/__</td>
<td>Word Problems.

Brian’s car gets 20 miles per gallon. On his last trip, he used 3 gallons of gas. How many miles did he travel on his last trip?

A chocolate chip cookie recipe calls for 2 cups of chocolate chips. You want to make 23 recipes for a bake sale. How many cups of chocolate chips will be needed to make all the cookie recipes?</td>
</tr>
</table>

Saint John Paul II
Summer Packet – Entering Grade *5*

Monday 8/25	**Tuesday**	**Wednesday**	**Thursday**	**Friday**
Solve. 15 / 4 = 333 / 0 = 587 / 5 = 784 / 6= 311 / 7 = 774 / 3 = 521 / 8 = 369 / 5 =	**Define.** Pentagon: _____ _____ _____ Hexagon: _____ _____ _____ Octagon: _____ _____ _____ Decagon _____ _____ _____	**Draw the following polygons.** Parallelogram Rectangle Rhombus Square Trapezoid These are all examples of what type of polygon? _____	**Write the fractions in lowest terms.** 12/14 10/12 7/14 4/16 18/36	**Word Problems.** I have a pet golden retriever. Each year he gains 11 pounds. He is 8 Years old. How many pounds does he weigh? John can run one block in 30 seconds. How far can he run in 5 Minutes?

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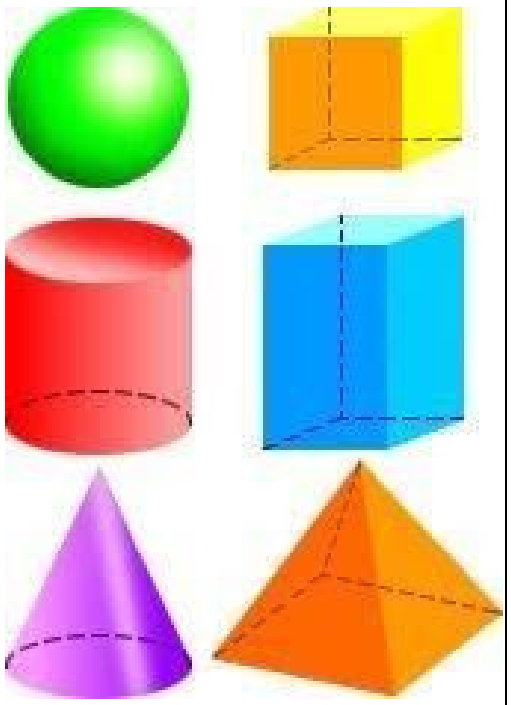
Monday	Tuesday	Wednesday	Thursday	Friday
Complete. James measured the length of each nail in his toolbox. He made a table to show his data. Use the number line to make a line plot of the data. Length in inches / Number of nails 1 / 4 2 / 3 3 / 4 4 / 0 5 / 2 0 1 2 3 4 5	**How many sides do the following polygons have?** Decagon: ____ Pentagon: ____ Quadrilateral: ____ Triangle: ____ Hexagon: ____ Nonagon: ____ Heptagon: ____	**Name the figures** 	**Write each fraction in simplest form.** $\frac{20}{25}$ $\frac{9}{42}$ $\frac{7}{77}$ $\frac{36}{63}$ $\frac{40}{48}$	**Word Problems.** I walked 2 miles in 1 hour for Relay for Life. If I maintained this pace for the 8 hours I walk, how many miles total will I walk? I walk 1 mile every 15 minutes. I walked 3 miles. How many minutes did it takes me to walk 3 miles?

Book Information and Choice Book List

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Title and Author	Description Adapted from BookSource.com	Helpful Information
My Side of the Mountain **by Jean Craighead George**	**<u>Required reading for all students entering 5th grade.</u> Terribly unhappy in his family's crowded New York City apartment, Sam Gribley runs away to the solitude-and danger-of the mountains, where he finds a side of himself he never knew.**	**Lexile: 810L** **Newbery Honor Book**
Additional Book Choices	Descriptions Adapted from BookSource.com	Helpful Information
Tiger Rising by Kate DiCamillo	Walking through the misty Florida woods one morning, twelve-year old Rob Horton is stunned to encounter a tiger pacing back and forth in a cage. What's more, on the same extraordinary day, he meets Sistine Bailey, a girl who shows her feelings as readily as Rob hides his. As they learn to trust each other, and ultimately, to be friends, Rob and Sistine prove that some things -- like memories, and heartache, and tigers -- can't be locked up forever.	**Available on TumbleBooks** **Grades:** 4-6 **Lexile Level:** 590
Pandas on the Eastside by Gabrielle Prendergast	When ten-year-old Journey Song hears that two pandas are being held in a warehouse in her neighborhood, she worries that they may be hungry, cold and lonely. Horrified to learn that the pandas, originally destined for a zoo in Washington, might be shipped back to China because of a diplomatic spat between China and the United States, Journey rallies her friends and neighbors on the poverty-stricken Eastside. Her infectious enthusiasm for all things panda is hard to resist, and soon she's getting assistance from every corner of her tight-knit neighborhood.	**Available on TumbleBooks** **Reading Level Grade**: 4-6
Lost in the Backyard by Alison Hughes	Flynn hates the outdoors. Always has. He barely pays attention in his Outdoor Ed class. He has no interest in doing a book report on Lost in the Barrens. He doesn't understand why anybody would want to go hiking or camping. But when he gets lost in the wilderness behind his parents' friends' house, it's surprising what he remembers—insulate your clothes with leaves, eat snow to stay hydrated, build a shelter, eat lichen—and how hopelessly nept he is at survival techniques.	**Available on TumbleBooks** **Reading Level Grade**: 4-6

Number the Stars 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**
The Penderwicks 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**
Pax 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**
Me Frida and the Secret of the Peacock Ring 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**
The View from Saturday 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**
The Magician's Elephant 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.	**Available on TumbleBooks** **Lexile: 730L**
Tuck Everlasting 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 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.	**Lexile: 740L**
THe Higher Power of Lucky 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**
The MIghty Miss Malone 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**
A Long Walk to Water 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**
Volcano Rising 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 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.	**Nonfiction** **Lexile: 860L**
We Are the Ship: The Story of Negro League Baseball 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**
Hidden Figures: Young Reader's Edition 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**