

2019-2020 Neponset Grade 5 Supply List

Please do not get a backpack with wheels as they do not fit in lockers.

All fifth and sixth graders take violin as music class and will be expected to rent or buy a violin for the school year. More information will go home in September.

- (2) 12 packs of #2 pencils
- 1 package of glue sticks (at least 4)
- 1 pair of scissors
- 1 package of thin whiteboard markers
- (1) 10 pack crayola markers
- (1) 12 pack crayola colored pencils
- Pencil case or bag
- Index cards (500)
- Homework folder
- (2) 2 pocket folders
- 2 large packages of loose leaf paper
- 1 textbook cover
- (2) spiral-bound 1 subject notebooks (*Science, Social Studies*)
- (1) 1 inch binder (*Math*)
- 5 pack of binder dividers (*Math*)
- \$10 for Scholastic News
- Clorox wipes
- Tissues
- Paper towels
- 1 ream of copy paper

SJP SUMMER READING ASSIGNMENT 2019

Dear Incoming Grade 5 Students and Families,

In an effort to promote stronger community and in-depth book discussion in the fall, **all 5th graders will be reading the book, *My Side of the Mountain*, by Jean Craighead George.** The themes and conflicts in this book are expanded on in our *Reading Street* curriculum. Our Unit 1, Literature Pieces examine the personal challenges, struggles with nature, and self determination found in *My Side of the Mountain*. Students must also choose two other books from the list provided. Students will be responsible for reading a total of three books including the required reading.

As documentation of reading, students will write two letters to their new teacher. **One letter** should be about what they thought and felt while reading, ***My Side of the Mountain***. The **second letter** should contain information or opinions about the **other two books** that the student chose to read. Ideas for topics are attached. The letters are due on September 20, 2019. Best wishes for a happy and healthy summer.

Sincerely,
Your teachers

REQUIRED BOOK FOR ALL INCOMING GRADE 5 STUDENTS

MY SIDE OF THE MOUNTAIN

JEAN CRAIGHEAD GEORGE

CHOICE BOOKS

THE VIEW FROM SATURDAY	E.L. KONIGSBURG
THE SUMMER OF THE SWANS	BETSY BYARS
CHASING VERMEER	BLUE BALLIETT
WONDER	R.J. PALICIO
A WRINKLE IN TIME	MADELEINE L'ENGLE
THE HIGHER POWER OF LUCKY	SUSAN PATRON
THE WILD ROBOT	PETER BROWN
WHITTINGDON	ALAN W. ARMSTRONG
TUCK EVERLASTING	NATALIE BABBIT
THE MAGICIAN'S ELEPHANT	KATE DICAMILLO ** AVAILABLE ON TUMBLE BOOKS
THE MIGHTY MISS MALONE	CHRISTOPHER PAUL CURTIS
ME FRIDA, AND THE SECRET OF THE PEACOCK RING	ANGELA CERVANTES
FISH	L.S. MATHEWS
NUMBER THE STARS	LOIS LOWRY
PAX	SARA PENNYPACKER
THE PENDERWICKS	JEANNE BIRDSALL
THE MIRACULOUS JOURNEY	KATE DICAMILLO

OF EDWARD TULANE

****TUMBLE BOOKS -FREE ACCESS TO ONLINE BOOKS!**

- 1. GO TO THE SAINT JOHN PAUL II CATHOLIC ACADEMY WEBSITE.**
- 2. CLICK ON ACADEMICS**
- 3. CLICK ON FOURTH TAB- NO PASSWORD NEEDED**

NonFiction

VOLCANO RISING

RUSCH

The Boy Who Harnessed the Wind: Young Readers Edition
by William Kamkwamba and Bryan Mealer illustrated by Elizabeth
Zunon

Hidden Figures: Young Reader's Edition Margot Lee Shetterly

We Are the Ship: The Story of Negro League Baseball Nelson Kadir

**ANY NONFICTION BOOK ON A SCIENCE TOPIC, HISTORICAL
EVENT, OR IMPORTANT PERSON CAN BE INCLUDED AS AN
OPTION**

SAINT JOHN PAUL II CATHOLIC ACADEMY

Entering Grade 5 Summer Math

Saint John Paul II
MATH Summer Packet – Entering Grade 5

In Grade 4 You Learned To:

Operations and Algebraic Thinking

- Use the four operations with whole numbers to solve problems.
- Gain familiarity with factors and multiples.
- Generate and analyze patterns.

Number and Operations in Base Ten

- Generalize place value understanding for multi-digit whole numbers.
- Use place value understanding and properties of operations to perform multi-digit arithmetic.

Number and Operations—Fractions

- Extend understanding of fraction equivalence and ordering.
- Build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers.
- Understand decimal notation for fractions, and compare decimal fractions.

Measurement and Data

- Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit.
- Represent and interpret data.
- Geometric measurement: understand concepts of angle and measure angles.

Geometry

- ▣ Draw and identify lines and angles, and classify shapes by properties of their lines and angles.

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 MATH Summer Packet – Entering Grade 5

Monday 6/20	Tuesday	Wednesday	Thursday	Friday
<p>Solve.</p> <p>41 x 58 =</p> <p>58 x 36 =</p> <p>75 x 23 =</p> <p>69 x 34 =</p> <p>987 x 25 =</p> <p>369 x 75 =</p> <p>157 x 74 =</p> <p>287 x 65 =</p>	<p>Name the values of the given digits in the numbers below.</p> <p>The 9s in 299</p> <p>The 5s in 4,557</p> <p>The 3s in 3300</p> <p>The 8s in 8856</p> <p>The 1s in 5111</p> <p>The 2s in 8220</p>	<p>List the first 12 multiples of the following:</p> <p>2</p> <p>_____</p> <p>_____</p> <p>3</p> <p>_____</p> <p>_____</p> <p>4</p> <p>_____</p> <p>_____</p> <p>5</p> <p>_____</p> <p>_____</p> <p>6</p> <p>_____</p> <p>_____</p>	<p>Use mental math to find each product.</p> <p>537 x 10</p> <p>6637 x 1000</p> <p>925 x 10</p> <p>567 x 100</p> <p>Use mental math to find each dividend.</p> <p>760 / 10</p> <p>3,800 / 100</p> <p>450 / 10</p> <p>45,000 / 1000</p>	<p>Word Problem</p> <p>Three students eat lunch five days in a row. They spend a total of \$60. The students spend the same amount of money for each lunch. What is the cost of one lunch?</p>

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Monday 6/27	Tuesday	Wednesday	Thursday	Friday
Solve.	Name the values of the given digits in the numbers below.	List the first 12 multiples of the following:	Define:	Word Problem.
256 x 89 =	The 9s in 939	7 _____ _____	Multiple:	A group of twelve volunteers raises \$144 for three charities. Each charity gets the same amount. How much does each charity get?
296 x 45 =	The 5s in 5,695	8 _____ _____	Common Multiple:	
436 x 54 =	The 3s in 39,330	9 _____ _____	Lowest Common Multiple:	
123 x 52 =	The 8s in 5,887	10 _____ _____		
357 x 15 =	The 1s in 1,122	11 _____ _____		
258 x 84 =	The 2s in 2210	12 _____ _____		
148 x 54 =				
638 x 19 =				
269 x 17 =				
112 x 55 =				

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Monday 7/4	Tuesday	Wednesday	Thursday	Friday
<p>Solve.</p> <p>$662 \times 6 =$</p> <p>$314 \times 4 =$</p> <p>$523 \times 2 =$</p> <p>$256 \times 5 =$</p> <p>$111 \times 7 =$</p> <p>$374 \times 9 =$</p>	<p>Define the following terms.</p> <p>Factor:</p> <p>Common Factor:</p> <p>Greatest Common Factor:</p>	<p>List the factors of the following:</p> <p>42 _____</p> <p>24 _____</p> <p>36 _____</p> <p>56 _____</p> <p>12 _____</p> <p>8 _____</p>	<p>Find the GCF for each set of numbers.</p> <p>42, 24 _____</p> <p>36, 56 _____</p> <p>12, 8 _____</p>	<p>Word problems</p> <p>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?</p>


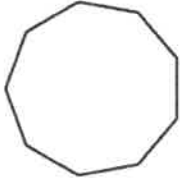
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 MATH Summer Packet – Entering Grade 5

Monday 7/11	Tuesday	Wednesday	Thursday	Friday
Solve. 672 / 6 =	Compare the following numbers using <, > or = 157668 [] 214741	List the factors of the following: 40 _____	Find the GCF for each set of numbers. 40, 18 _____	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?
316 / 4 =	130478 [] 273534	18 _____	36, 56 _____	
528 / 2 =	843868 [] 658506	36 _____	18, 30 _____	
240 / 12 =	227279 [] 227279	56 _____		
749 / 7 =	279712 [] 507780	30 _____		
333 / 9 =	616707 [] 616707			
84/12 =				

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 MATH Summer Packet – Entering Grade 5

Monday 7/18	Tuesday	Wednesday	Thursday	Friday
Solve. 342 / 3 =	Compare the following numbers using <, > or =	Write the standard form and word form of:	Add the following.	Word Problem.
458 / 6 =	234568 [] 213441	10000000 + 20000000 + 3000000 + 900000 + 90000 + 9000 + 30 + 3	82996 + 2846 =	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.
175 / 4 =	246478 [] 277524		65935 + 2726 =	
629 / 7 =	843768 [] 634506		40325 + 8283 =	
887 / 5 =	225679 [] 222379	100000000 + 50000000 + 3000000 + 30000 + 2000 + 10 + 9	69281 + 9690 =	
329 / 8 =	279712 [] 509080		45543 + 8073 =	
257 / 9 =	616345 [] 613707		12955 + 4934 =	
324 / 2 =				

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Monday	Tuesday	Wednesday	Thursday	Friday														
<p>Complete the table.</p> <table border="1" data-bbox="326 1619 984 1986"> <thead> <tr> <th>In</th> <th>Out</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>11</td> </tr> <tr> <td>3</td> <td>13</td> </tr> <tr> <td>4</td> <td>14</td> </tr> <tr> <td>6</td> <td></td> </tr> <tr> <td>7</td> <td>17</td> </tr> <tr> <td></td> <td>20</td> </tr> </tbody> </table>	In	Out	1	11	3	13	4	14	6		7	17		20	<p>Are these shapes open or closed?</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>_____</p> </div> <div style="text-align: center;">  <p>_____</p> </div> </div>	<p>Write the standard form and word form of:</p> <p>400000000 + 900000000 + 900000000 + 300000 + 20000 + 5000 + 700 + 90 + 5</p> <p>800000000 + 900000000 + 700000000 + 700000 + 80000 + 3000 + 700 + 80 + 4</p>	<p>Subtract the following.</p> <p>82996 - 2846 =</p> <p>65935 - 2726 =</p> <p>40325 - 8283 =</p> <p>69281 - 9690 =</p> <p>45543 - 8073 =</p> <p>12955 - 4934 =</p>	<p>Word Problem.</p> <p>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?</p>
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3	13																	
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	20																	

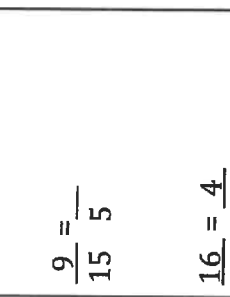
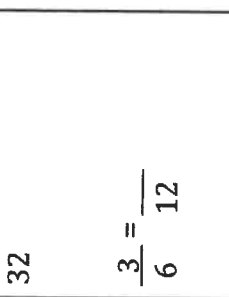
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Monday 8/1	Tuesday	Wednesday	Thursday	Friday														
Complete the table. <table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th>In</th> <th>Out</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>6</td> </tr> <tr> <td>4</td> <td>8</td> </tr> <tr> <td>_____</td> <td>12</td> </tr> <tr> <td>7</td> <td>14</td> </tr> <tr> <td>_____</td> <td>18</td> </tr> <tr> <td>10</td> <td>20</td> </tr> </tbody> </table>	In	Out	3	6	4	8	_____	12	7	14	_____	18	10	20	Define. Triangle: _____ _____ _____ Square: _____ _____ _____ Rectangle: _____ _____ _____ Quadrilateral _____ _____ _____	Find the pattern. 48, 57, 66, _____ 29, 48, 67, _____ 8, 24, 40, _____ 14, 19, 24, _____ 37, 46, 55, _____ 63, 69, 75, _____ 9, 18, 27, _____ 26, 38, 50, _____ 69, 91, 113, _____	Compare the fractions using <, > or = $\frac{5}{13}$ $\frac{5}{17}$ $\frac{7}{7}$ $\frac{7}{10}$ $\frac{19}{18}$ $\frac{18}{18}$ $\frac{15}{18}$ $\frac{1}{18}$ $\frac{11}{18}$ $\frac{11}{17}$	Word Problem. Frank worked 8 hours on the first four days of the week. How many hours did he work in these four days? 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?
In	Out																	
3	6																	
4	8																	
_____	12																	
7	14																	
_____	18																	
10	20																	

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Monday 8/8	Tuesday	Wednesday	Thursday	Friday														
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In	Out																	
1	3																	
2	6																	
3																		
4	12																	
	15																	
6	18																	


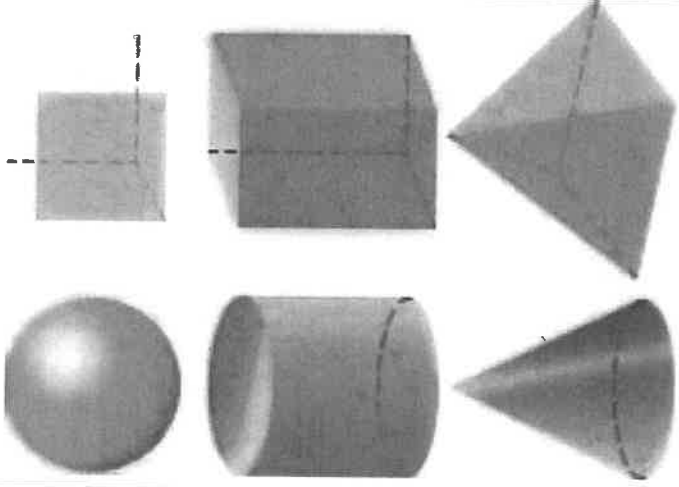
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 MATH Summer Packet – Entering Grade 5

Monday 8/18	Tuesday	Wednesday	Thursday	Friday														
<p>Complete the table.</p> <table border="1" data-bbox="243 315 389 1092"> <thead> <tr> <th>In</th> <th>Out</th> </tr> </thead> <tbody> <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> </tbody> </table>	In	Out	0	5	3	8	7		8		10	15	11	16	<p>Draw an acute angle.</p>	<p>Find the perimeter of and name the polygons.</p> <div data-bbox="389 504 617 798">  <p>9 cm 5 cm 11 cm</p> <p>Name: _____</p> <p>Perimeter = _____</p> </div> <div data-bbox="617 504 844 798">  <p>A 3 cm B 7 cm C 5 cm D 4 cm E 5 cm</p> <p>Name: _____</p> <p>Perimeter = _____</p> </div>	<p>Find an equivalent Fraction.</p> $\frac{9}{15} = \frac{\quad}{5}$ $\frac{16}{32} = \frac{4}{\quad}$ $\frac{3}{6} = \frac{\quad}{12}$ $\frac{14}{28} = \frac{7}{\quad}$ $\frac{6}{15} = \frac{2}{\quad}$	<p>Word Problems.</p> <p>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?</p> <p>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?</p>
In	Out																	
0	5																	
3	8																	
7																		
8																		
10	15																	
11	16																	

Saint John Paul II
 MATH Summer Packet -- Entering Grade 5

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

Saint John Paul II
 MATH Summer Packet ~ Entering Grade 5

Monday	Tuesday	Wednesday	Thursday	Friday												
<p>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.</p> <table border="1" data-bbox="500 1726 841 1984"> <thead> <tr> <th>Length in inches</th> <th>Number of nails</th> </tr> </thead> <tbody> <tr><td>1</td><td>4</td></tr> <tr><td>2</td><td>3</td></tr> <tr><td>3</td><td>4</td></tr> <tr><td>4</td><td>0</td></tr> <tr><td>5</td><td>2</td></tr> </tbody> </table> 	Length in inches	Number of nails	1	4	2	3	3	4	4	0	5	2	<p>How many sides do the following polygons have?</p> <p>Decagon: _____</p> <p>Pentagon: _____</p> <p>Quadrilateral: _____</p> <p>Triangle: _____</p> <p>Hexagon: _____</p> <p>Nonagon: _____</p> <p>Heptagon: _____</p>	<p>Name the figures</p> 	<p>Write each fraction in simplest form.</p> $\frac{20}{25}$ $\frac{9}{42}$ $\frac{7}{77}$ $\frac{36}{63}$ $\frac{40}{48}$	<p>Word Problems.</p> <p>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?</p> <p>I walk 1 mile every 15 minutes. I walked 3 miles. How many minutes did it take me to walk 3 miles?</p>
Length in inches	Number of nails															
1	4															
2	3															
3	4															
4	0															
5	2															