

Saint John Paul II
MATH Summer Packet
Entering Grade 2

Entering Grade 2 Summer Work

Entering Grade 2 Summer Reading Assignments

- ☐ You should read for 20-30 minutes every day!
- ☐ You will read at least TWO books this summer.

Where to find Reading List Books

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

Summer Reading Assignments:

#1 Draw a picture for Your Teacher

- ☐ Draw a picture of your favorite story or book you read this summer.
- ☐ Make sure to practice putting your name on your work.
- ☐ Describe your picture to a family member or friend and tell them about your book.

#2 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 a paragraph (5-6 sentences per. paragraph)

#3 Fill out the reading log on the next page each day and talk about what you read with a grown up or friend

- ☐ Where does the story take place?
- ☐ Who is the story about?
- ☐ What did you learn?
- ☐ How did the story make you feel?

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Dear SJP2CA Grade 2 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 what your student learned in Grade 1 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 Bridges practice books in English and Spanish (these are printable) for more skills practice

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 1 Skills Practice

By the end of Grade 1 students should be able to successfully do the following; these are great skills to practice over the summer

- count by ones and tens to 120 read and write numbers to 120, and represent a number of objects up to 120 with a written numeral
- understand place value by describing what the digits mean in two-digit numbers; use this knowledge to add and subtract
- add two-digit numbers using at least two different strategies and explain how the strategies work
- subtract two-digit numbers that are multiples of 10 using at least two different strategies and explain how the strategies work
- compare two numbers using the symbols $>$, $=$, and $<$
- add and subtract numbers within 10 efficiently and accurately
- read or construct a graph and answer questions about the data
- measure length using non-standard units such as Popsicle sticks, linking cubes, and so on
- tell and write time to the hour and half-hour on analog and digital clock

Exploring Grade 2 Skills

Students ready for a challenge can explore any of the *skills we will be learning in Grade 2*

- solve two-step addition and subtraction story problems to 100
- add and subtract to 20; know addition facts to 20 by memory
- read and write 3-digit numbers using numerals, words, and expanded notation ($726 = 700 + 20 + 6$)
- understand that the three digits of a 3-digit number represent amounts of hundreds, tens, and ones
- use symbols $>$, $=$, $<$ to compare two 3-digit numbers
- add and subtract 2-digit numbers accurately and efficiently, and explain strategies for doing so
- add and subtract 3-digit numbers using models, sketches, and/or numbers, and explain strategies for doing so
- estimate and measure length in centimeters and meters, inches and feet.
- divide circles and rectangles into two, three, and four equal parts and describe the parts
- recognize, draw, and analyze 2- and 3-D shapes
- solve money problems involving dollars, quarters, dimes, nickels, and pennies

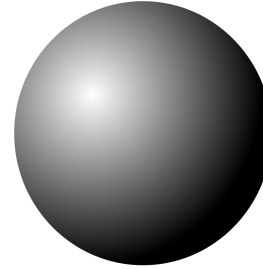
Printable Bridges Practice Books (optional)


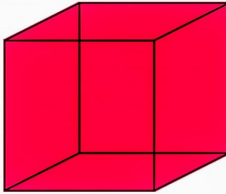
Here you can find practice books for skills from Grade 1 if your student wants more practice; available in English and Spanish, these also contain answer keys so you can check your student's work. <https://www.mathlearningcenter.org/resources/lessons/practice-books>



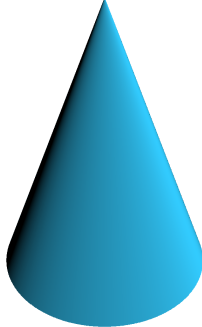
Online Resources



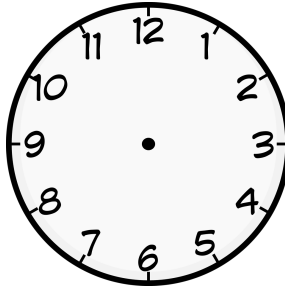
For more summer learning resources, please visit the Math Coach's Corner at SJP2CA here

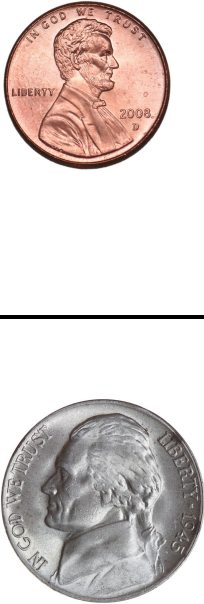
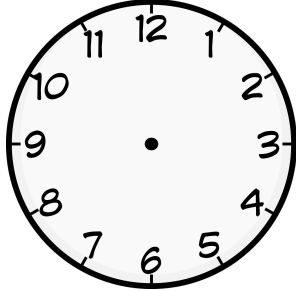
<https://sites.google.com/sjp2ca.org/mathcoachscorneratsjp>


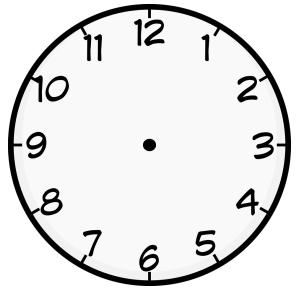
Monday	Tuesday	Wednesday	Thursday	Friday																				
<p>What are the tens and ones in the numbers below?</p> <p>25</p> <p>__tens __ones</p> <p>68</p> <p>__ tens __ ones</p>	<p>Draw the number 100.</p> <p>_____</p> <p>-----</p> <p>_____</p> <p>Using base ten blocks draw 100.</p>	<p>Match the number with it's name.</p> <table><tr><td>1</td><td>three</td></tr><tr><td>2</td><td>one</td></tr><tr><td>3</td><td>two</td></tr><tr><td>4</td><td>six</td></tr><tr><td>5</td><td>four</td></tr><tr><td>6</td><td>five</td></tr><tr><td>7</td><td>ten</td></tr><tr><td>8</td><td>nine</td></tr><tr><td>9</td><td>seven</td></tr><tr><td>10</td><td>eight</td></tr></table>	1	three	2	one	3	two	4	six	5	four	6	five	7	ten	8	nine	9	seven	10	eight	<p>Name the shape.</p> 	<p>What comes next?</p> <p>5, 10, __</p> <p>2, 4, __</p> <p>25,30, __</p>
1	three																							
2	one																							
3	two																							
4	six																							
5	four																							
6	five																							
7	ten																							
8	nine																							
9	seven																							
10	eight																							


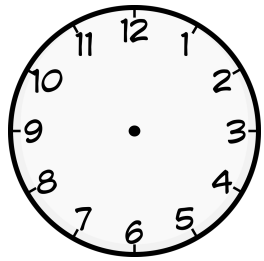
Monday	Tuesday	Wednesday	Thursday	Friday
What are the tens and ones in the numbers below?	Name the coins	Match the number with its name.	Name the shape	What comes next ?
52		2 three		30, ____
____tens ____ones		3 one		
		1 two		
		7 six		
		5 four		
76		4 five		What comes before ?
		9 ten		
		7 nine		
		8 seven		____, 78
____ tens ____ ones		10 eight		




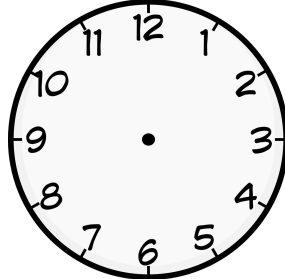
Monday	Tuesday	Wednesday	Thursday	Friday
<p>What are the tens and ones in the numbers below?</p> <p>37</p> <p>___tens ___ones</p>	<p>Name the coins</p>  <hr/>  <hr/>	<p>List the fact family for:</p> $3+7 = \underline{\quad}$ $\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$ <p>List the fact family for:</p> $4+6 = \underline{\quad}$ $\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$	<p>Name the shape</p> 	<p>What number comes before?</p> <p>___, 32, 33</p> <p>___, 45, 46</p> <p>___, 58, 59</p>


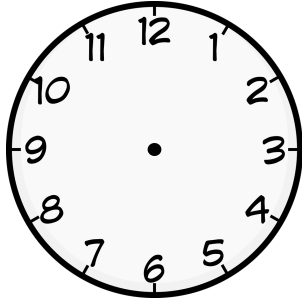
Monday	Tuesday	Wednesday	Thursday	Friday
<p>What are the tens and ones in the numbers below?</p> <p>20</p> <p>___tens ___ones</p>	<p>Draw what the coins are worth.</p>  <hr/>  <hr/>	<p>List the fact family for:</p> $5+5 = \underline{\quad}$ $\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$ <p>List the fact family for:</p> $1+9 = \underline{\quad}$ $\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$	<p>Draw 1 o'clock</p>  <p>Which is greater?</p> <p>14 or 28</p> <p>59 or 62</p>	<p>What number comes before?</p> <p>___, 63, 65</p> <p>___, 66, 67</p> <p>___, 69, 70</p>

Monday	Tuesday	Wednesday	Thursday	Friday
<p>What are the tens and ones in the numbers below?</p> <p>29</p> <p>___tens ___ones</p>	<p>Draw what the coins are worth.</p>  <p>_____</p> <p>_____</p>	<p>List the fact family for:</p> $2+8 = \underline{\quad}$ $\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$ <p>List the fact family for:</p> $0+10 = \underline{\quad}$ $\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$	<p>Draw 2 o'clock</p>  <p>Which is greater?</p> <p>32 or 57</p> <p>63 or 16</p>	<p>What number comes after?</p> <p>64, 65, ___</p> <p>78, 79, ___</p> <p>51, 53, ___</p>

Monday	Tuesday	Wednesday	Thursday	Friday
<p>What are the tens and ones in the numbers below?</p> <p>7</p> <p>___tens ___ones</p> <p>17</p> <p>___tens ___ones</p>	<p>How much money?</p> 	<p>List the fact family for:</p> $11 + 9 = \underline{\quad}$ $\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$ <p>List the fact family for:</p> $8 + 12 = \underline{\quad}$ $\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$	<p>Draw 3 o'clock</p>  <p>Which is greater?</p> <p>98 or 57</p> <p>24 or 16</p>	<p>What number comes between?</p> <p>41, __, 43</p> <p>32, __, 34</p> <p>20, __, 22</p>

Monday	Tuesday	Wednesday	Thursday	Friday
<p>What are the tens and ones in the numbers below?</p> <p>79</p> <p>___tens ___ones</p> <p>91</p> <p>___tens ___ones</p>	<p>How much money?</p> 	<p>List the fact family for:</p> $13 + 7 = \underline{\quad}$ $\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$ <p>List the fact family for:</p> $6 + 14 = \underline{\quad}$ $\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$	<p>Draw 4:30</p>  <p>Which is least?</p> <p>32 or 57</p> <p>63 or 16</p>	<p>What number comes between?</p> <p>17, __, 19</p> <p>72, __, 74</p> <p>80, __, 82</p>

Monday	Tuesday	Wednesday	Thursday	Friday
<p>What are the tens and ones in the numbers below?</p> <p>15</p> <p>___tens ___ones</p> <p>10</p> <p>___tens ___ones</p>	<p>How much money?</p>   	<p>List the fact family for:</p> $7+13 = \underline{\quad}$ $\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$ <p>List the fact family for:</p> $9+11 = \underline{\quad}$ $\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$	<p>Draw 8:30</p>  <p>Which is least?</p> <p>12 or 57</p> <p>63 or 14</p>	<p>Add</p> $23+36$ <p>Add</p> $13+42$

Monday	Tuesday	Wednesday	Thursday	Friday
<p>What are the tens and ones in the numbers below?</p> <p>41</p> <p>___tens ___ones</p> <p>36</p> <p>___tens ___ones</p>	<p>How much money?</p> 	<p>Make your own fact family:</p> $\begin{array}{rcl} _ & + & _ = _ \\ _ & + & _ = _ \\ _ & - & _ = _ \\ _ & - & _ = _ \end{array}$ <p>Make your own fact family:</p> $\begin{array}{rcl} _ & + & _ = _ \\ _ & + & _ = _ \\ _ & - & _ = _ \\ _ & - & _ = _ \end{array}$	<p>Draw 9:30</p>  <p>Which is least?</p> <p>19 or 57</p> <p>46 or 16</p>	<p>Add</p> <p>17+11</p> <p>Add</p> <p>23+38</p>

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Some Book Suggestions

Happy in Our Skin

Just savor these bouquets of babies—cocoa-brown, cinnamon, peaches and cream. As they grow, their clever skin does too, enjoying hugs and tickles, protecting them inside and out, and making them one of a kind.

Fran Manushkin's rollicking text and Lauren Tobia's delicious illustrations paint a breezy and irresistible picture of the human family—and how wonderful it is to be just who you are.

SFPL Summary: **Grades: Preschool – K. Age Range: 2-5.** Depicts families of different colors and orientations as they play at a park, swim, and celebrate at a block party.

One Family

From veteran picture book author George Shannon and up-and-coming artist Blanca Gomez comes a playful, interactive book that shows how a family can be big or small and composed of people of a range of genders and races.

SFPL Summary: Grades: **Preschool – 2. Age Range: 4 – 8.** "One is one and everyone. One earth. One world. One family." Celebrates families of different sizes, ages, races, and genders in a story that introduces numbered groups from one to ten.

Juna's Jar

Juna and her best friend, Hector, have many adventures together, and they love to collect things in empty kimchi jars. Then one day, Hector unexpectedly moves away without having a chance to say good-bye. Juna is heartbroken and left to wonder who will go on adventures with her.

Determined to find Hector, Juna turns to her special kimchi jar for help each night. She plunges into the depths of the ocean, swings on vines through the jungle, and flies through the night sky in search of her friend.

SFPL Summary: Grades: **Preschool – 2. Age range: 5-9.** After her best friend, Hector, moves away, Juna's tries to feel better by finding things to put in her special kimchi jar, and each night, whatever is in the jar takes her on a magical journey in search of Hector.

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One Word from Sophia

Sophia tries varied techniques to get the giraffe she wants more than anything in this playfully illustrated story about the nuances of negotiation.

SFPL Summary: Grades: **Preschool-3. Age range: 4-8.** All Sophie wants for her birthday is a pet giraffe, but as she tries to convince different members of her rather complicated family to support her cause.

Last Stop On Market Street

Every Sunday after church, CJ and his grandma ride the bus across town. But today, CJ wonders why they don't own a car like his friend Colby. Why doesn't he have an iPod like the boys on the bus? How come they always have to get off in the dirty part of town? Each question is met with an encouraging answer from grandma, who helps him see the beauty—and fun—in their routine and the world around them.

SFPL Summary: Grades: **K-2. Age range: 3-5.** A young boy, CJ, rides the bus across town with his grandmother and learns to appreciate the beauty in everyday things.

Emmanuel's Dream

Born in Ghana, West Africa, with one deformed leg, he was dismissed by most people—but not by his mother, who taught him to reach for his dreams. As a boy, Emmanuel hopped to school more than two miles each way, learned to play soccer, left home at age thirteen to provide for his family, and, eventually, became a cyclist.

He rode an astonishing four hundred miles across Ghana in 2001, spreading his powerful message: disability is not inability. Today, Emmanuel continues to work on behalf of the disabled.

SFPL Summary: Grades: **K-2. Age range: 4-8.** A biography of Emmanuel Ofosu Yeboah, a West African youth who pursued an education, helped support his family, and became a record-setting cyclist in spite of a disability.

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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.

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- 2.9 to Grade 2 book ideas:
 - Grace Byers *I Am Enough*
<https://www.goodreads.com/en/book/show/35396839-i-am-enough>
 - Karamo Brown *I Am Perfectly Designed*
<https://www.goodreads.com/book/show/45698429-i-am-perfectly-designed>
 - Jacqueline Woodson *The Day You Begin*
<https://www.goodreads.com/book/show/37506301-the-day-you-begin>
 - Paige Britt *Why Am I Me?*
<https://www.goodreads.com/en/book/show/34077603-why-am-i-me>
 - Alexandra Penfold *All Are Welcome*
<https://www.goodreads.com/book/show/36959643-all-are-welcome>
 - Tami Charles *All Because You Matter*
<https://www.goodreads.com/book/show/49090441-all-because-you-matter>
 - Yamil Saez Méndez *Where Are You From?*
<https://www.goodreads.com/book/show/37119048-where-are-you-from>
 - Joanna Ho *Eyes That Kiss in the Corners*
<https://www.goodreads.com/book/show/53327864-eyes-that-kiss-in-the-corners>
 - Andrea Pippins *Who Will You Be?*
<https://www.goodreads.com/book/show/48549044-who-will-you-be>
 - Sonja Sotomayor *Just Ask!: Be Different, Be Brave, Be You!*
<https://www.goodreads.com/en/book/show/43671311-just-ask>
 - *The Proudest Blue: A Story of Hijab and Family* by Ibtihaj Muhammad
<https://www.goodreads.com/book/show/43853210-the-proudest-blue>