



**St. Louise de Marillac School  
Summer Math Calendar  
Incoming Second Grade**

Dear Parents,

We want you to take the time to enjoy math with your child this summer! In order to keep us thinking and using our math skills over the summer please find the Summer Math Calendars for students entering 2nd grade in the Fall. Research shows that students better maintain and strengthen their math skills through regular and meaningful practices. This summer math calendar will provide your child and family with a variety of math activities to explore this summer.

This packet consists of 2 calendar pages (June and July) and some apps kids love. We recommend that you integrate an average of 10-15 minutes of math activities into your child's day, by completing these activities and reviewing basic facts. Please complete the activities and return the signed calendars to us in August.

Have fun!

Miss Hanna and Mrs. Caven

# Incoming 2<sup>nd</sup> Grade Math Calendar- June

Sund ay	Mond ay	Tuesd ay	Wednes day	Thurs day	Frid ay	Satur day								
<p>Blow a marble, a bottle cap, and a pencil across a table or the floor. Measure how far they go. Which goes the farthest? By how much?</p>	<p>Play Adding 10. Roll a die. Add 10 to the number rolled. Record your number sentence. Repeat 10 times.</p>	<p>Count backwards from 30 to 0. Count backwards by 10's from 80 to 0. Count backwards by 5's from 40 to 0. Repeat using different starting numbers.</p>	<p>Make a quart of lemonade. How many cups of water do you need? How many Tbsps of mix do you need to make it sweet enough? How many if you double it?</p>	<p>Play Tens Go Fish.</p> <div style="text-align: center;">  </div> <p><a href="https://www.penfield.edu/webpages/chanchar/resources.cfm?subpage=1011398">https://www.penfield.edu/webpages/chanchar/resources.cfm?subpage=1011398</a></p>	<p>Read a math book.</p> <div style="text-align: center;">  </div> <p><a href="http://mathstory.com/">http://mathstory.com/</a></p>	<p>Play How Many Under My Shell:: <a href="http://illuminations.nctm.org">http://illuminations.nctm.org</a></p> <div style="text-align: center;">  </div>								
<p>How many books are on 1 shelf? First, make an estimate. Then count them by 2's. How close was your estimate?</p>	<p>Get a pile of coins. How many ways can you make 25 cents using pennies, nickels and dimes?</p>	<p>Sort the laundry into categories (by owner, by size, by color or by item type). Make a bar graph for color.</p>	<p>Play Concentration: <a href="http://illuminations.nctm.org">http://illuminations.nctm.org</a> Use numbers 1-10. Record your matches.</p> <div style="text-align: center;">  </div>	<p>Skip count by 10's from 16 to 136. Skip count by 5's from 30 to 125. Skip count by 2's from 10 to 50. Repeat using different starting and ending numbers.</p>	<p>Take a Timed Test</p> <div style="text-align: center;">  </div> <p><a href="http://www.hoodamath.com/mobile/games/mathtimedtests.html">http://www.hoodamath.com/mobile/games/mathtimedtests.html</a></p>	<p>Get a pile of coins. Show all the ways to make 15 cents. How do you know you have them all?</p>								
<p>Play Ten Frame: <a href="http://illuminations.nctm.org">http://illuminations.nctm.org</a></p> <div style="text-align: center;">  </div>	<p>Estimate how many pieces of cereal are in <math>\frac{1}{4}</math> cup. Count the pieces. Now estimate how many <math>\frac{1}{4}</math> cups fit in your cereal bowl. Estimate how many pieces in your bowl.</p>	<p>Practice your math facts.</p> <div style="text-align: center;">  </div> <p><a href="http://www.sumdog.com">www.sumdog.com</a></p>	<p>Read a math book.</p> <div style="text-align: center;">  </div> <p><a href="http://mathstory.com/">http://mathstory.com/</a></p>	<p>Play Tens Go Fish.</p> <div style="text-align: center;">  </div> <p><a href="https://www.penfield.edu/webpages/chanchar/resources.cfm?subpage=1011398">https://www.penfield.edu/webpages/chanchar/resources.cfm?subpage=1011398</a></p>	<p>How many seconds does the traffic light stay green? Red? How much longer is 1 light than the other?</p>	<p>I have a machine that adds 5 to every number I put in.</p> <table border="1" style="display: inline-table; margin-right: 20px;"> <tr><td>In</td><td>Out</td></tr> <tr><td>4</td><td></td></tr> <tr><td>16</td><td></td></tr> <tr><td></td><td>12</td></tr> </table> <p>If 12 comes out, what did I put in?</p>	In	Out	4		16			12
In	Out													
4														
16														
	12													
<p>Read a math book.</p> <div style="text-align: center;">  </div> <p><a href="http://mathstory.com/">http://mathstory.com/</a></p>	<p>Count by 2's to 50 starting at 12. Count by 10's to 64, starting at 4. What did you notice about the numbers you say? Repeat using different numbers.</p>	<p>Play How Many Under My Shell: <a href="http://illuminations.nctm.org">http://illuminations.nctm.org</a></p> <div style="text-align: center;">  </div>	<p>I'm 7 years old, my sister is 11. Who is younger? By how much? I've 16 stickers, my sister has 9. Who has more? By how many?</p>	<p>Count how many times you can hop on your right foot, then your left. Which foot could you hop on longer? How much longer?</p>	<p>Take a Timed Test</p> <div style="text-align: center;">  </div> <p><a href="http://www.hoodamath.com/mobile/games/mathtimedtests.html">http://www.hoodamath.com/mobile/games/mathtimedtests.html</a></p>	<p>What are all the ways to make 10? Record your number sentences. How do you know you have them all?</p>								

Child's Name: \_\_\_\_\_

Parent's Signature: \_\_\_\_\_

# Incoming 2<sup>nd</sup> Grade Math Calendar- July

Sunday	Mond ay	Tuesd ay	Wednesd ay	Thurs day	Frid ay	Satur day
<p>Play How Many Under My Shell::  <a href="http://illuminations.nctm.org">http://illuminations.nctm.org</a>  </p>	<p>Play Tens Go Fish.    <a href="https://www.penfield.edu/webpages/chanchar/resources.cfm?subpage=1011398">https://www.penfield.edu/webpages/chanchar/resources.cfm?subpage=1011398</a></p>	<p>Tell an adult an addition story problem to go with 6+5.            Now tell a subtraction story for 11-5. Make up other addition and subtraction story problems.</p>	<p>A small pack of gum has 6 pieces. How many pieces of gum are in 3 packs? What about in 5 packs? What if each pack had 7? 8?</p>	<p>Make a 3-D shape using mini marshmallows and toothpicks. How many corners does your shape have? How many edges?</p>	<p>The three numbers in my fact family are 7, 3, and 10.            What are the 2 addition and 2 subtraction number sentences you can make using these numbers?</p>	<p>Read a math book.    <a href="http://mathstory.com/">http://mathstory.com/</a></p>
<p>Roll 2 dice together and add to find the sum. Record the sum. Do this 20 times.            What sum did you get the most often? Why? Make a graph to show your results.</p>	<p>Play Ten Frame:  <a href="http://illuminations.nctm.org">http://illuminations.nctm.org</a>  </p>	<p>Play Adding 10. Roll a die. Add 10 to the number rolled. Record your number sentence. Repeat 10 times..</p>	<p>Read a math book.    <a href="http://mathstory.com/">http://mathstory.com/</a></p>	<p>Make a list of 2-D and 3-D shapes. Go on a scavenger hunt to look for those shapes. Bring your list and check off the shapes you find.</p>	<p>Play a math game.    <a href="https://www.mathplayground.com/games.html">https://www.mathplayground.com/games.html</a></p>	<p>Listen to the whole story before answering: I had 4 shells. I got 2 more. I got 3 more. I lost 2. How many do I have? Make and solve other problems.</p>
<p>  <b>Math 24, Addition/subtraction War(with cards)</b></p>	<p>Create a repeating pattern with shapes, like ##*##*. Ask a friend what the 9th shape would be. The 10th? Have a friend make up a new pattern.</p>	<p>Play Tens Go Fish    <a href="https://www.penfield.edu/webpages/chanchar/resources.cfm?subpage=1011398">https://www.penfield.edu/webpages/chanchar/resources.cfm?subpage=1011398</a></p>	<p>Tell an adult an addition story problem to go with 4+8. Now tell a subtraction story problem for 12-4.</p>	<p>Read a math book.    <a href="http://mathstory.com/">http://mathstory.com/</a></p>	<p>Practice your math facts.    <a href="http://www.sumdog.com">www.sumdog.com</a></p>	<p>Line up 4 different figures or animals. Record the order. Now change the order. How many different ways can you line up 4 figures?</p>
<p>Read a math book.    <a href="http://mathstory.com/">http://mathstory.com/</a></p>	<p>Play a hiding game. Get 7 pennies. Put some in 1 hand and some in the other hand. Show 1 hand, and have the adult figure out what's hiding. Switch roles. Play 10x.</p>	<p>Take a Timed Test    <a href="http://www.hoodamath.com/mobile/games/mathtimedtests.html">http://www.hoodamath.com/mobile/games/mathtimedtests.html</a></p>	<p>Play Concentration:  <a href="http://illuminations.nctm.org">http://illuminations.nctm.org</a>              Use numbers 1-10. Record your matches by writing the digits with the words or pictures to match</p>	<p>Make a tally chart of the number of fruits and vegetables you ate today at your meals and for snacks. Did you eat 5 servings? Try again tomorrow.</p>	<p>Read a math book.    <a href="http://mathstory.com/">http://mathstory.com/</a></p>	<p>Play a game.    <b>Math 24, Addition/subtraction War(with cards)</b></p>

Child's Name: \_\_\_\_\_

Parent's Signature: \_\_\_\_\_

# Math Apps

*Remember to make math fun! Here are some great apps for car rides, errands and family vacations!*



**ABC Ya**



**DragonBox Algebra 5+**



**Marble Math Junior**



**Prodigy Math Game**



**Motion Math: Pizza!**



