

# 2nd Grade Summer Work

## Welcome to 2nd Grade!

Summer is here and it is time for fun in the sun and relaxing. It's also a time when the summer slump often occurs. Did you know that children can lose up to 2 months of what they learned during the school year if they don't keep their skills sharp? It's very important for children to read and review the prior year's skills during the summer. The attached monthly math calendars and reading assignment include skills that can be practiced. Completing these daily will help your child be ready to start the new school year.



### Reading:

- Over the summer it is important to continue building your reading stamina. Read all kinds of books you are interested in; picture books, magazines, chapter books, books on your reading level.
- Of all the books you read, choose *at least two* and write Mrs. Brasel a letter about each one. In your letter, tell Mrs. Brasel about what happens to the characters, the problem and solution the main character encounters, and your favorite part. You could even make up a new ending to the story!
- Mail your friendly letters to 7555 Sawyer Brown Rd., Nashville, TN 37221.
- Happy Reading and Writing!

### Math:

- Complete the included Math Calendar.
- Xtramath: Xtramath is a fact fluency practice program. By June 8, you will receive an email with your child's login information for Xtramath. If you would like to purchase the app your child can use it anytime!
- Your rising second grader needs to practice on Xtra math at least 4 times per week.

### Service Project:

- Each student will choose a service project (see the included description).
- The student can choose to serve an organization or friend/family member.
- The options are endless.
- The student should choose something that is near and dear to his/her heart.
- Students will present their project at school.

# June

## Second Grade Calendar

Directions: Complete any 20 boxes and color in the box after you complete it. Return Math Calendar to school in the fall.

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
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?	$0+1$ $1+1$ $2+1$ $3+1$ $4+1$ to $19+1$ What patterns do you see? Why?	Count backwards from 30 to 0. Count backwards by 10s from 80 to 0. Count backwards by 5s from 40 to 0.	Make a quart of lemonade. How many cups of water do you need? How many tablespoons of mix do you need to make it sweet enough?	$0+0$ $1+0$ $2+0$ $3+0$ $4+0$ to $20+0$ What patterns do you see? Why?	Read <i>Anno's Magic Seeds</i> by Anno Mitsumasa. How many seeds will Jack have at the end of one year if he buried 7 seeds?	Jump 3 times: once like a bunny, once like a frog, and once like a child. Measure each jump. Which was the longest? Shortest? What is the difference?
How many books do you have? First, make an estimate. Then count them. How close was your estimate?	Play a game of War. This is a great way to compare numbers using greater than/less than.	Sort the laundry into categories (by owner, by size, by color, by item type). What do you observe about the piles?	Play "memory". If you do not have your own memory game, make one using the numbers 1-20.	What number comes after 16? What number comes before 30? What numbers come before and after 57?	Play a game. Uno	Get a pile of coins. Show all the ways to make 15 cents. How do you know you have them all?
Play a game. Connect Four	Make a pattern using coins.	Estimate how many pieces of cereal are in $\frac{1}{4}$ cup. Count the pieces. Now estimate how many $\frac{1}{4}$ cups fill your cereal bowl. Check.	Read <i>Ten Black Dots</i> by Donald Crews. Name different objects that come in groups of 1, 2, 3, etc. Make your own book.	$6+6$ $7+7$ $8+8$ $9+9$ $10+10$ What clues help you?	How long does the traffic light stay green? Red? How could you measure this? How much longer is one light than the other?	I have a machine that adds 5 to every number I put in. If I put in 4, what number comes out? If I put in 16, what comes out?
Count by 2s to 50 starting at 12. Count by 10s to 64, starting at 4. What did you notice about the numbers you say?	Play a game. Dominoes	$7+7$ $7+8$ $8+8$ $8+9$ $9+9$ $9+10$ What clues help you solve these problems?	I am 7 years old and my sister is 11. Who is younger? How much younger? I have 16 stickers and my sister has 9. Who has more? How many more?	Read <i>When a Line Bends...A Shape Begins</i> by Rhonda G. Greene. How are a square and rectangle alike? How are they different?	Ask someone at home to time how long you can hop on your right foot, then your left. Which foot could you hop on longer? How much longer?	$5+5$ $4+6$ $3+7$ $2+8$ $1+9$ $10+0$ What clues help?

Parent's signature: \_\_\_\_\_

Child's name: \_\_\_\_\_

# July

## Second Grade Calendar

Directions: Complete any 20 boxes and color in the box after you complete it. Return Math Calendar to school in the fall.

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Play a game. Uno	10-0 10-1 10-2 10-3 10-4 What patterns do you see? Why?	Make a calendar for this week. Record the temperature each day. At the end of the week, compare your weather with the weather in Michigan. What do you notice?	A small pack of gum has 5 pieces. How many pieces of gum are in 3 packs? What about 5 packs? What about 7 packs?	Make a 3D shape using mini marshmallows and toothpicks. How many corners does your shape have? How many edges?	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?	Play a game. Connect Four
Roll 2 dice together and add to find the sum. Record the sum. Do this twenty times. What sum did you get the most often?	Play a game. War	10+9 10+8 10+7 10+6 10+5 What pattern do you hear?	Read <i>Ten Red Apples</i> by Pat Hutchins. What's the pattern? Write down the number equations for each page.	Make a list of 2D and 3D shapes. Go on a scavenger hunt to look for those shapes. Bring your list and check off the shapes you find.	Play a game. Dominoes	Listen to the whole string of numbers before answering: I had 4 shells. I got 2 more. I got 3 more. I lost 2. How many shells do I have?
6+3 7+3 8+3 9+3 10+3 What clues help you?	Create a pattern with shapes, like # # * # # * Ask a friend what the 9th shape would be? The 10th? Have a friend make up a new pattern.	Play a game. Memory	Tell an adult an addition story problem to go with 4+8. Now tell a subtraction story problem for 12-4.	Read <i>Quack and Count</i> by Keith Baker. Name all the combinations to make 7. Complete this: _ + _ + _ = 7	17-10 16-10 15-10 14-10 13-10 What clues help you?	Complete a puzzle.
Read <i>Seven Blind Mice</i> by Ed Young. Draw and color the 7 mice in a line in the order they approach the Something. Which mouse was 4th?	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 in the other hand. Switch roles. Play 10x.	Estimate the length of string you would need to fit around a ball. Without measuring, cut the string that you think will work. Test your prediction. What did you notice?	Line up three different figures or animals. Record the order by drawing a picture. Now change the order. How many different ways can you line them up?	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.	If I see 8 people, how many eyes can I see?  If there are 30 toes under the table, how many people are sitting at the table?	Cut out grocery coupons that your family might use. Sort these coupons into different categories. What category has the most? The least?

Parent's signature: \_\_\_\_\_

Child's name: \_\_\_\_\_

# Summer of Service

## Nashville Christian School



### Summer Service Project

As part of our summer work, each elementary student should complete one service project. This project must be done for someone or an organization outside of your home. The options are endless and the potential is great! Ideas?

- ▶ Help a neighbor with yard work
- ▶ Volunteer to serve at a food bank
- ▶ Donate your profits from a lemonade stand
- ▶ Pick up trash in your neighborhood
- ▶ Be creative! There are opportunities to serve each and every day!

As you are working on your project, take pictures when possible. Once your project is complete, create a presentation to share with your class when you return to school in August. The sky is the limit! Write a paper, make a poster, create a Powerpoint/Keynote.....it's up to you! Have fun with this and look for other opportunities to serve along the way! You'll love the feeling of knowing you have helped someone!

"Each of you should use whatever gift you have received to serve others, as faithful stewards of God's grace in its various forms." 1 Peter 4:10