

# Summer Math Calendars for Students Entering First Grade - Sudley Elementary

## ***Kindergarten into Grade 1***

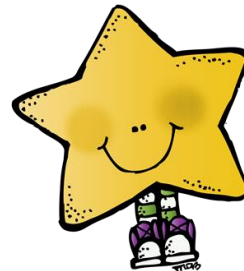


### **Dear Parents,**

These Summer Math Calendars are full of fun, everyday ways that your child can practice and reinforce their math skills over the summer. Your child may work independently on some activities, while on others they will need to collaborate with someone at home. We encourage you to talk with your child throughout the summer about what they are doing and learning in the activities. This will reinforce their understandings and give you an opportunity to learn more about the math skills that they are working on. While this work is optional, we encourage all students to do the activities and share their work with their first grade teacher in August. ***Students who return their completed math activity calendars by August 20, 2025, will receive a ticket for a free snow cone to enjoy during the first week of school.***

### **Directions for the student:**

- 1) Complete **at least** 35 math boxes over the summer. You can do them in any order, except for the gray boxes. The gray boxes go together and should be done in order. **A parent or guardian must initial each day's completed activity.**
- 2) Use the enclosed recording sheets to show work and/or answers for activities. Feel free to attach additional pieces of paper with your work to the calendars.
- 3) We hope you have fun with these activities AND have an awesome summer!



Student Name: \_\_\_\_\_



### Entering Grade 1 Summer Math Calendar - June 2025

1. Figure out how many days will pass before school starts again.	2. Trace your foot. Find something that measures smaller, the same as, and bigger than your foot.	3. Start a coin collection by putting pennies, nickels or dimes in a jar and keep adding to it every week.	4. Solve the following number sentences: $1 + 4 = \underline{\hspace{2cm}}$ $5 = 2 + \underline{\hspace{2cm}}$ $3 = 4 - \underline{\hspace{2cm}}$ $5 - 0 = \underline{\hspace{2cm}}$	5. Count forward to 100 from the number:  45 57 63 89
<b>Day 1</b> Parent Initials _____	<b>Day 2</b> Parent Initials _____	<b>Day 3</b> Parent Initials _____	<b>Day 4</b> Parent Initials _____	<b>Day 5</b> Parent Initials _____
6. Count the number of steps needed to walk from one end of the room to another. Try walking the same distance with fewer steps, with more steps.	7. Walk outside. What shapes do you see? Draw all the shapes you see and label them.	8. How many jumping jacks can you do in one minute? Is it more or less than 20? How do you know?	9. Keep track of the weather for one week. How many sunny days? Rainy days? Which was there more of?	10. Sort some of your toys into categories. Explain the categories to a family member or friend.
<b>Day 6</b> Parent Initials _____	<b>Day 7</b> Parent Initials _____	<b>Day 8</b> Parent Initials _____	<b>Day 9</b> Parent Initials _____	<b>Day 10</b> Parent Initials _____
11. Find a crayon and a pencil. Place both in front of you. Use math language to compare the lengths of the two objects. Explain how you know one is longer/shorter than the other.				
<b>Day 11</b> Parent Initials _____				

Student Name: \_\_\_\_\_

Entering Grade 1 Summer Math Calendar - July 2025				
	12. There are 9 ducks swimming in a pond. Three ducks fly away. How many ducks are now swimming in the pond?	13. Today's number is 7. Write at least three number sentences to show the different ways to make 7.	14. Make a pattern. Challenge someone to continue it. Can you make a different pattern using the same objects?	15. Estimate how many times you can jump on two feet for 1 minute. Jump on two feet for 1 minute. How close was your estimate?
	Day 12 Parent Initials _____	Day 13 Parent Initials _____	Day 14 Parent Initials _____	Day 15 Parent Initials _____
16. Count how many coins are in your coin collection. What is the collection worth now?	17. Look at a calendar. How many days until school begins? How many weeks is that?	18. Count the number of windows in your house and then count the number of beds. Write the numbers down. Which is greater?	19. Count the number of pages in a book before you read it. Write down the number.	20. Collect containers that are different sizes and shapes. Try to figure out which container holds the most, which holds the least. Do any hold the same?
Day 16 Parent Initials _____	Day 17 Parent Initials _____	Day 18 Parent Initials _____	Day 19 Parent Initials _____	Day 20 Parent Initials _____
21. Ask 10 people their favorite kind of pizza and record your data on a table.	22. Sort a handful of coins. Identify the coins.	23. Take turns with a family member or friend, coming up with a riddle to describe a shape and having the other person guess what it is.	24. How long is your room? Measure with blocks or toys. Measure with your feet. Which was more? Which was less?	25. Count pennies (or any small object such as marbles or buttons). Parents start the counting, stop (ex. at 37) and then have students count on.
Day 21 Parent Initials _____	Day 22 Parent Initials _____	Day 23 Parent Initials _____	Day 24 Parent Initials _____	Day 25 Parent Initials _____
26. Use sidewalk chalk and draw a line. Write the numbers 1-10 in order. Jump on the numbers while counting.	27. Toss a penny ten times. How many tails? Try again, did you get the same results? If not, was it more or less?	28. Describe as many ways as you can to make the number 10.	29. Help someone in your family sort laundry. Match pairs of socks.	30. Ask ten people their favorite color. Use tally marks to make a chart of your results.
Day 26 Parent Initials _____	Day 27 Parent Initials _____	Day 28 Parent Initials _____	Day 29 Parent Initials _____	Day 30 Parent Initials _____
31. Compare the two numbers: 7    9 Which is greater? How do you know?	32. Time how long it takes to do an outdoor activity such as crossing the monkey bars.	33. Take 12 objects and divide them into 2 equal groups, 3 equal groups, 4 equal groups, and 6 equal groups. Write down how many objects were in each group.	34. Make a list of all 2D and 3D shapes you know. Go on a scavenger hunt and check off all the shapes from your list that you found.	
Day 31 Parent Initials _____	Day 32 Parent Initials _____	Day 33 Parent Initials _____	Day 34 Parent Initials _____	

Student Name: \_\_\_\_\_



### Entering Grade 1 Summer Math Calendar - August 2025

				35. Count how many coins are in your coin collection. What is the collection worth now?
				<b>Day 35</b> Parent Initials _____
36. Make patterns out of natural objects such as small stones, leaves or sticks. Glue a nature pattern onto a piece of paper or into a journal.	37. Try counting past 100. Try counting from different starting numbers such as 78, 93, etc.	38. Grab a handful of small objects. Estimate how many there are, then count them.	39. Draw a picture using 1 circle, 2 triangles, and 3 rectangles. Share it with your family.	40. Skip count by twos, fives, tens, up to at least 50.
<b>Day 36</b> Parent Initials _____	<b>Day 37</b> Parent Initials _____	<b>Day 38</b> Parent Initials _____	<b>Day 39</b> Parent Initials _____	<b>Day 40</b> Parent Initials _____
41. Parents, think of a number between 1 and 50 and give clues. Have your child try to guess it.	42. Count backwards starting at 10... 15... 20...	43. Write your name on a piece of paper. How many letters are in your name? Do the same for two members of your family.	44. Count out 7 marbles/similar small toys. Have a parent place some in each of their hands and place their hands behind their back. Choose a hand and have the child count the number of toys in that hand. Now have the child tell how many must be in the other hand if there are 7 in all. Continue playing.	45. Mina had 6 flowers. She picked 4 more flowers. How many flowers does Mina have now? Draw a picture to show your thinking about this problem and solve it.
<b>Day 41</b> Parent Initials _____	<b>Day 42</b> Parent Initials _____	<b>Day 43</b> Parent Initials _____	<b>Day 44</b> Parent Initials _____	<b>Day 45</b> Parent Initials _____

Student Name: \_\_\_\_\_

Entering Grade 1 Summer Math Calendar - Recording Sheets		
Day 1	Day 2	Day 3
Day 4	Day 5	Day 6

Student Name: \_\_\_\_\_

Entering Grade 1 Summer Math Calendar - Recording Sheets																				
Day 7	Day 8	Day 9																		
		<table border="1"><thead><tr><th>Day of the Week</th><th>Sunny</th><th>Rainy</th></tr></thead><tbody><tr><td>Monday</td><td></td><td></td></tr><tr><td>Tuesday</td><td></td><td></td></tr><tr><td>Wednesday</td><td></td><td></td></tr><tr><td>Thursday</td><td></td><td></td></tr><tr><td>Friday</td><td></td><td></td></tr></tbody></table>	Day of the Week	Sunny	Rainy	Monday			Tuesday			Wednesday			Thursday			Friday		
Day of the Week	Sunny	Rainy																		
Monday																				
Tuesday																				
Wednesday																				
Thursday																				
Friday																				
Day 10	Day 11	Day 12																		
	<p>_____ is longer than the _____ because _____</p> <p>_____ is shorter than the _____ because _____</p>																			

Student Name: \_\_\_\_\_

Entering Grade 1 Summer Math Calendar - Recording Sheets		
Day 13	Day 14	Day 15
Day 16	Day 17	Day 18
		<p>The number of windows = _____</p> <p>The number of beds = _____</p> <p>The number of _____ is greater than the number of _____.</p>

Student Name: \_\_\_\_\_

Entering Grade 1 Summer Math Calendar - Recording Sheets																	
Day 19	Day 20	Day 21															
<p>The name of my book is _____.</p> <p>The number of pages in my book is _____.</p> <p>The number of objects on one page of my book is _____.</p>		<table border="1"><thead><tr><th>Kind of Pizza</th><th>Tally Marks</th><th>Total</th></tr></thead><tbody><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></tbody></table>	Kind of Pizza	Tally Marks	Total												
Kind of Pizza	Tally Marks	Total															
Day 22	Day 23	Day 24															



Student Name: \_\_\_\_\_

Entering Grade 1 Summer Math Calendar - Recording Sheets		
Day 25	Day 26	Day 27
Day 28	Day 29	Day 30

Student Name: \_\_\_\_\_

Entering Grade 1 Summer Math Calendar - Recording Sheets		
Day 31	Day 32	Day 33
		<div>12 objects</div> <div>(divided equally into...)</div> <div>2 groups = _____ items in each group</div> <div>3 groups = _____ items in each group</div> <div>4 groups = _____ items in each group</div> <div>6 groups = _____ items in each group</div>
Day 34	Day 35	Day 36

Student Name: \_\_\_\_\_

Entering Grade 1 Summer Math Calendar - Recording Sheets		
Day 37	Day 38	Day 39
Day 40	Day 41	Day 42

Student Name: \_\_\_\_\_

[illegible]