Summer Math Calendars for Students Entering Fourth Grade – Sudley Elementary

Grade 3 into 4

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 fourth 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. ***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) While it is recommended that you only do one activity each day, you may do more than one activity each day.
4) We hope you have fun with these activities AND have an awesome summer!

Student Name: _____

MATH ROCKS

This Way to the FUN

Entering Grade 4 Summer Math Calendar – June 2025				
1. Buy a small bag of candies. Pour them into a bowl or jar. Estimate how many are in the bowl or jar. Count the candies to see how close you were.	2. Look at advertisements for cars in the newspaper. Choose a car you like and round the price to the nearest thousand.	3. Write the related multiplication and division fact families for the following sets of numbers: 3, 5, and 15 4, 6, and 24 2, 9, and 18	4. Draw two cards from a deck of cards (number cards only). Find the sum and difference of the cards. Repeat this 10 times.	5. Measure your height in inches. Measure the height of a parent. Write and solve an equation to determine how much taller your parent is than you.
Day 1 **Parent Initials** _____	**Day 2** **Parent Initials** _____	**Day 3** **Parent Initials** _____	**Day 4** **Parent Initials** _____	**Day 5** **Parent Initials** _____
6. Create a chart to show eight (8) different events from your day today beginning at the time you woke up and ending at the time you go to bed.	7. Gather four (4) different boxes of food such as rice or cereal. Measure the width of each box in inches and centimeters. Which box is the thinnest? Which box is the widest?	8. Go to the store with a parent. Record the time you arrive and the time you leave. How much time did you spend in the store?	9. Survey 10 people and ask them what their favorite animal is. Create a bar graph to show your results.	10. Draw two cards from a deck of cards (number cards only). Multiply the two numbers and write an equation to show this. Repeat this 10 times.
Day 6 **Parent Initials** _____	**Day 7** **Parent Initials** _____	**Day 8** **Parent Initials** _____	**Day 9** **Parent Initials** _____	**Day 10** **Parent Initials** _____
11. What is the greatest number and the least number that you can make using the digits 1, 4, 8, 2, 3, and 7? Read each of the numbers you created to a family member. Note: You can use each digit only once in each number.				
Day 11 **Parent Initials** _____				

Student Name: _____

Entering Grade 4 Summer Math Calendar – July 2025				
	12. Write an equation showing how 12 cookies could be shared between 2, 3, 4, and 6 children.	13. See how many different ways you can evenly divide 20 colored pencils or crayons equally. Write a division equation for each way you find.	14. Draw two shapes. Color $\frac{1}{2}$ of each shape red. Color $\frac{1}{4}$ of each shape blue.	15. Record the temperature for 5 days. What is the difference between the warmest and the coldest days?
	Day 12 **Parent Initials** _____	**Day 13** **Parent Initials** _____	**Day 14** **Parent Initials** _____	**Day 15** **Parent Initials** _____
16. If your family ordered two pizzas for dinner and each pizza had 8 slices in it, how many pieces of pizza would each of your family members be able to have (they each must have the same number of pieces). What could you do with any left over pieces?	17. When rounding to the nearest ten, what is the smallest whole number that will round to 50? The largest? How many different whole numbers round to 50?	18. Find 10 items in your house that are less than one foot long. Estimate how many inches each item is. Measure the items and find the difference between your estimates and the actual lengths of the items.	19. Solve: 134 + 10 144 + 10 244 + 20 264 + 200 384 – 30 464 - 10	20. Find a shoebox. Measure the perimeter of the top of the box. Figure out the area of the top of the box.
Day 16 **Parent Initials** _____	**Day 17** **Parent Initials** _____	**Day 18** **Parent Initials** _____	**Day 19** **Parent Initials** _____	**Day 20** **Parent Initials** _____
21. What number do you add to 74 to get to 100?	22. How many more days of summer do you have left? How many weeks is that?	23. Begin with 12 and count by 3s to 36. Begin with 12 and count by 4s to 48.	24. Write a story problem that can be solved using the number sentence 9 x 3 = _____.	25. If you left home at 6:35 p.m. and returned at 9:35 p.m.ji, how long were you out?
Day 21 **Parent Initials** _____	**Day 22** **Parent Initials** _____	**Day 23** **Parent Initials** _____	**Day 24** **Parent Initials** _____	**Day 25** **Parent Initials** _____
26. Solve: 8 x 4 8 x 5 8 x 6 8 x 7	27. Draw a number line from 0 to Label the following fractions: $\frac{1}{4}, \frac{1}{2}, \frac{3}{4}, 1\frac{1}{2}, 1\frac{3}{4}$	28. Solve: 325 + _____ = 375 500 = 475 + _____ _____ + 550 = 600 275 + _____ = 350	29. Create a multiplication chart (10 x 10).	30. An Olympic soccer field measures 344 feet long and 223 feet wide. What is the perimeter of the field?
Day 26 **Parent Initials** _____	**Day 27** **Parent Initials** _____	**Day 28** **Parent Initials** _____	**Day 29** **Parent Initials** _____	**Day 30** **Parent Initials** _____
31. How many quarters can you have if you have $3.25?	32. If Mia painted 400 fingernails, how many people did she see?	33. How many nickels can you have if you have $3.25?	34. What are 2 numbers you can add to 245?	
Day 31 **Parent Initials** _____	**Day 32** **Parent Initials** _____	**Day 33** **Parent Initials** _____	**Day 34** **Parent Initials** _____	

Student Name: _____

MATH ROCKS

This Way to the FUN

Entering Grade 4 Summer Math Calendar – August 2025

				35. Go on a road trip. Write down the miles on the odometer when you leave. Write down the miles when you get home. How many miles did you travel?
				Day 35 **Parent Initials** _____
36. If you have a pizza for dinner and you eat $\frac{1}{4}$ of the pizza and your friend eats $\frac{1}{2}$ of the pizza, who has eaten more? How do you know?	37. Miquel's family played on the beach for 3 hours. If they arrived at 11:20 a.m., what time did they leave the beach?	38. Solve: 50 ÷ 5 = _____ 45 ÷ 9 = _____ 36 ÷ 4 = _____ 21 ÷ 3 = _____	39. I am thinking of a number. It is greater than 7 x 6 and less than 6 x 10. I can be evenly divided by 5. What are all of the numbers that I could be?	40. Tito bought a toothbrush for $3.14. If he paid with a $5.00 bill, how much change should Tito get back?
Day 36 **Parent Initials** _____	**Day 37** **Parent Initials** _____	**Day 38** **Parent Initials** _____	**Day 39** **Parent Initials** _____	**Day 40** **Parent Initials** _____
41. Determine if each of the following fractions are greater than, less than, or equal to $\frac{1}{2}$. $\frac{3}{6}, \frac{7}{8}, \frac{3}{3}, \frac{1}{4}$	42. For each flower bulb planted, 4 flowers will bloom. If Susan plants 9 bulbs, how many total flowers will bloom?	43. Show two different ways to make $3.56 with coins and bills.	44. Draw a clock to show the time you will have to wake up to go to school next week (to the nearest minute). Name the time.	45. Add up every number that contains a "9" between 0 and 50. What is the sum?
Day 41 **Parent Initials** _____	**Day 42** **Parent Initials** _____	**Day 43** **Parent Initials** _____	**Day 44** **Parent Initials** _____	**Day 45** **Parent Initials** _____

Student Name: _____

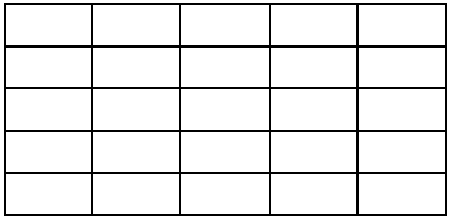
Entering Grade 4 Summer Math Calendar – Recording Sheets

Day 1	Day 2	Day 3

Day 4	Day 5	Day 6
		Event / Time

Event	Time
Woke up	
Went to bed	

Student Name: _____

Entering Grade 4 Summer Math Calendar – Recording Sheets		
Day 7	**Day 8**	**Day 9**
		
Day 10	**Day 11**	**Day 12**

Student Name: _____

Entering Grade 4 Summer Math Calendar – Recording Sheets		
Day 13	**Day 14**	**Day 15**
Day 16	**Day 17**	**Day 18**

Student Name: _____

Entering Grade 4 Summer Math Calendar – Recording Sheets		
Day 19	**Day 20**	**Day 21**
Day 22	**Day 23**	**Day 24**

Student Name: _____

Entering Grade 4 Summer Math Calendar – Recording Sheets		
Day 25	**Day 26**	**Day 27**
		
Day 28	**Day 29**	**Day 30**
	Use the blank multiplication chart at the end of this packet to complete today's activity.	

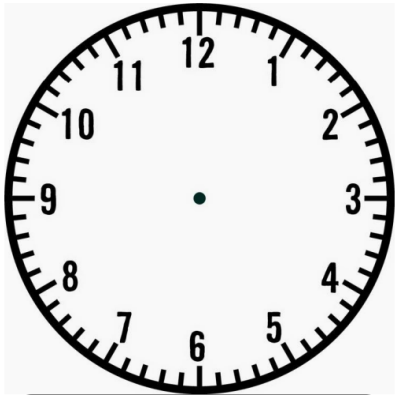
Student Name: _____

Entering Grade 4 Summer Math Calendar – Recording Sheets		
Day 31	**Day 32**	**Day 33**
Day 34	**Day 35**	**Day 36**

Student Name: _____

Entering Grade 4 Summer Math Calendar – Recording Sheets		
Day 37	**Day 38**	**Day 39**
Day 40	**Day 41**	**Day 42**

Student Name: _____

Entering Grade 4 Summer Math Calendar – Recording Sheets		
Day 43	**Day 44**	**Day 45**
		

Student Name: _____

Blank Multiplication Chart (to be used for Day 29 Activity)
