SUMMER MATH CALENDAR

LEAVING 5th GRADE

Get ready to discover math all around you this summer!

Just as students benefit from reading throughout the summer, it is also beneficial for them to engage in math activities. Research shows that students better maintain and strengthen their math skills through regular and meaningful practices.

Attached is a math calendar with activities to explore this summer. In addition, our school subscribes to IXL. In order for you to access this website, you will need your child's username and password.

IXL Username_____

Password_____

This packet contains calendar pages for June, July, and August. I encourage you to do each of the activities. Color each box as it is done or write the answer in the box, if possible.

Please have your child complete these activities and play the math games. There is a blank calendar for your child to write their answers and show their work.

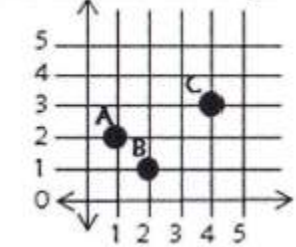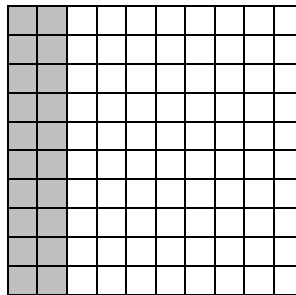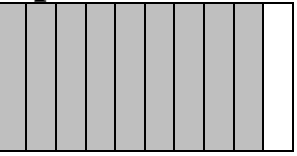*Please return the signed calendars to your child's new teacher in September.*

While working with your child, ask your child how he or she found a solution and why he or she chose a particular strategy.

I hope that you enjoy the activities, extend them, create new ones, and have fun!

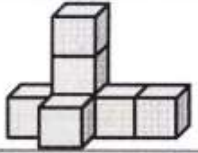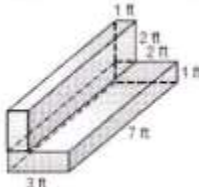Ms. Catherine Nguyen-Ho, Math Specialist

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JUNE

Monday	Tuesday	Wednesday	Thursday	Friday
Solve. 243 x 21	Which mixed fraction is shown below?	3.2 is CLOSEST to which labeled point? A B CD 1 2 3 4 5	List the factors of each number. a. 24 b. 64	Compare using >, <, or = 0.25 _____ .0245 20.405 _____ 20.45
Find the quotient. $2{,}936 \div 4 =$ _____	Find the product. 23.5 x 6	Name each ordered pair. 5 4 3 A C 2 A 1 B 0 1 2 3 4 5	What decimal is shown below?	Solve. $\frac{1}{4} + \frac{1}{2} =$
What decimal is represented below?	Ms. Chimini's class is baking cookies. They need $3\frac{3}{5}$ pounds of sugar and $5\frac{1}{3}$ pounds of flour. When they mix the sugar and flour together, how many pounds will they have altogether?	Solve. $\frac{1}{6}$ x 3 =	Solve. $24.08 + 32.9 =$	A nursery sells plants in flats. There are 6 plants in each flat. The nursery sold 18 flats on Saturday and 21 flats on Sunday. How many did the nursery sell in all?

JULY

Monday	Tuesday	Wednesday	Thursday	Friday
True or False. 5 x 8 = 4 x 10	Solve. $\frac{5}{8}$ x 4 =	What fraction is equivalent to 0.45?	Evaluate each expression. $(6 \times 3) + 72 \div 8 - 5 + 1$	Order the following from least to greatest. 0.25, 2,205, .0502, 0.225, 2.025
Find the product. 2.85 x 29	If you bought 3 albums on iTunes, each costing $9.99 and paid with a $50 gift card, how much would be left on your gift card?	Round this number to the nearest hundredth. 2.359	How many feet are in 3 miles?	Create a line plot showing the following data of the amjount of rain in inches oer the course of a week. $\frac{1}{2}$ $\frac{3}{4}$ $\frac{1}{8}$ $\frac{1}{4}$ $\frac{2}{4}$ $\frac{4}{8}$ $\frac{2}{8}$
Write the fraction in decimal form. 8/10 = _____	Use the number 555.55 to complete the following: The digit in the ones place is _____ times as much as the digit in the tenths place.	What is the perimeter of the rectangle below in <u>inches</u>. 7 ft. 4 ft.	Write the following expression. Multiply twelve and four, then add forty-seven.	An apple pie was cut into one-eighth pieces. If Michael's family ate one-fourth of the total pie, how many slices are left? (Hint: Draw a picture.)
Solve. $\frac{5}{12}$ - $\frac{1}{4}$	Solve. 6.543 x 10²	Read this number aloud to an adult. 17.80	Find the quotient. 5,426 ÷ 8 =	A shape has both pairs of opposite sides parallel. What shape could it be?
Draw a triangle that is neither equilateral nor isosceles.	Find the product. 85 x 29	Find the quotient. $\frac{2}{3} \div 3 =$	Solve the following: 156 x 78	Solve. $\frac{1}{9}$ X $\frac{2}{6}$

AUGUST

Monday	Tuesday	Wednesday	Thursday	Friday
Measure the volume by counting the unit cubes.	Sam and Sally were knitting scarves for a winter clothing drive. Same had completed $6\frac{3}{5}$ scarves while Sally finished $8\frac{1}{4}$. How many more scarves did Sally complete?	A rectangular prism is 6 cm in length, 2 cm in width, and 4 cm in height. What is the volume?	What is the missing number in the table? 	x	12	26	30	36	 	y	8	22	26			Andrew's family went on vacation across the United States. They traveled 515 miles every day for 17 days. How many miles did they travel in all?
Insert parentheses to make the statement true. $64 \div 2 \times 4 \div 2 = 4$	Joey bought a 72 ounce box of dog biscuits. How many pounds did he buy?	What is the value of $15 \cdot 2x + 2$ when x=6?	Express 18/4 as a fraction of more than 1.	Find the total volume.
In the equation $\frac{1}{3} + x = \frac{5}{12}$ what does x = ?	Find the prime factorization for 84.	Convert 3/10 as a decimal and percentage.	Find the quotient. $14.72 \div 2.2 =$	Simplify this expression: $8 \cdot (36 \div 12)$
Solve. $\frac{7}{9} - \frac{3}{8}$	Exactly 1/20 of the students in Mr. M's class have a bird. What percentage of his students has a bird?	A cereal box is 12 inches high, 6 inches wide, and 2 inches deep. How many cubic inches of cereal can it hold?	Use the distributive property to complete the equation. 509 x 11 = (___ + ___) x ___	Use a model to solve. $\frac{3}{4} \cdot \frac{1}{2}$
Round the number to the nearest tenth. 985.76	Find the least common multiples for 6 and 8.	Name a fraction that is less than 1.	What fraction is equivalent to .25?	Solve. $3 \times (4 + 3) + 7$

JUNE ANSWERS – SHOW YOUR WORK

Monday	Tuesday	Wednesday	Thursday	Friday

JULY ANSWERS – SHOW YOUR WORK

Monday	Tuesday	Wednesday	Thursday	Friday

AUGUST ANSWERS – SHOW YOUR WORK

Monday	Tuesday	Wednesday	Thursday	Friday