Hello Summer!

Dear Mathematicians,

We have created a math board to support your math practice over the summer break. In addition, we created a math infographic that reviews ways to be a mathematician over the summer months. Please use these resources over the summer, so you stay sharp with your math facts and feel refreshed and ready for the next school year.

Wishing you a happy and safe summer,
Mrs. Warner, MTSS Specialist
and Mrs. K, Title I Math Assistant

Ways to be a Mathematician over the Summer!

1. Complete the math board each day! The board can also be found on the WRE website.

2. Review basic facts, such as addition, subtraction, and multiplication. See if you know them in a snap!

3. Conquer the FEARSOME 15 addition and multiplication facts!
See attached page for the facts.

4. Utilize online resources such as Freckle and ConnectEd.

5. Complete Math Journal or Home Link pages that you did not have the chance to complete during the school year.

Fearsome 15 Addition and Multiplication Facts

+

9 + 3 =	9 + 8 =	8 + 7 =
9 + 4 =	8 + 3 =	7 + 4 =
9 + 5 =	8 + 4 =	7 + 5 =
9 + 6 =	8 + 5 =	7 + 6 =
9 + 7 =	8 + 6 =	6 + 5 =

X

3 X 4 =	4 X 6 =	6 X 8 =
3 X 6 =	4 X 7 =	6 X 9 =
3 X 7 =	4 X 8 =	7 X 8 =
3 X 8 =	4 X 9 =	7 X 9 =
3 X 9 =	6 X 7 =	8 X 9 =

June Math Board - Entering Grade 4



Use sidewalk chalk to draw a creative picture that includes at least 2 rectangles, 2 squares, and 2 trapezoids.	Use basic facts to help you solve extended facts like 60x4, 50X8, and 7x80. Show someone how you solved them and come up with a few of your own.	Write the next number in the pattern... 3, 6, 12, ____	150 = 200 - ____	A firefly the backyard glows 20 times every minute. How many times would he glow in 5 minutes, 10 minutes?
The world record for spinning a coin is 25 seconds. How close can you come to breaking that record? Which coins can you get to spin the longest?	How many ways can you cut a sandwich into 4 equal pieces? Try it with a real sandwich or a "paper" one!	7 1 2 + 1 8 9 =	Write the number in expanded form. **453**	With sidewalk chalk draw parallel, intersecting, and perpendicular lines.
Put these facts in order from the least to the greatest product. 4 x 9 8 x 5 9 x 5 9 x 3	Draw an open number line and record what time it is now. What time will it be in 30 minutes? What time was it 20 minutes ago?	Name the place value of the digit in bold: 48, **5**17	4 7 5 -1 9 8 =	I am thinking of an odd number greater than 33 and less than 40. You say it when you skip count by 5's. What number am I?
Solve it. 3 x 7 =	Solve it. 7 x 7 =	Solve it. 500-129=	Solve it. 8 x 9 =	Solve it. 327 + 153 =

July Math Board - Entering Grade 4



Predict how many socks you own. Now go count them all. Was your prediction close?	Create the largest number using the following digits: 3, 1, 9, 7	Round to the nearest ten: 764	Use toothpicks and marshmallows to build a rectangular prism. What other 3-D shapes can you build?	Amy built a rectangular garden with an area of 48 sq. ft and a perimeter of 28ft. She built another garden with an area of 48 sq. ft., but with a different perimeter. What are some dimensions Amy could have for her second garden?
Use sidewalk chalk to practice your math facts. Draw arrays to match your facts.	With a deck of cards, each player will turn over 2 cards. Multiply the numbers on the cards. The person with the highest product wins!	Write the expanded form of 1,640:	Solve it. 653 + 280 =	Write down the year each member of your family was born. Put them in order from earliest to latest. What year will each person be 100?
Roll 2 dice and multiply to find the product. Keep track of your products. Did you get one product more than any others?	Jen multiplied 2x3x10 and Maddison multiplied 3x10x2. Will they get the same answer? Does this always work when multiplying 3 numbers?	I made 24 water balloons that I want to put into equal piles. How many different ways can I pile the balloons so there is always an equal number in each group?	Grab a handful of coins, count them starting with the smallest coins, and then count again, starting with the biggest coins. Which is easier? Why?	Deal 5 cards to each player. (Ace=10). Choose 3 of your cards and use any operation (+, -, x) to get close to 20. Closest to 20 wins that round.
Round to the nearest hundred: 2,467	17+24= Write the sum in word form.	37 = 100 - ___	Write <, >, or = 343 ___ 334	Build something out of blocks or boxes. Can you build something taller than you? What shapes are you using? What shapes are you creating?

August Math Board
Entering Grade 4

Each player turns over a card from a deck of cards and the first person to say the product of the 2 cards wins.	Estimate the length of a popsicle stick in inches and cm. Measure it to find out how close you were. What outside might be an inch, foot, and yard long?	30 ÷ 5 =___	Write >, <, or = 1/5 ___1/10	Help make something in the kitchen and talk about all the math involved with measuring, portions, estimating, counting, multiplying, dividing, timing, etc.
Find 4 numbers larger than 1,000 in a newspaper or magazine. Put them in order from least to greatest. Find the difference between the largest and smallest numbers?	Write the number that makes the number sentence true. 4x5=5x___	Write the numerator that makes the statement true. ½ = ___/6	Use sidewalk chalk to draw an amusement park that includes at least 3 triangles, 3 half-circles, and 4 circles.	Have somebody time you for 2 minutes. Count how many jumping jacks you can do. Take a rest and repeat. What is the difference between the first and second time?
Roll 2 Dice and find the product. Do this at least 15 times. Keep track of the products using a line plot. Do you notice any patterns?	Look around everywhere you go, especially the kitchen for fractions. Where else can you find fractions?	Fill in the missing factor in the fact triangle. 54 *, / ___ 9	12 x (8 - 4) = ___	I went to the beach on 4 different days and collected 100 shells. What are some different combinations of shells I could have found in 4 days that would give me a total of 100?
Write a summer word problem with an answer of 12. Have someone solve the problem.	Go on a 3-D shape hunt in your house and neighborhood. Look for cubes cones, cylinders, and rectangular prisms. What did you find the most of?	Solve it. 6 x ___=36	Solve it. 12 x 7 =	Go outside on a clear night and try to count as many stars as you can see. What numbers or shapes can you make by connecting the stars?