August 2017 Entering 4th Grade Mathematics Calendar

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Try these Websites: www.mathcafe.com www.aplusmath.com	www.funbrain.com www.setgame.com	www.multiplication.com www.multiplication.com	www.aaamath.com www.figurethis.org		**Melrose Public Schools:** **www.melroseschools.com**	
Enjoy a summer full of math		1Write a story problem that can be solved using the number sentence 9 x 3 = _____.	**2** Try a new game at www.funbrain.com Challenge yourself.	**3** Solve for n: Nx8= 4x2 N= 12+15= nx9 N= 25x5 = 1xn N=	**4** Find a recipe you'd like to make with a family member. Re-write the recipe and double the ingredients. How many people does your recipe serve?	**5** 4 quarts is equal to one gallon. Tim has 6 gallons of milk. How many quarts is that? Miguel spills a gallon of Tim's milk. How many quarts does Tim have now?
6 Plan a meal for your family. With an adult, make a list of the ingredients, go shopping, and then follow the recipes.	**7** Have a scavenger hunt for real-world examples of right angles (ex. the corner of a book)	**8 Practice math facts in a fun way at the website www.multiplication.com What games did you play?**	**9** How many different ways can you make $3.25? How many quarters can you have if you have $3.25 in quarters?	**10** Select ten items from a grocery flyer and find the total cost of the items. Calculate how much change you would receive from a one hundred dollar bill.	**11** What time is it now? Write down the time. What time will it be in 30 minutes? What time was it 20 minutes ago?	**12** Roll 2 dice and multiply to find the product. Record the products. Do this 25 times. Create a bar graph with the results. What do you notice?
13 Write a story problem that can be solved using the number sentence 8 x 7 = _____.	**14** Find 4 numbers larger than 1,000 in a newspaper. Put them in order from least to greatest. What is the difference between the smallest and the largest?	**15** You went shopping with a $5 bill and spent $2.40. Is your change more or less than 40 dimes? Prove your answer.	**16** Write a schedule for tomorrow that includes the hours and minutes of your activities.	**17** Family fun! 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?	**18** Ernie wants to fence in a rectangular play yard for his two dogs. He has 12 pieces of fence that are one unit each. What are the dimensions of the largest play yard that Ernie could make? Show your work.	**19** A farmer has chickens and cows. What combination of animals could total 24 legs? Is there more than one combination?
20 Write your 9 times tables up to 9 x 10. Have an adult quiz you.	**21** Draw a design that has symmetry.	**22** Figure your age in months.	**23** Write a story problem that can be solved using the number sentence 50 + x = 95.	**24** Write your 8 times tables up to 8 x 10. Have an adult quiz you.	25 Make flash cards for multiplication, and practice your multiplication facts all summer long.	**26** Create a survey (ex: What is your favorite food?) with 5 answer choices. Ask 20 people your question. Record your results as you collect the data. Illustrate your results in a pictograph where the symbol does not equal just one person
27 Write a story problem that can be solved using the number sentence 691- x = 590.	**28** Write your 7 times tables up to 7 x 10. Have an adult quiz you.	29 Gather 3 store receipts. Find the total amount that was spent.	30 Pick a board game. Play with a friend.	**31** Write the number in standard form. 5 hundreds 6 tens 12 ones.	**Pack up your Math Calendar and bring to your new teacher!**	

July 2017 Entering 4th Grade Mathematics Calendar

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Dear Families, On this calendar are activities to extend math learning all summer. You can choose which activities you'd like to complete on which day. We encourage your child to complete 20 math boxes each month. After completing a box, color it in. When school starts again in August, return your calendar to your child's new teacher.			**Try these Games this Summer:** Monopoly, Stretego, Othello, Connect Four, War, Battleship, Risk, Mancala, Pente, Simon Yahtzee and Mastermind			**1** **Round 892 to the nearest tens place. To the nearest hundreds place?**
2 Mary has 24 more stickers than Joe. If Joe has 50 stickers. How many does Mary have? Write an equation and solve.	**3** Draw a picture that only uses geometric shapes. Identify and record as many shapes as possible.	**4** Find a graph in the newspaper or on the computer. Write 3 statements about the graph.	**5** Julie shares her three brownies between herself and 5 friends. How much did each person get?	**6** James planted a tomato seed on July 18, 2012. He noticed a sprout 2 weeks later. What date did he notice the new sprout?	**7** John has $10.00. John needs to buy two pens for $1.29 each. Estimate how much it will cost. Find the exact total & change.	**8** Find 3 objects that are rectangular prisms. Write the names of the objects & draw. How many faces does each rectangular prism have? How many vertices
9 Draw 8 of the same triangles. Color ¼ of the triangles. How many should you color?	**10** Add: 1,497 + 2, 864 = Check your work with subtraction.	**11** Round 476 to the nearest tens place? To the nearest hundreds place?	**12** If you get up at 7:30 a.m. and need to be at a friend's house by 8:15 a.m. How much time as passed?	**13** Use a ruler to draw a rectangle measuring 12 cm long and 4 cm wide. Find the area and perimeter.	**14** Complete the problems using >, <, =: 471 ____ 147 19 + 7 _____ 9 + 20 4 x 9 _____ 6 x 6	**15** Write a 5 digit number. Use a 8 in the tens place, 6 in the hundredths place, and a 5 in the thousands place. What are ten possible numbers you might have?
16 Write your 6 times tables up to 6 x 10. Have an adult quiz you.	17 I'm thinking of an odd number. It is greater than 73 and less than 90. You say it when you skip count by 5s. What number am I?	**18** Roll 2 number cubes 25 times. Multiply to find the product. Record. Create a bar graph to show the results? Describe data.	**19** Lisa has 4 boxes of crayons. Each box has 8 crayons. How many crayons in all?	**20** How many hours did you sleep last night? Bedtime: _____ Wake time: _____	**21** Write the multiplication and division combinations for 6, 7, and 42.	**22** Write your 4 times tables up to 4 x 10. Have an adult quiz you.
23 If you called London, England at 8:00 pm Boston Time. What time would it be in London? (Hint: London is 5 hours ahead)	24 What time is it now? What time will it be in 45 minutes? Record.	25 Draw an analog clock that shows 4:50 pm. Now draw a clock that shows 15 minutes later	**26** Add : $432.17 + $19.20= Check your answer with subtraction	27 Multiply: 36 x 20 = Use your best strategy! Show your work.	28 If you eat 1/3 of the birthday cake and your friend eats ¼ of the same birthday cake. Who ate more? Use pictures to explain your answer.	29 How much greater than 150 is 1000? Show your work
30 Play Chairs at www.illuminations.nctm.org If you have 8 tables, what is the greates amount of people you can seat in a line?	31 Write a work problem whose answer is 12. Have someone solve the problem. Choose another answer and make up a problem.	*Math is all around us ~ seize the moment!*		Check out Melrose Public Schools: www.melroseschools.com		