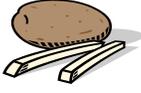






# July 2016 Entering 3rd Grade Mathematics Calendar



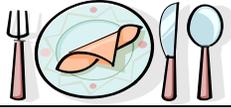
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<p><b>Dear Families,</b> On this calendar are activities to extend math learning all summer. You can choose which activities you'd like to complete on which day. We encourage your child to complete 20 math boxes each month. After completing a box, color it in. When school starts again in August, return your calendar to your child's new teacher. Enjoy a summer full of math.</p>					<p><b>Try these Websites:</b>  <a href="http://www.mathcafe.com">www.mathcafe.com</a>  <a href="http://www.multiplication.com">www.multiplication.com</a>  <a href="http://www.aplusmath.com">www.aplusmath.com</a>  <a href="http://www.multiplication.com">www.multiplication.com</a>  <b>Melrose Public Schools</b>  <a href="http://www.melroseschools.com">www.melroseschools.com</a></p>	
<p><b>26</b> Use different beans, pasta, or shape cut outs from paper to make this pattern: AABCC. Glue to a clean sheet.</p>	<p><b>27</b> Draw a pizza with toppings you like. Divide the pizza into eighths. Label each eighth.</p>	<p><b>28</b> Find something that is bigger than a potato but lighter than it.</p> 	<p><b>29</b> Measure and record your height in inches and centimeters. How many feet are you? How many meters?</p> 	<p><b>30</b> Have someone time you jumping on one foot for a minute. Count the number of times. Double the number and record it.</p>	<p><b>1</b> How much does the Malden Observer cost for one week? One month? One year?</p> 	<p><b>2</b> I am thinking of a number between 10 and 100 that has one 9 in it. What might the number be?</p> 
<p><b>3</b> Name 5 ways to make 30 cents. Draw a picture to show your thinking and write the number sentences.</p> 	<p><b>4</b> Record the temperature outside in the early morning. Then in the late afternoon. How many degrees did it change?</p>	<p><b>5</b> Write as many coin combinations that equal \$1.00 using nickels, dimes, and quarters.</p>	<p><b>6</b> Write out the twelve months of the year in order. How many days does each month have?</p>	<p><b>7</b> Think about your schedule for the day. What will you do?</p> <p>Create a schedule to record your activities between 7am-2pm.</p>	<p><b>8</b> Flip a coin 50 times. Make a chart for the heads and tails. Make a tally mark each time you flip. How many heads and tails did you get?</p>	<p><b>9</b> Go on a scavenger hunt in your home! See how many three-dimensional shapes you can find. Look for rectangular prisms, cylinders, cubes, cones, pyramids, and spheres.</p>
<p><b>10</b> Look in your refrigerator. Categorize the items as dairy, fruit, vegetable, meat, grains, fats, or other. Make a tally chart.</p>	<p><b>11</b> How many times can you fold a piece of paper in half? Predict and try. Try it with 4 different sizes of paper. Can you make the same number of folds with all sizes?</p>	<p><b>12</b> Create a bar graph of the drinks in your house. Categorize the drinks according to where they come from, e.g. plants, animals, man-made.</p>	<p><b>13</b> Write the numbers from 1 – 100 by 3s. What patterns do you see?</p> 	<p><b>14</b> A cylinder has the shape of a can. Find and write down things in your house having the shape of a cylinder.</p> 	<p><b>15</b> Find draw (trace) something that is symmetrical. Draw all the lines of symmetry.</p> 	<p><b>16</b> Fold a piece of paper in half 2 times. Open it. How many rectangles. How fold it in half 3 times. How many rectangles? 4 times? Can you find a pattern?</p>
<p><b>17</b> Write all the even numbers from 1 – 100.</p>	<p><b>18</b> Draw a line that is 10 cm long. Then draw one that is 3 cm shorter.</p>	<p><b>19</b> Draw a rectangle and triangle. How many sides? Corners?</p>	<p><b>20</b> Write numbers from 1 – 100 skip counting by 7s. What pattern do you see?</p>	<p><b>21</b> Collect some jar lids. Trace them in order from smallest to largest.</p>	<p><b>22</b> How much less than 52 is 36? Show how you got your answer.</p>	<p><b>23</b> Create a symmetrical picture using: triangles, squares, circles and/or trapezoids. Draw the line of symmetry. Create another.</p>
<p><b>24</b> Complete the Number pattern. 5, 10, 15, __, __ Explain the pattern.</p>	<p><b>25</b> How many quarters make \$5.00? How many dimes? Nickels? Pennies. Do you notice any patterns? Record.</p>	<p><b>26</b> What time is it now? Write down the time. What time will it be in 30 minutes? What time was it 20 minutes ago?</p>	<p><b>27</b> Think about your schedule for the day. What will you do? Create a schedule to record your activities between 7 AM-2 PM</p>	<p><b>28</b> Think of a special day you are looking forward to. How many days until that special day? How many weeks?</p>	<p><b>29</b> How many different ways can you cut a sandwich into four equal pieces?  Try it with real or "paper sandwiches."</p>	

Student's Name \_\_\_\_\_ Parent's Signature \_\_\_\_\_



# August 2016 Entering 3rd Grade Mathematics Calendar



Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<p><b>Head on over to the Melrose Public Library and ask for a book about mathematics.</b></p> <p><b>Cool Mathematics Books to Read this Summer:</b>  <u>The Greedy Triangle</u> by Marilyn Burns  <u>The Doorbell Rang</u> by Pat Hutchins  <u>Amanda Bean's Amazing Dream</u> by Cindy Neuschwander  <u>The Hershey's Milk Chocolate Fraction Book</u> by Jerry Pallotta  <u>Skittles Riddles Math</u> by Barbara Barbieri McGrath  <u>The Grapes of Math &amp; Math Appeal</u> by Greg Tang</p>			<p><b>Try these Games this Summer:</b>            Checkers, Chess, Memory, Chutes and Ladders, jigsaw puzzles, Parcheesi, Fish, Crazy Eights, Candy Land, Connect Four, Sorry, Uno, Battleship, Trouble, Legos, K'Nex.</p>		<p><b>30</b> Find ten items in your house that are less than one foot long. Estimate how many inches long each item is. Measure the items and find the difference between your estimates and the actual lengths of the items.</p>	
<p><b>31</b> Find a chapter book you want to read. If you were to read this book in exactly one week, how many pages would you have to read each day if you read the same number of pages each day?</p>	<p><b>1</b> If you start watching a T.V. at 8 am and watch for 1 and half hours. What time will it be when you're done?</p>	<p><b>2</b> Jen is 53 inches tall. Deb is 48 inches tall. Who is taller? How much taller? How tall is each girl in feet? Show your work.</p>	<p><b>3</b> Find the sum of 46 and 55. Show your work.</p> 	<p><b>4</b> You have 4 lollipops. 1 is grape flavored. What fraction is grape flavored? Record.</p> 	<p><b>5</b> Set the table for dinner. How many utensils will you need for 6 plates? 8 plates? Describe the pattern. Estimate 12 plates without counting.</p> 	<p><b>6</b> Kevin has 6 shells and 5 rocks.</p> <p>What are two fact families that do with the story?</p>
<p><b>7</b> Weigh yourself on the scale. Double the number. Double the number again. What are the numbers?</p> 	<p><b>8</b> You have \$10.00 to spend. Find something in the fliers you can buy. How much does it cost? How much change will you get, if any?</p>	<p><b>9</b> Write down the years people who live with you were born. Put them in order from least to greatest.</p> 	<p><b>10</b> Estimate how long it will take you to clean your room. Make a prediction, write it down, set the timer and clean. How close were you?</p>	<p><b>11</b> What time did you wake up today? What time did you eat lunch? How much time has passed between wake time and lunch time?</p> 	<p><b>12</b> Make a rectangular array for 8 x 5 using a drawing, buttons, beans, cereal etc. Glue to a sheet of paper. How many in all?</p>	<p><b>13</b> Make a repeating pattern using at least 2 different objects (stickers, coins, etc.).</p>
<p><b>14</b> Michelle has 4 red shirts and 2 blue shirts. What are two fact families that go with this story?</p>	<p><b>15</b> Solve</p> <p>20+10            30+10            40+10            50+10            60+10            70+10</p> <p>What is your strategy?</p>	<p><b>16</b> Write a 4-digit number. Circle the number in the 1000s place. Put a square around the number in the 10s place.</p>	<p><b>17</b> Write down the names of 6 four legged animals. Draw a rectangular array to show how many legs in all.</p>	<p><b>18</b> If you split a pizza evenly among 3 people, how much pizza will each person get? Write you answer as a fraction.</p>	<p><b>19</b> Mark and Dan went apple picking. Mark picked 23 apples. Dan picked 77 apples. How many apples did they pick in all?</p>	<p><b>20</b> In California, it is 3 hours earlier than it is in Boston. What time will it be in California when you eat lunch? What you go to sleep?</p>
<p><b>21</b> How many more popsicles do I need to buy if I already have 6 and I want to have 11? What's the number sentence?</p>	<p><b>22</b> The 3 numbers in my fact family are 8,4, and 12. What two addition and two subtraction number sentences can you make?</p>	<p><b>23</b> Draw a picture of a building using squares, rectangles, triangles, and circles. How many of each did you include? Try to draw another picture that has more shapes in it.</p>	<p><b>24</b>How much in total money do you have using the following?            3 one dollar bills            2 quarters            3 dimes            4 pennies</p>	<p><b>25</b> Tell an adult in your family what are your goals for math this year. What do you want to learn? What will you need to do to get better at mathematics?</p>	<p><b>26</b>            Solve            15 + _____ = 50</p> <p>What goes in the blank? Explain how you found the answer to another adult in your family.</p>	<p><b>27</b> Congratulations! Place your summer math calendar in your backpack to bring to school to share with your new teacher.</p>

