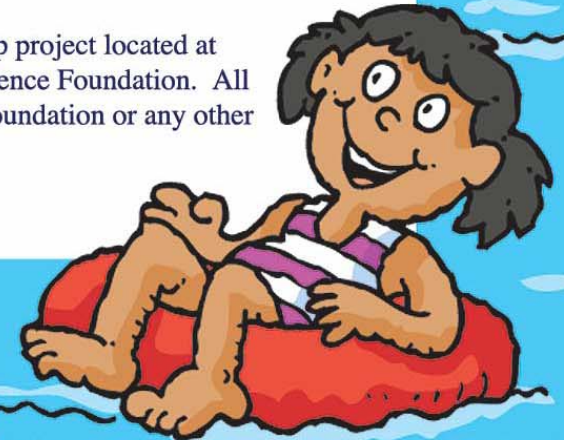
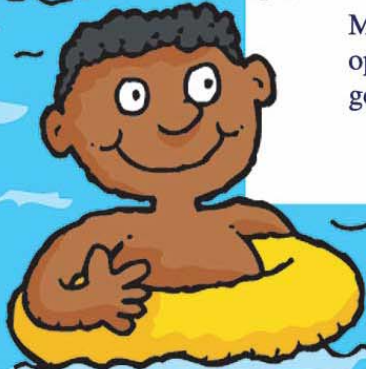


Dear Parents and Students,

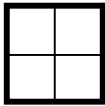
The teachers in the Teaching Excellence and Mathematics (TEAM II)\* project worked together to create summer math calendars with math activities that reinforced what was learned during the 2004 - 2005 school year. With permission from TEAM II, the Rowan-Salisbury Elementary Curriculum Department has revised the summer math calendars for the 2005 - 2006 school year. We hope you will enjoy doing these activities each day.



\* Teaching and Excellence and Mathematics (TEAM II) is a teacher leadership project located at Meredith College in Raleigh. The project is funded in part by the National Science Foundation. All opinions are those of the authors and do not necessarily reflect views of the Foundation or any other government agency.



# June 2006

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<h2 style="margin: 0;">Third Grade</h2> <p style="margin: 0;"><i>(Adapted from TEAM II Project)</i></p>				<p><b>1</b> Create a folder to hold your work. Decorate the folder with labeled geometric shapes.</p>	<p><b>2</b> Write a word problem whose answer is 12.</p>	<p><b>3</b> Tally the number of cars that pass your house in 15 minutes. Repeat 3 times.</p>
<p><b>4</b> Write the place value for each digit in the number 3,578.</p>	<p><b>5</b> Draw a Fahrenheit thermometer. Label the freezing and boiling points.</p>	<p><b>6</b> Calculate the difference in the highest and lowest temperatures of today.</p>	<p><b>7</b> Compare today's highest temperature with yesterday's. What is the difference?</p>	<p><b>8</b> Compare today's highest temperature in degrees Celsius to degrees Fahrenheit.</p>	<p><b>9</b> Circle every number on the front page of the newspaper. How many are greater than 1,000?</p>	<p><b>10</b> Draw a rectangle. Draw diagonals to connect the opposite corners. How many triangles in the figure?</p>
<p><b>11</b> What happens when you add two even numbers? Two odd numbers?</p>	<p><b>12</b> Multiply an odd number by 9, by 2, and by 3. What happens to the product each time?</p>	<p><b>13</b> Name the factors of 24. Which factors are odd and which are even?</p>	<p><b>14</b> Write in words the number 9,889. Name the value of each digit.</p>	<p><b>15</b> Write in expanded form: 7,012 9,999 12,246</p>	<p><b>16</b> Add the 10 digits in your phone number. Can you divide the sum by 2 without a remainder?</p>	<p><b>17</b> Write a word problem that this will solve: <math>6 \times 8 =</math></p>
<p><b>18</b> Round 3,847 to the nearest ten. Round to the nearest hundred.</p>	<p><b>19</b> Is the sum of 789, 542, and 733 <math>&gt;</math>, <math>&lt;</math>, or <math>=</math> to the sum of 441 and 833?</p>	<p><b>20</b> Write the first five multiples of each odd number through twelve.</p>	<p><b>21</b> Write the first five multiples of each even number through twelve.</p>	<p><b>22</b> Who has the longest name in your family? Graph the name of each family member.</p>	<p><b>23</b> How many different 3-digit numbers can you make with the numbers 2, 3, and 4?</p>	<p><b>24</b> Circle the larger number in each pair: 1,267 or 1,276 3,904 or 3,940 6,513 or 6,153</p>
<p><b>25</b> A farmer has chickens and cows. What combinations could total 24 legs?</p>	<p><b>26</b> Is <math>3 \times 8 =</math> to <math>8 \times 3</math>? Draw an array to explain.</p>	<p><b>27</b> What are the values of <math>4(3+2)</math>, <math>3(4+2)</math>, and <math>2(4+3)</math>?</p>	<p><b>28</b> Write a schedule for tomorrow that includes hours and minutes of your activities.</p>	<p><b>29</b>  How many parallelograms?</p>	<p><b>30</b> Write five 2-digit numbers so that when the digits of each are added the sum is 9.</p>	

# July 2006

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<b>Third Grade</b> <i>(Adapted from TEAM II Project)</i>						1 On an analog clock, the long hand is on 7 and the short hand is between 6 and 7. What time is it?
2 It is seven o'clock a.m. and your ride leaves in six hours. What time will that be?	3 What is the date of the fifth Saturday of this month? How many months have 5 Saturdays this year?	4 How do the numbers on a calendar change when you move diagonally? Vertically?	5 Carla leaves on July 27 <sup>th</sup> for a six-day vacation. On what date will she return?	6 What will the twelfth number be in the pattern 2, 4, 7, 9, 12, 14...? What is the rule for this pattern?	7 What date is 5 weeks from today?	8 Read a book. Identify all the ways math is used in your story.
9 Draw the polygon with the fewest number of sides.	10 Draw a hexagon and divide it into equivalent pieces. How many pieces did you make?	11 Describe the angles in a square. How many vertices are in a square?	12 Compare angles and sides of any rectangle and a square.	13 Describe the angles in an octagon. How many vertices are in an octagon?	14 Describe the angles in an equilateral triangle.	15 Identify cylinders in and around your home.
16 Describe the net of a cylinder. What shapes do you see?	17 Identify cubes in and around your house.	18 Describe the net of a cube. What shapes do you see?	19 Identify the number of faces, edges, and vertices that are found on a cube.	20 Identify rectangular prisms (other than a cube) in and around your house.	21 Describe the net of a rectangular prism. What shapes do you see?	22 Identify the number of faces, edges, and vertices that are found on a rectangular prism.
23 Write 234,567 in expanded form.	24 How many different shapes can you make with an area of 24 square units?	25 How many rectangular shapes (arrays) can you make with an area of 24 square units?	26 What multiplication families can be used to represent 24?	27 What is the perimeter of each array you made on July 25?	28 Review the times tables for 2, 3, and 4. Have someone give you a quiz. How did you do?	29 Review the times tables for 5 and 6. Have someone give you a quiz. How did you do?
30 Write 23.45 in expanded form.	31 Select three books. Count how many words you can read in one minute in each book. Compare.					

# August 2006

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<p><b>Third Grade</b> <i>(Adapted from TEAM II Project)</i></p>		<p>1 How many different ways can you line up an apple, an orange, a pear, and a tomato?</p>	<p>2 Measure your height in feet. How many inches tall are you?</p>	<p>3 Use your feet (heel to toe) to measure the length of you kitchen.</p>	<p>4 Use inches to measure the length and width of a table.</p>	<p>5 Measure the length, width, and height of a cereal box in centimeters.</p>
		<p>6 Estimate and check how many cups of water it takes to fill a large pot.</p>	<p>7 Color a circle one-half green, one-fourth blue, and one-eighth yellow.</p>	<p>8 How many capital letters in the alphabet have line symmetry?</p>	<p>9 How many digits have line symmetry?</p>	<p>10 Draw the lines of symmetry for 3 different polygons. (not quadrilaterals)</p>
<p>13 How many gallons of water does it take to fill your bathtub two inches?</p>	<p>14 Name as many things as you can that come in a dozen.</p>	<p>15 Make a hundred board. Circle all the multiples of three and of nine.</p>	<p>16 On the hundred board, put an x on all of the multiples of 5 and circle multiples of 10.</p>	<p>17 Flip a penny 50 times. Record the results on a tally chart.</p>	<p>18 Make a chart to record the temperature for the next 7 days, starting with today.</p>	<p>19 How many different numbers can you make using the digits in your address?</p>
<p>20 How many quarts of water does it take to fill the kitchen sink two inches?</p>	<p>21 Figure the amount of time that passed between when you woke up today and when you ate lunch.</p>	<p>22 Measure the height of your front door in centimeters.</p>	<p>23 List 10 things in your home that have parallel lines.</p>	<p>24 Compare your weight with that of an adult you live with.</p>	<p>25 Make a graph that displays the temperature readings of the last seven days.</p>	<p>26 What fraction of the people that live in your house are adults?</p>
<p>27 Make number sentences that equal to 150. Example: <math>(100 + 50)</math></p>	<p>28 How many different sundaes can you make with vanilla and chocolate ice cream, sprinkles, nuts, and Oreos?</p>	<p>29 List all the combinations of coins you could use to make 52 cents.</p>	<p>30 Measure the height of 4 things in inches.</p>	<p>31 If you pack 3 shirts (yellow, red, and green) and 2 pairs of pants (black and blue), how many outfits can you make?</p>		