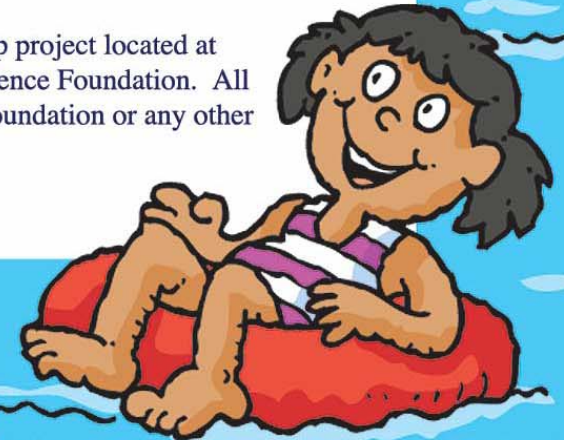
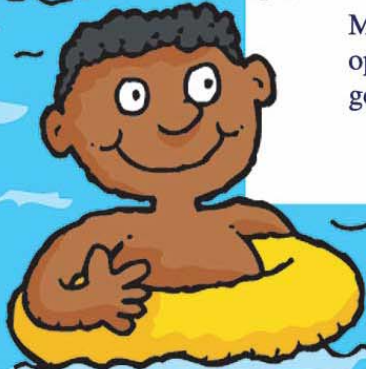


Dear Parents and Students,

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
<p>Fourth Grade (Adapted from TEAM II Project)</p>				<p>1 Find the total amount of ounces in three items in the kitchen. How many pounds would this be?</p>	<p>2 Estimate how many pennies it would take to cover this page. How close were you?</p>	<p>3 Look out a window, what things do you see that probably weigh less than you do?</p>
<p>4 Using a ruler or yardstick, find the area of a door in your house (in square inches).</p>	<p>5 Find the difference of the perimeter of 2 windows in your home.</p>	<p>6 Find the circumference and diameter of any round object. What did you measure?</p>	<p>7 Find three objects around the house that have at least 2 lines of symmetry.</p>	<p>8 Find the area in square feet of the largest room in your home.</p>	<p>9 Find the difference in area of the largest and smallest rooms in your home.</p>	<p>10 How many hours before the first day of school (August 25)?</p>
<p>11 In what year will you double your current age?</p>	<p>12 Name 4 fractions that are equivalent to $\frac{4}{6}$.</p>	<p>13 Which weighs more, a pound of nails or 16 ounces of cotton balls? Why?</p>	<p>14 What food items do you eat that are measured in pounds?</p>	<p>15 What items in your home have a perimeter of about 50 inches?</p>	<p>16 What item in your home would hold the greatest capacity of liquid? The least?</p>	<p>17 How many pennies would it take to cover the perimeter of a paper towel?</p>
<p>18 List three items that are measured in metric units.</p>	<p>19 Without weighing, find a way to see which of 2 similarly sized books is heavier.</p>	<p>20 Find the sum of all the ages of people living in your home.</p>	<p>21 How many objects from one room can you list that show a 90° angle?</p>	<p>22 Find objects in your house that show an obtuse angle.</p>	<p>23 In inches, what is the combined height of all the people living in your house?</p>	<p>24 What is the “mode” of the age of 5 people that you know?</p>
<p>25 How old are you in days?</p>	<p>26 How old are you in hours?</p>	<p>27 How many hours since you were in school last (June 8)?</p>	<p>28 If you exercise 30 minutes a day (Monday - Friday), how many hours would you exercise this month?</p>	<p>29 If you watched TV 1.5 hours each day of the week, how many minutes would this be?</p>	<p>30 Make a list of three items in your house that have the shape of a cylinder.</p>	

July 2006

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Fourth Grade <i>(Adapted from TEAM II Project)</i>						1 Make a list of things outside that are longer than 20 feet.
2 Find objects in your home that hold more than 1 gallon.	3 What is the perimeter of 1 bath towel in inches? What is the area?	4 Use cm to find the area/perimeter of 1 slice of bread.	5 How many minutes have you slept in the last 2 days?	6 How many days until you become a teenager?	7 Would it take more dimes or pennies to cover up a dollar bill? Why?	8 If 12 friends shared a 1,000 piece puzzle, about how many pieces should each person get?
9 If 17 children each had a 25 piece puzzle, how many total puzzle pieces would that be?	10 How many weeks old are you?	11 Find the perimeter of the smallest window in your house. What units could be used?	12 Find the perimeter, of the largest room in your house. What is the area of the floor?	13 List 10 items in your house. Order them from lightest to heaviest. (Estimate for heavy items)	14 Find 5 objects around your house or yard that have parallel lines.	15 Find 5 items around your kitchen that have perpendicular lines.
16 Find some coins around your house. Create a graph to represent these coins. How much money is it?	17 Which is more money? A) \$10 a week for 4 weeks or B) 25 cents the first day, then doubling the amount each day for 4 weeks?	18 If you place all of your shoes in a single line, how long is the line? (customary or metric units)	19 Time yourself. How long would it take you to roll across the length of your yard (or room)?	20 If something travels 4 yards in 10 seconds, how long would it take to travel 100 yards?	21 Rectangles are worth \$2, squares \$3, and triangles \$6. How much are the items in your bedroom worth using these shapes?	22 Cylinders are worth \$4 each and rectangular pyramids are worth \$6. What is the value of items in a kitchen cabinet?
23 Write 4 fractions equivalent to $\frac{3}{4}$.	24 Vowels are worth \$50 each, consonants \$40. Can you make a word worth \$200? \$600?	25 Write a story problem that $17 + 36$ would solve.	26 Using a piece of string, what is the largest circumference you can make?	27 What type of angle could an open door be an example of?	28 What is the difference between two-dimensional and three-dimensional shapes?	29 What would the net of a rectangular prism look like?
30 What three-dimensional shape is a soda can? Name 4 other three-dimensional shapes.	31 If a 2 quart container of ice cream costs \$3.75, how much would 2 gallons cost?					

August 2006

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<p>Fourth Grade <i>(Adapted from TEAM II Project)</i></p>		<p>1 How many hours since your last birthday?</p>	<p>2 Who is older, someone who is 10 years old or someone who is 600 weeks old? Why?</p>	<p>3 If vowels are worth \$10 dollars and consonants \$5, what is the value of a place you'd like to vacation?</p>	<p>4 How many seconds can you hop on one foot? Is this more than 2 minutes?</p>	<p>5 How many different ways can you measure a shoebox? Think two-dimensional and three-dimensional.</p>
<p>6 How many \$100 dollar bills would a millionaire have?</p>	<p>7 How many fingers and toes would a dozen students have altogether?</p>	<p>8 Find the median number of hours you slept at night this week.</p>	<p>9 How are 12 x 9 and 9 x 12 alike? How are they different?</p>	<p>10 Compete with a friend: Who can write the multiplication facts of 8 the fastest?</p>	<p>11 List the odd numbers greater than 11 and less than 67.</p>	<p>12 Explain what even numbers are. Give 5 examples.</p>
<p>13 Record the temperature each day of this week. (See next Saturday's question.)</p>	<p>14 What fraction of the entire day did you spend sleeping yesterday?</p>	<p>15 What fraction of hangers in your closet are made from wire?</p>	<p>16 Buttons are worth \$60 each and zippers are worth \$90 each. How much is the outfit you have on worth?</p>	<p>17 How many similarities can you identify between a cereal box and a shoe box?</p>	<p>18 Make a list of three-dimensional shapes seen on your next trip away from your house.</p>	<p>19 Was there a mode for daily temperature this week? If yes, what was it?</p>
<p>20 How long does it take an ice cube to melt completely? What units could you use to measure this time?</p>	<p>21 Measure the arm-span of a group of friends. What's the difference between the largest and smallest?</p>	<p>22 If you watch a 1.5 hour movie each week, how many hours would you watch in 1 year?</p>	<p>23 If you swim $\frac{2}{7}$ of the days in each week, how many days would you swim in 3 months?</p>	<p>24 What fraction of the months in a year are you in school? What fraction are you on summer break?</p>	<p>25 Solve this in 2 ways: $25 \times 12 =$</p>	<p>26 If you drank 25 ounces of water daily for a week, how many pounds of water would that be?</p>
<p>27 Which is greater, the circumference of your pant-leg or the length of your shoe?</p>	<p>28 Of the shoes you wear, what fraction have laces?</p>	<p>29 Counting all of your fingers and toes, what fraction of that number would your thumbs be?</p>	<p>30 What fraction of the people living in your house have either green or brown eyes?</p>	<p>31 Find 2 objects around your home with a diameter less than 6 inches.</p>		