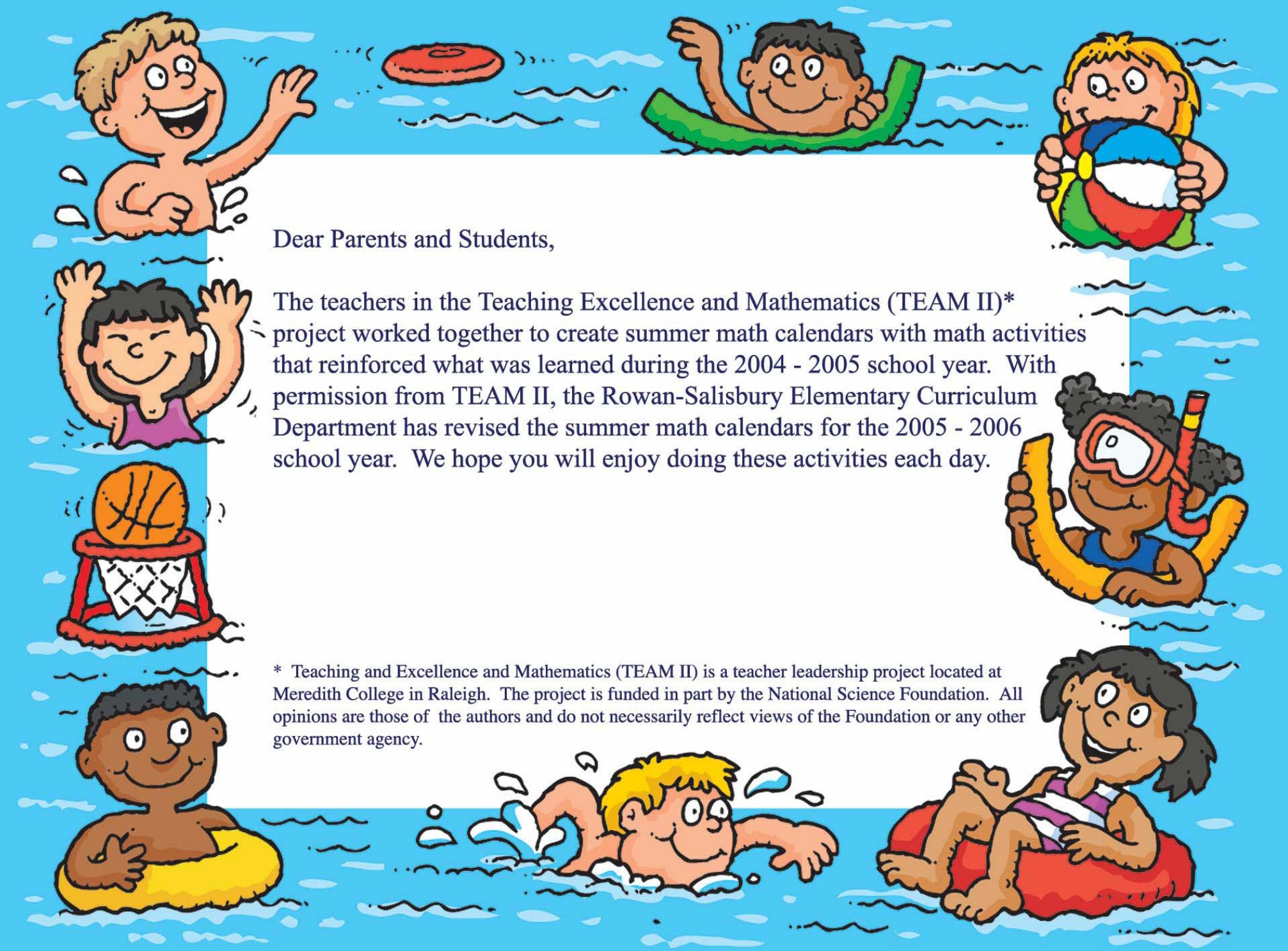

Dear Parents and Students,

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
Fifth Grade ***(Adapted from TEAM II Project)***				1 About how long will it take to play 5 of your favorite DVD's?	2 Find the sum of the digits of your phone number. What numbers is it divisible by?	3 In how many different ways can 3 different candles be arranged in a straight line?
4 Six friends have 4 sandwiches to share. How can they cut them in equal amounts?	5 What is the probability that a 2-digit whole number contains an 8?	6 The hind foot of a grizzly bear is 26 cm long. What fraction of a meter is this?	7 What 4 different numbers can you add together to total the square root of 100?	8 Estimate and then cut a piece of string that fits around your waist. How many cm is this?	9 What shapes always have only 2 sets of parallel sides?	10 A California Condor has a 114 inch wing span. How many feet is that? How many inches are left over?
11 Make an alphabet listing of geometric terms: A is for angle; B is for base, etc.	12 Find the largest number in a newspaper or magazine.	13 Would you rather have a stack of pennies as tall as you or a row as long as the hallway? Why?	14 A rooster, a sheep and a duck were on a farm. What fraction of the animals were 2-legged?	15 Haley's comet was seen in 1985. It should be seen in 76 years. In what year might we see it?	16 What item in your home would hold the greatest capacity of liquid? The least?	17 How many pennies would it take to cover the perimeter of a paper towel?
18 If a dozen suckers cost $3.50, how much would two and a half dozen cost?	19 What is the smallest fractional value you can write using the digits 2, 3 and 4?	20 Write a problem situation that $^{1}/_{2} + {}^{2}/_{3}$ will solve.	21 The turkey vulture has a 72 inch wingspan. How many yards is its wingspan?	22 Mickey Mouse was created in 1928. How old will he be in 2020?	23 You have 25 dimes and 11 quarters. How much money is this?	24 How much would it cost your family to go to Disney World? Go to the website to get prices.
25 Gather the high temperatures for the week. Find the average, mode and range.	26 How many times does the number 9 appear in a 2006 calendar?	27 Today is day 27. What can you tell about this number? Example: Is it odd, prime, multiple of 4, etc.	28 If you spend $100 a day, how long will it take you to spend a million dollars?	29 Color in all the multiples of 6 on a calendar. What pattern do you notice?	30 Cut a string 1 meter long. Find 10 things that are this length.	

July 2006

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Fifth Grade ***(Adapted from TEAM II Project)***			Record the time you go to bed and when you get up for one week. Figure the number of minutes and hours this is. Find the average.			1 Jen is 12. Amy is 13. In 25 years, what will be the product of their ages?
2 I am an even, 3-digit palindromic* number. The product of the digits is 8. What number am I?	3 If a rug is in the shape of a regular hexagon and one side measures 2.1 feet, what is the perimeter?	4 How many fourths are there in six-eighths?	5 I am part of a line. I have 1 endpoint and I extend in 1 direction only. What am I?	6 Which 4 consecutive numbers total between 30 and 38?	7 If you have one lb. of feathers and one lb. of rocks, which one will weigh more? How do you know?	8 Ask 15 friends what sport they think would be the most dangerous. Graph the data.
9 What is the probability of rolling a sum of 12 on 2 dice?	10 Tally the number of birds that you see fly across your yard for 5 minutes. Do this 3 times during the day. The average is _____.	11 There is a pink single story house and everything in it is pink. What color are the stairs?	12 What is the area of your bedroom floor?	13 Find an article in a newspaper that has numbers in it. Make a math problem using the numbers.	14 Approximately how many hours of your life have you spent sleeping?	15 A copy of Teen People sells for $3.49. If you buy 9 issues for 14.97, how much do you save?
16 A square has a perimeter of 20 cm. What is its area?	17 I have 5 kinds of crackers and 3 kinds of cheese. How many combinations can I make?	18 What day of the week will it be 1000 days from now?	19 Survey your family. Find out their favorite kind of music. What conclusions can you draw?	20 I am a quadrilateral that has only 1 pair of parallel sides. What am I?	21 Drop a tennis ball from your shoulder. How many times did it bounce? Compare with dropping it from your hip.	22 Count the cricket chirps for 15 seconds. Add 39. This will give you the Fahrenheit temperature outside. Try it.
23 How many .25 are in 20.75?	24 About how many cm long is a new pencil? Find one and measure.	25 List as many book titles as you can that have numbers in them.	26 What metric unit could be used to measure a straw? What customary unit?	27 How many M&M's are in a package? Estimate then count.	28 Go to your park. Estimate the distance between the swing and slide in meters. Measure.	29 How many licks does it take to get to the center of a Tootsie Pop?
30 Which is colder 0^0 F or 0^0 C?	31 Which is greater 2^4 or 4^2? Explain why.	* palindromic: a number that can be read the same forward and backward				

August 2006

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Fifth Grade ***(Adapted from TEAM II Project)***		1 Start with 1 bean today. Every day double the amount. Estimate the amount for Aug. 31st.	2 I am a solid figure with 1 base and 3 other faces. I have a total of 4 faces. What am I?	3 Eat ½ a cup of cereal. Write 3 math problems using ½ in the problems, solve.	4 Think of all the different digits. Which digit increases by 50% when you look at it upside down?	5 Keep a tally of how many phone calls your family receives in a day.
6 Roman numerals are rarely used today. They were used until CDLV years ago. How long was this?	7 How many ways can you have $0.33 in change?	8 Find the average # of letters in 4 of your friends' last names.	9 How many days are left in the year 2006?	10 Your friend's birthday is in Dec. What are the chances that she was born on an odd number date?	11 Can you make the number 13 with 3 of the same numbers and any operation?	12 If your friend has 7 coins that total $0.68, what are the coins?
13 Is a 3 gallon pitcher large enough to hold 25 pints of juice? Explain.	14 What is the sum of 4 of your friends' heights? What is the difference in tallest and shortest?	15 List 3 materials that can be measured in mm.	16 I am a number less than 50. When divided by 5, my remainder is 4. Who am I? Is there more than 1 correct answer?	17 The hall at my school is 378 pencil lengths. Use your ruler to measure your pencil. How long is the hall in feet and inches?	18 What is the smallest fraction you can make with 6, 7, and 1?	19 See if you can use three 5's and any operation to make the # 125.
20 Look in the classified section. Find the least/most expensive car. What is the range?	21 Trace your footprint on grid paper. Estimate the area and perimeter. Check.	22 List as many song titles as you can with numbers in them.	23 What movie was the best seller this summer? How much did it net?	24 We are 2 lines in the same plane, but we never intersect. Who are we?	25 You have 3 swimsuits and 4 pairs of sandals. How many possible outfits can you have?	26 Write a word problem whose answer is 28.5.
27 A coin showed tails 5 times in a row. What are the chances of getting heads on the 6th time?	28 A farm has cows and ducks. There are 78 feet and 27 heads. How many cows? Ducks? Explain.	29 A clock beeps the same # as the hour. How many times does the clock beep in 1 entire day?	30 If your friend is having a surprise party on the 100th day of the year, what date will it be?	31 Estimate, then check to see how long it would take you to walk 1 mile.		