

May 2005

Dear Parents and Students,

The teachers in the Teaching Excellence and Mathematics project worked together to create summer calendars with mathematics activities that reinforce what was learned in school this past year. We hope that you will enjoy doing these activities each day. Because calendar space is limited, some of the directions are abbreviated. Together you can make up any additional directions you need.

We also hope that you will read many books together this summer. Find books about numbers and shapes, about science experiments and famous people, and about special boys and girls. Keep a reading log; see if you can read one more book each week than you read the last week. You can create a graph to share with next year's teacher when you return to school.

At the end of the summer write a letter to your teacher and tell what you did over the summer. Let your teacher know what you did with the mathematics calendar and share the books that you read.

Have a great vacation!



Teaching 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.

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1 - Make number sentences that equal 10. (1+9=10)	2 – Play “What Time Is It?” Remember to work on time to the hour and ½ hour. Ask the time.	3 –Draw a picture using a square, a triangle, and a circle.	4 –List the ages of your family members.
5 –Estimate which is heavier a can of soup or a bar of soap	6 – Illustrate the number 18 with pictures, numbers, or words.	7- Ask mom or dad for some beans. Group the beans by fives. Count by fives to 100. Can you count by fives beyond 100? Try.	8 – There are nine birds at the bird feeder. How many legs are at the feeder?	9 – Order these numbers from least to greatest.  35, 87, 27, 12, 94,  12, 88, 65, 99, 13	10 – Draw a boy and a puppy. Tell how they are different and how they are the same.	11—Write odd numbers starting with 11 to 51.
12 –Make a list of object in you hose that are triangles.	13 – Make an ABBC pattern. Remember that a pattern should repeat at least three times.	14 –Draw and label these: Trapezoid, square, hexagon, and parallelogram.	15 – Extend this pattern. Tell what the 18 <sup>th</sup> shape is and how do you know XX # XX # XX #	16 – Show the number 25 with tens and ones	17 - Write the number for each. 2 tens and 4 ones 7 tens and 6 ones 5 tens and 8 ones 4 tens and 0 ones 9 tens and 9 ones	18 –Draw clocks to show what time you eat breakfast, lunch, and dinner.
19 –Measure the length of your bed using your feet	20 – Six children came to a party. There are 18 treats to be shared equally. How many will each child get?	21 – Write numbers to 100	22 – Write to 100 by tens. Using number words and numerals	23 – James saw fifteen sails on the lake. If each boat had three sails, how many boats did James see?	24 – Ask mom to let you sort the groceries into cylinders and rectangular prisms. Now help mom put them away.	25 –Write even numbers starting with 14 to 48.
26 –How many wheels are on the bikes and cars at your house?	27 – Make number sentences that equal 15. Ex: (10+5=15)	28 – Use magazines, and newspapers to find patterns, ask if you can cut them out and make a chart of patterns?	29 – Draw a square and a triangle. Tell what is the same and different about the two shapes.	30 – What was the first <u>day</u> of June? What was the last <u>day</u> of June? Circle odd dates red Circle even dates blue		

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					1 – July 4 <sup>th</sup> is what day of the week? Make patriotic patters on this July Calendar	2 –Was it hotter yesterday or today? What were the temperatures
3—Count backwards from 50 to 1. Write these numbers.	4 – Illustrate the number 100. Use numbers, pictures, or words.	5 – Ten people are in the swimming pool. How many feet and how many hands are in the pool?	6 – Count to 98 by 2's. Hint: Group your beans or pennies by twos to help you count.	7 – Play Is It Time Yet? ( Hour @ half hour) Child tells time and ask question) It is 11:30. Is it time for lunch yet?	8 –Write the months of the year. Tally the birthdays of people in your family	9 –Write odd numbers starting with 51 to 99.
10 Write a story problem for the sum of $9 + 4$ .	11 – What is the date of the last day July?	12 – What is the sum of $9 + 9$ ? Write a number story.	13 – Make a list of objects in your house that are spheres	14 - How many eggs are in a dozen?	15 – You are having a picnic. Five people will eat one hot dog each, three people will eat two hot dogs each, Uncle Jim will eat three. How many hot dogs do you need to get?	16 –Write even numbers starting with 52 to 98.
17 How many fingers are in your family? How do you know?	18 – Order these numbers in order from least to greatest.  66, 43, 22, 76, 13, 99, 23, 35, 11, 7,	19 – Make an ABCC pattern with shapes, colors, or actions. Ex. clap, jump, stomp.	20 – Draw a circle, a trapezoid, and a triangle. Tell which shape does not belong and why?	21 – What will be the date five day from today?	22 – Use your beans or coins and show these numbers. 4 tens and 2 ones 6 tens and 8 ones 3 tens and 0 ones 9 tens and 3 ones	23—Show 50 cents three different ways.
24 Ask 10 family & friends their favorite ice cream Record your data.	25 – You have twelve toys. You give seven toys to a friend. How many toys do you still have? Show your thinking with numbers, pictures, and words.	26 – Sit outside and use tally marks to record the number of birds that you see in ten minutes.	27 – What shape is a soda can? Tell three things about the shape. Make a list of objects in your house that are cylinders.	28 – How many days are in the month of July? Name another month that has the same number of days.	29 - Play Is It Time Yet? ( Hour @ half hour) Child tells time and ask question) It is 7:30. Is it time for bed yet?	30 How many toes are in your family? How do you know?
31 How many eyes and ears in your family?						

# 1<sup>st</sup> Grade

# August 2005

Prepared by TEAM II

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1 – Make number sentences that equal 13. (13+0=13)	2 – How many months are in a year? How many days are in a week?	3 – You share fifteen cookies equally with four friends. How many cookies did the 5 people get?	4 – Show the number 47. Use numbers, pictures, or words.	5 – Draw a doll and a teddy bear. What is the same about the two items?	6 Grocery Store Math: Count the objects in your shopping cart
7 Watch your favorite television show. Tally the number of commercials.	8 - What is the last day of August? How much longer until your birthday?	9 – Order these numbers in order from least to greatest.  78, 32, 54, 21, 49, 43, 87, 45, 15, 13	10 – Make an ABCCD pattern. Repeat at least three times.	11 – Your family went to the zoo. They saw 10 animals. How many legs? How many tails?	12 – How many Saturdays are there in the month of August?	13 Grocery store Math: Estimate the number of bananas in the display
14 –Ask 10 people to name their favorite dessert. What did you learn?	15 – Write the number. 4 tens and 6 ones 9 tens and 3 ones 2 tens and 5 ones 8 tens and 7 ones 1 tens and 0 ones	16 – Extend this pattern and rename it.  ***##**##**##	17 – You have 10 M @ M candies and you give your sister 3 of them. How many do you have left? Write a number sentence to represent the problem	18 – You have three pennies and one nickel. How much money do you have?	19 – Today is Friday the 19 <sup>th</sup> . What will the date be in six days?	20 Grocery Store Math: Estimate the number of gallons of milk. Count the gallons. What is the difference?
21 What date will it be in 2 weeks?	22 – What shape is a basketball? Tell two things about that shape.	23 – Write a story that 8 + 6 will solve	24 – Say the months of the year and the days of the week in order.	25 – 5 children make kites. Each kite has 3 knots in the tail. How many knots are there?	26 – How many days until the last day of September?	27 Ask 10 people their favorite sport. Record your data. What did you learn?
28 How many apples are there in one half of a dozen?	29 – Draw these shapes and label them. Parallelogram, square, trapezoid, and hexagon.	30 – Draw the sun and a star. Tell how they are alike and how they are different.	31 - Play Is It Time Yet? ( Hour @ half hour) Child tells time and ask question) It is 2:30. Is it time for lunch to go swimming?			