

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.

Pre-K

June 2005

Prepared by TEAM II

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1 Look around your home for things that are red. How many things did you see?	2 Count to 10 slowly. Count to 10 quickly.	3 Take a walk outside and look for blue things on the ground. Count how many you saw.	4 Play your favorite game with your family.
5 Look at a favorite book or magazine to find things that are green. How many did you see?	6. Go on a "Number Hunt" around your neighborhood. What numbers did you find?	7 Make a snack using foods that are orange. How many orange items did you use?	8. Make a number picture. Look in old newspapers and magazines to find your numbers.	9. Do you have any clothes with yellow in them? Wear yellow today.	10 Find some rocks. Put them in groups of 3.	11 Draw a picture using different shades of purple. Talk about what you drew.
12 Count things in your house What did you count?	13 Make a rainbow salad. Try using bananas, grapes, blueberries...use real fruit or draw.	14 Set the table. Count the forks, spoons and knives. How many are there in all?	15 Find 3 sticks. Put them in order from shortest to longest.	16 Make "Trail Mix". Use 2 pretzels, 3 raisins, 4 cheerios and 5 chocolate chips.	17 How many spoonfuls will it take for you to eat your cereal? Count your spoonfuls.	18 Put a puzzle together.
19 Read the numbers you see on license plates. What numbers can you find?	20 What numbers do you see in the grocery store? Read 5 different numbers to your family member.	21 Have someone put things in a bag. Reach in, feel and guess what is in the bag. Take them out and check.	22 Look for shapes in books or magazines. What shapes do you see?	23 Cut out pictures of circles can you draw a circle?	24 Have a family member choose a # 1,2,3,4 or 5. Have them give you clues to help you guess the #.	25 Take a short walk with your family member. What shapes did you see?
26 Practice drawing shapes in sand.	27 Can you find any circles, triangles, rectangles, and squares in foods at the grocery store?	28 Use sidewalk chalk and draw a large, medium and small circle.	29 Cut paper to make a book about triangles.	30 Find a book about numbers. Read with a family member.		

Pre-K

July 2005

Prepared by TEAM II

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					1 Look for patterns in a magazine. Cut out the patterns.	2. Play <i>Head Shoulders, Knees and Toes</i> . Can you find a pattern?
3 String wooden beads or pasta into a simple pattern. Can you make another pattern?	4 Sing songs that rhyme and repeat. <i>Twinkle, Twinkle, Little Star, One Two Buckle My Shoe</i> , etc.	5 Sort containers into groups by size or container..	6 Help sort laundry. Sort the clothes by colors. Sort the by who wears them.	7 Have a family member clap and snap a pattern. Can you repeat the pattern?	8 Find a book about animals. What is the largest one you read about?	9 Find 10 rocks in your yard. Put them in groups of 2.
10 Explore your yard. Can you find critters that are smaller than a bee?	11 Explore your yard. Can you find critters larger than a bee?	12 How many critters can you find in your yard. Size doesn't matter.	13 Draw a picture of critter houses using rectangles and triangles.	14 Put puzzle together. How many pieces did you have in your puzzle?	15 Play with different size cups in the bathtub. What do you notice?	16 You and a friend stand on one foot. Time each other. Who can stand longer?
17 Find something that is the same size as your shoe. What did you find?	18 Pull out some pots and pans. Place them inside, beside, and under each other.	19 Ask a family member to mark your height on a wall. How tall are you?	20 Tell your family member what you will do <i>after lunch, before dinner and before bedtime</i> .	21 Draw a small, medium and large square using sidewalk chalk.	22 Count the light switches in your house. How many did you count?	23 How many jumping jacks can you do in one minute?
24 Count your toes and fingers.	25 Use strings to show a square and a triangle.	26 Go on a "Number Hunt". What comes in threes?	27 Name 3 people taller than you Name 3 people shorter than you.	28 Count the number of steps from your bedroom to the bathroom.	29 Find 5 different length sticks arrange by length	30 How far can you go in 10 big steps?
31 How many pets do you have?						

Pre-K

August 2005

Prepared by TEAM II

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1. Walk around your house 5 times.	2 Make a book about colors. What is your favorite color?	3 What do you do to get dressed? What comes first? Next? Last?	4 Find 3 things that are about as long as your arm.	5 Do you have any clothes with blue in them? Wear blue today.	6 Look for numbers in a store. What is the largest number you know?
7 Use cereal and crackers to create a pattern.	8 Count the crayons in your crayon box. How many do you have?	9 Name 5 words that rhyme with "mill"	10 Find 5 different leaves. How are they alike? Different?	11 In the kitchen find a circle, rectangle, and square.	12 How many letters are in your name?	13 Look out your window for colors. What colors do you see?
14 Make a collage. Look in old newspapers and magazines to find your numbers.	15 Find 10 steps go up and down 5 times	16 How many different shapes can you find on floors in your home?	17 Use sidewalk chalk and draw a large, medium and small rectangle.	18 Use forks and spoons to create a pattern. Repeat the pattern 3 more times.	19 Put a puzzle together. How did the shapes of the pieces help you?	20 Read a book with someone what happened First? Next? Last?
21 What do you do before lunch? After lunch?	22 What comes in twos? Name things.	23 How many wheels are on a car? Bike? Tricycle?	24 Play with different measuring cups in the sink. What is different about the cups?	25 Find 5 things that will float. Find 5 things that will sink.	26 How many glasses of water did you drink today?	27 Count how many shoes your family members have on.
28 Draw a picture of your family from tallest to shortest.	29 While riding in a car or walking down the street, what shapes of signs do you see?	30 Count the windows in your house. How many are there?	31 Read a book about numbers or shapes.			