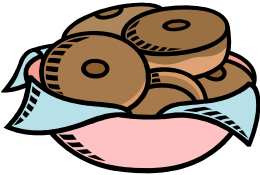




Mathematics Family Letter, Unit: 5 Number Patterns

Dear Family,

Our class is starting a new unit in math about number patterns. We will be working on skip counting by 2's, 5's, and 10's, forwards and backwards, to and from 100. Students will also use informal strategies to share objects equally, build number patterns (including concepts of even and odd), and break apart numbers as tens and ones to introduce place value.

BENCHMARKS/GOALS	EXAMPLES											
Equal Sharing	<p>There are 4 people in your family. There are a dozen doughnuts for breakfast. How many do you each get?</p> <div style="text-align: center;">  </div>											
Determine what numbers are odd or even	<table border="1"> <tr> <td style="text-align: center;">Odd</td> <td style="text-align: center;">Even</td> </tr> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> <tr> <td style="text-align: center;">3</td> <td style="text-align: center;">4</td> </tr> <tr> <td style="text-align: center;">5</td> <td style="text-align: center;">6</td> </tr> <tr> <td style="text-align: center;">7</td> <td style="text-align: center;">8</td> </tr> </table>	Odd	Even	1	2	3	4	5	6	7	8	
Odd	Even											
1	2											
3	4											
5	6											
7	8											
Skip Counting	<p>2,4,6,8,10... 5,10,15,20...</p>											

Related Activities to Try at Home

The activities suggested below are related to the mathematics in our new unit. Doing them with your child can enrich his or her mathematical learning.

Counting Feet Read How Many Feet in the Bed? By Diane Johnston Hamm, and talk about the mathematics in the book. Pose questions such as: "How many feet are on this page? How did you figure that out?" Then ask your child to figure out how many feet are in your family. You can extend this conversation by asking about how many eyes, toes, ears, etc. Feel free to add more people and pets! "What if Grandma and her dog came over, then how many eyes would there be?"

Counting by Groups Find examples of things that come in groups and ask your child to figure out how many objects or items there are altogether. The book What Comes in 2's, 3's and 4's?, by Suzanne Aker, can provide you with some ideas. You and your child can make up some problems to share. "There are 3 children riding tricycles in the park. How many wheels in all?" or "There are 4 dogs on the street. How many paws?"

Even or Odd Using pennies or buttons, have your child determine if a number is even or odd. Divide a given number of pennies evenly among all family members; if each person has an equal number, it is even. If there are any pennies left, it is odd.

Math and Literature

You can find the following books in your local library and read them together.

Aker, Suzanne. What Comes in 2's, 3's and 4's?

Anno, Mitsumasa. Anno's Counting House

deRuberts, Barbara. Count on Pablo

Hamm, Diane Johnston. How Many Feet in a Bed?

Harris, Trudy. 100 Days of School

LeSieg, Theo. Ten Apples Up on Top!

Miranda, Anne. Monster Math

Sayre, April. One is a Snail, Ten is a Crab

Schlein, Miriam. More Than One

Slater, Teddy. 98, 99, 100! Ready or Not, Here I Come!

Sloat, Teri. From One to One Hundred

Sturges, Philemon. Ten Flashing Fireflies

Sincerely,

The First Grade Team