



Dear Families,

As you have probably noticed from the Home Links, a variety of topics are included in the *Kindergarten Everyday Mathematics* program. During the past few months, our class has begun a journey through six mathematical strands with activities such as the following:

**Number and Numeration** Children count every day in different ways and from different numbers—by 1s; forward and backward; and by 5s and 10s. Children have had lots of practice with reading and writing numerals and with comparing numbers through daily routines, games, and other activities.

**Operations and Computation** Children explore addition and subtraction through concrete activities, games, and number stories. They are encouraged to develop multiple strategies for solving addition and subtraction problems. Counting using fingers or other objects is still very acceptable and useful!

**Data and Chance** Children collect, organize, and display classroom data through the daily Weather, Temperature, and Survey Routines. They also work with data and graphing in activities such as graphing dice rolls. We have talked a bit about probability by describing the likelihood of events using formal and informal language such as *certain*, *definite*, *possible*, *impossible*, and *unlikely*.

**Measurement and Reference Frames** Children began with direct comparisons of the size of two objects and then moved to using manipulatives and their own feet to measure the length of various items. These experiences with nonstandard measurement units and tools lay groundwork for understanding the need for standard units of measure, which children are beginning to use. In addition, children have been learning about coins and their values, time periods (day, week, and month), and temperature measures.

**Geometry** Children explore 2- and 3-dimensional shapes through manipulatives—such as pattern blocks, attribute blocks, and building blocks—and through games like *I Spy*.

**Patterns, Functions, and Algebra** Children have been identifying, creating, and extending sound, movement, and color patterns. They have explored number patterns on our Growing Number Line and Class Number Grid. Children have also explored sorting objects according to a variety of attributes.



This list is just a small sampling! Every day children are engaged in a variety of experiences that are fun and meaningful and are designed to develop skills in a broad range of mathematical topics.