

# Full Day Early Learning-Kindergarten

This program provides children with the support they need to develop independence, confidence and competence in learning as well as a sense of security and respect for diversity.

## Learning About Math -- Just Makes Sense.

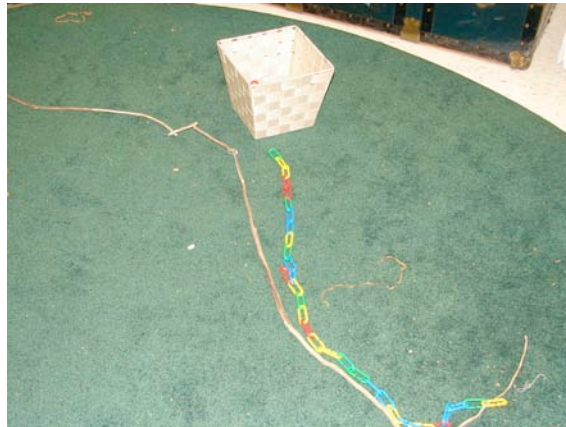
- Children count, measure, weigh, pattern, and sort materials daily.
- Teachers and Early Childhood Educators invite children to find and solve mathematical problems.
- For example, children learn about shapes as they build, count forwards and backwards as they add and take away, compare sets of items for similarities and differences, use coins to purchase items in a store they have built, use units to measure the length of a found object, and make patterns as they create with art materials.
- In small groups, children learn mathematical strategies.
- Children represent their thinking using pictures, numbers and words.
- Sometimes the questions children have about natural occurring events, like finding root on the playground, are the starting points for learning mathematics.

**Young children are motivated to solve real-life problems.**



**Children pose mathematical questions and find a variety of solutions.**

*The children find a root on the playground and are amazed by how big it is. How long is this root? How can we measure it?*



*With an adult, they brainstorm and try a variety of measurement tools. By using interlocking rings and by counting they find that the root is longer than 32 rings.*

**Children learn to show their mathematical ideas.**

