**Introducing Building Blocks Math Curriculum!**

**Hello DCPS Pre-K Families!**

We hope you're feeling excited about the upcoming school year! We are excited to share with you information about some upcoming changes to our Pre-K curriculum. Starting in the 2023-2024 school year, we will be introducing the **Building Blocks** math curriculum in all of our Pre-K classrooms. Below we will answer some commonly asked questions about this curriculum.

**Why Math?**

Children who develop a strong foundation in math during the early childhood years are more successful in math throughout elementary school and beyond. They also perform better in literacy and other important skills during elementary school. **In other words, early mathematical thinking and learning impact children's success in math, literacy, and other academic subjects.**

**Why Building Blocks?**

*Building Blocks* helps children develop their early math skills through hands-on, playful learning experiences. We believe that math is not just a subject to study but a part of everyday life, so we're making sure it's woven into your child's daily experience.

A DCPS Pre-K scholar exploring “part-to-whole” relationships with her play-dough pizza. Part-to-whole discussions support children's early concept of fractions.
Building Blocks math curriculum is aligned with the DC Early Learning Standards and covers six distinct areas in math learning.

Your Pre-K student will explore:

**Number Sense:**
We have fun activities planned to help children understand numbers and how they relate to each other. It’s like laying the foundation for their future math success.

**Operations:**
We want to build a strong base for more complex calculations in the future.

**Data Analysis and Classification:**
We’ll dive into the world of data, teaching your kids how to collect, organize, and interpret information. They’ll become super analytical thinkers.

**Patterns and Algebra:**
We’ll explore patterns, sequences, and relationships, which are like puzzles that make math even more exciting. It’s the groundwork for future problem-solving!

**Measurement:**
Get ready to discover size, weight, length, and volume! Your little ones will learn about measurements and how they apply to real-life situations.

**Geometry:**
Through hands-on experiences and exploration, children will develop spatial reasoning skills and learn about shapes and their special features.

**Will Building Blocks be the only curriculum used?**
No! At DCPS we believe in whole-child learning, especially during the early childhood years. Our Pre-K classrooms are designed to develop children’s language, literacy, social-emotional skills, and other skills through playful activities. Building Blocks also takes a "whole-child" approach by incorporating classroom centers, interactive teacher-led activities, pretend play, catchy songs, and awesome stories to create an environment that's math positive!

Curious about the research behind Building Blocks? Visit: learningtrajectories.org to learn more

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