



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: *1*

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: *3*

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: *4*

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: *5*

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: *6*

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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