

DC Public Schools: Revolutionizing Education through Innovative Programs and Partnerships

When Chancellor Kaya Henderson announced the 5-year ‘Capital Commitment’ plan in 2012, a new era began in the 111 schools within the nation’s capital. District of Columbia Public Schools administrators and teachers set on a path to find new tools to provide every student with academically challenging and inspiring learning experiences.

Enter, ST Math. According to John Rice, DCPS Director of Educational Technology, Secondary Schools, ST Math stood out among technological competitors because of its success in urban, metropolitan districts like LA and Detroit. Funding from Hyundai, Verizon, Capital Group and the ST Math School Grants Program helped bring ST Math to DCPS.

ST Math’s focus on teaching conceptual understanding of math through its unique visual learning method helps teachers cover more material and facilitate deeper learning among students. Equally important, DCPS students show excitement and a positive attitude toward math. Rice has seen how kids love learning on ST Math and how they are showing that they can responsibly own their learning.

The impact of increased student engagement and deeper math understanding shows clearly in the results of the district’s first year of PARCC testing. A 2015 analysis of math scores of 1,477 third to fifth graders at 22 DCPS campuses fully implementing ST Math found those schools achieved a 7.0 percentage point advantage in students meeting or exceeding PARCC standards.

The ST Math Advantage

2015 PARCC Assessments Grades 3-5

More students achieved the highest proficiency levels

+7.0%

For grades using ST Math, 7.0 percentage points more students achieved the highest PARCC math proficiency levels (Met or Exceeded), compared to similar grades not using ST Math.

Less students scored at the lowest proficiency levels

-6.4%

For grades using ST Math, 6.4 percentage points fewer students were left at the lowest math proficiency levels (Partially Met or Failed to Meet) of PARCC proficiency standards, compared to similar grades not using ST Math.

* Matched baseline math scores taken from 2012



District of Columbia Public Schools



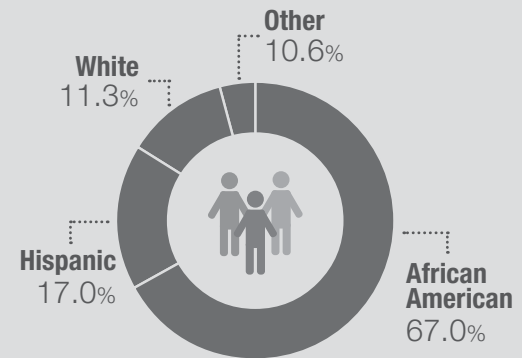
K-8
ST Math
Grades



47,548
Students



76.0%
Free/Reduced
Lunch



To see the full story, visit:
bit.ly/DCPSSSTMath

Thank you to our partners for helping bring ST Math to DCPS:



“Our partnership with MIND Research Institute and DC Public Schools brings a proven program in Spatial-Temporal (ST) Math so that more children have the problem solving and reasoning skills necessary for success.”

—Zafar Brooks, Director of Corporate Social Responsibility and Diversity Inclusion, Hyundai Motor America