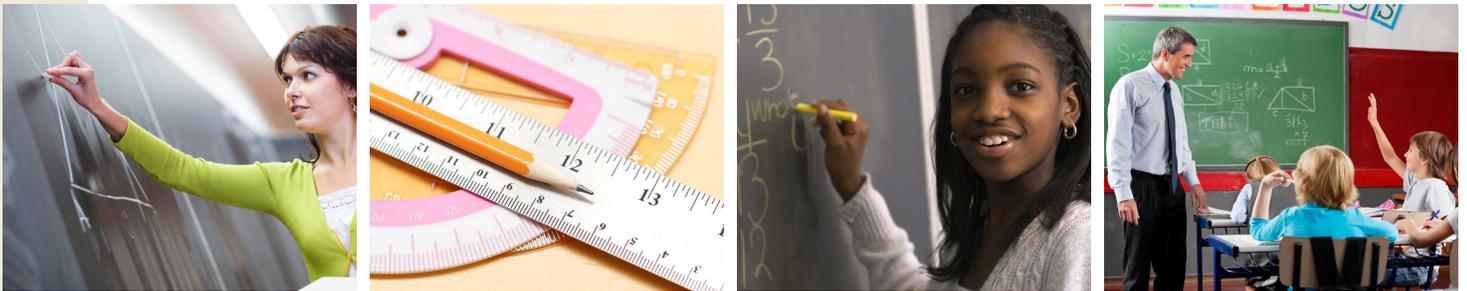


# High Quality Mathematics Instruction for ALL K–5 students!

## Does your school or district want to...

- » Increase mathematics achievement for students in grades K–5?
- » Reduce the opportunity gaps between general and special education students?
- » Improve teachers' ability to support struggling learners in mathematics?
- » Help teachers adopt student-centered approaches for rigorous mathematics?
- » Build a culture of collaboration between general and special education teachers?

## PARTICIPATE IN THE MATH FOR ALL PROFESSIONAL DEVELOPMENT PROGRAM



### Proven to improve mathematics achievement of students with and without disabilities

#### What is the *Math for All* professional development program?

*Math for All* is a professional development (PD) program designed to assist schools as they implement high-quality, standards-based mathematics education for a wide range of learners, including those with disabilities. The program helps schools build the foundation for collaboration among general and special education teachers as they work to improve mathematics instruction for all students. *Math for All* helps teachers:

- deepen their understanding of how to assess students' strengths and needs,
- identify possible barriers to students' engagement with mathematics learning experiences, and
- implement a variety of instructional strategies and teaching practices that draw upon students' strengths in order to overcome the obstacles and provide access to the mathematical concepts.

*Math for All* provides members of a school community with a shared framework and tools to plan and implement rigorous, student-centered instruction. While our focus is on mathematics, the kinds of skills that teachers are learning will also be valuable for other content areas. School leaders will ensure the long-term impact of this program as they work together with their teachers as an essential part of the program.

#### What will your school gain from participation?

- Receive professional development and resources for up to 25 teachers (a \$25,000 value) and one year of school-based follow-up support (an additional \$25,000 value). The cost of PD materials and facilitators will be covered by a grant.
- Enhance your teachers' capacity to help students with different strengths and needs reach their learning potential in mathematics and to implement high-quality, rigorous mathematics instruction for all students, including those with disabilities.
- Help teachers meet their professional development requirements for licensure and enhance the quality of your teaching staff.
- Build a collaborative culture among your faculty and in particular among general and special education teachers.
- Build leadership capacity among teachers to facilitate ongoing professional collaboration and instructional improvement.

Developed by a team of special education and math educators from Bank Street College of Education and Education Development Center (EDC), with funding from the National Science Foundation, *Math for All* builds on research on best practices in professional development. Extensive research in urban, suburban, and rural school districts across the U.S. have shown the program's impact for positively affecting teacher and student outcomes.

## Format of the *Math for All* PD

*Math for All* consists of five full-day professional development sessions and related assignments (a total of 40 hours of professional development) carried out at regular intervals throughout the school year. Each of the five sessions involves learning of new content as well as lesson planning time that will allow teachers to take new ideas directly back to the classroom. This application of the learning incorporates ongoing work that teachers carry out in their classrooms. *Math for All* is NOT tied to any specific K–5 mathematics curriculum. Rather, it helps teachers to use and adapt their existing mathematics curriculum to make it more accessible to a wide range of learners.

## What are the requirements for participating schools?

- Recruit teams of general and special education teachers who teach math (at least one team per grade level) within the K–3 or 4–5 grade span. Each team should be responsible for a shared group of students and for planning math together.
- Provide release time for teachers to participate in 40 hours of professional development conducted during the school year.
- Have at least one school leader or instructional support staff (e.g., coach, curriculum coordinator) participate in the professional development.
- Provide common lesson planning time for general and special education teachers as part of their regular school schedule.
- Be prepared for a phased implementation. Half of the schools will receive the *Math for All* professional development for teachers in grades K–3 first, and the other half will receive it for teachers in grades 4 and 5 first.

## What is the time commitment?

We are currently recruiting schools and school districts for participation during the 2019–2020 and 2020–2021 school years. Schools need to commit to two years of participation.

## What will teachers be expected to do?

- During 2019–2020, teachers will participate in 40 hours of professional development sessions and related assignments, which will be held at regular intervals throughout the school year.
- During 2020–2021, teachers will participate in five lesson planning meetings and complete related work with the members of their school-based teams and their *Math for All* facilitators. The meetings will be conducted during common lesson planning time at their schools.
- All teachers in grades K–5 will be invited to participate in research activities (interviews, surveys, logs) for approximately four hours per year. Teachers will receive a stipend for their participation in the research activities.

## What will school leaders be expected to do?

- During 2019–2020, at least one leader per school will participate in the professional development sessions and assist with the related assignments.
- During 2020–2021, school leaders will participate in five lesson planning meetings with the members of their school-based team(s) of teachers. School leaders will co-facilitate these meetings with the *Math for All* facilitators.
- School leaders will be invited to participate in research activities (interviews, surveys) for approximately two hours per year. School leaders will receive a stipend for their participation in the research activities.



Please be in touch with **Dr. Babette Moeller** ([bmoeller@edc.org](mailto:bmoeller@edc.org), 212-807-4205) if you are interested in working with us or have any questions.

For more information about Math for All, please visit our website: [www.mathforall.cct.edc.org](http://www.mathforall.cct.edc.org)