

All TOP MATH UP students receive:

- A Wifi Notebook with Microsoft Office
- An internship placement in a carefully selected Bronx school
- Books and materials for school-based Professional Development
- Mentoring by licensed teachers

What is the TEACH Grant?

*Teacher
Education
Assistance for
College and
Higher Education*

The TEACH Grant

- *Provides funds to students who are completing or plan to complete coursework that is required to begin a career in teaching and who agree to teach full time for at least four years:*

- As a highly-qualified teacher
- At a school serving low-income students
- In a high need field

For more information about the TEACH Grant; <https://teach-ats.ed.gov/ats/index.action>

**Touch the future
Inspire tomorrow's leaders
Explore math pedagogy!**

TOP MATH UP Partners

Lehman College, a Bronx-based, Hispanic-Serving Institution.
New York City Department of Education, Host schools PS 1, 55, 58, 73 and 114 are committed to increasing student achievement in the South Bronx.
Educational Testing Service, to provide research-based professional development and induction support to a consortia of urban host schools and pre-service teachers to impact student achievement.
Bronx Net, a local cable network, to develop digital educational content to enhance and sustain pre-service training.
Research for Better Schools is an external evaluator who oversees the accurate implementation of the TQP Grant. They also assure that the appropriate research protocols are followed.
New York State Ed Dept (SED) awarded CUNY Lehman College a Graduate Level Clinically Rich Teacher Preparation Pilot Program grant in the amount of \$810,000 serving 50 students.

Contact Information

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Teacher Quality Partnership- MATH-UP
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Teacher Quality Partnership MATH UP

The TQP Mathematics Achievement with Teachers in High-needs Urban Populations program targets college seniors with interest and competency in mathematics who have a desire to teach mathematics at the elementary school level. MATH-UP participants will engage in a one-year internship in a South Bronx school while taking courses (48 credits) toward a BA/MSED in Childhood Education with a specialization in mathematics and/or with a certification extension in bilingual Education {if qualified}. You will be placed in a Bronx school and provided two years of mentoring and professional development through proven programs and support.

MATH UP

Funded by the United States
Department of Education through a
TQP Grant to
Lehman College of the
City University of New York

Program Overview

TQP MATH-UP focuses on achievement of more than 18,750 South Bronx students in grades 1 through 6 by preparing 125 childhood educators who are:

- *Diverse and represent the communities of the Bronx*
- *Content strong in Mathematics and Literacy*
- *Able to use data to drive instruction*
- *Highly qualified*
- *Inspired to make a long-term commitment to remain in teaching*



Program students will receive extensive support throughout their preparation, professional development and induction years as beginning teachers through an innovative and replicable model of teacher preparation in a 5th year program that is content-enriched, school-focused, learner based, and integrated with professional development and induction.

Students will be prepared to differentiate instruction for students who speak languages other than English and who have special learning needs by integrating assessment knowledge and skills from complementary resources in teacher preparation, professional development and induction.

Key Program Components

A 5th year BA/MSED program of study with a year-long clinical experience/ internship in the host schools.

Keeping Learning on Track (KLT) is a sustained, interactive professional development program that supports teachers to adopt minute-to-minute and day-by-day *assessment for learning (A/L)* strategies.

The ETS Math Challenges (MC) are age and grade appropriate constructed-response tasks with multiple steps that cover key mathematical skills or concepts aligned with common core curriculum standards.

The 5th year TQP MATH-UP teacher preparation program begins in the senior year as students complete their undergraduate studies and graduate with baccalaureate degrees in one of the liberal arts and sciences.

The TQP MATH-UP program of study comprises two summers and one full academic year of graduate study, resulting in initial and professional certification in childhood education (grades 1 - 6) with an optional certification extension in bilingual education.

Eligibility and Application Process

- Passing a minimum of 3 (9 *credits*) college-level math courses with a B average
- A cumulative GPA of at least 3.25 by baccalaureate attainment (requirement for TEACH grant eligibility)
- Step 1- Submit completed application to Carman B26
- Step 2- Interview with Student Coordinator
- Step 3- Complete MATH UP Competency Exams

Program of Study

Spring 1

- ECE 301:** The Child in Context: Child Study and Development—Birth to 6 (3 cr)
- ECE 302:** Child, Family, Community and Schools in Sociocultural Contexts—Birth to 6 (3 cr)
- EDE 715:** Learning/Teaching Mathematics in Childhood Settings - Grades 1 to 6 (3 cr)
- EDE 716:** Learning/Teaching Art in Childhood Settings- Grades 1 to 6 (3 cr)

Summer 1

- EBS 701:** Issues in Bilingualism (3 cr)
- EDE 621:** Introduction to Reading (3 cr)

Fall 1

- EDE 738:** Learning and Teaching Literacy in Bilingual/Bicultural Childhood Settings - 1 to 6 (3 cr) **OR**
- EDE 713:** Literacy in Childhood Settings -1 to 6 (3 cr)
- EDE 739:** Learning/Teaching Social Studies in Bilingual/Bicultural Childhood Settings - 1 to 6 (3 cr) **OR**
- EDE 714:** Learning/Teaching Social Studies in Childhood Settings -1 to 6 (3 cr)
- EDE 717:** Learning/Teaching Science in Childhood Settings - Grades 1 to 6 (3 cr)
- EDE 740:** Studies in the Teaching of Elementary Mathematics, Advanced course (3 cr)

Spring 2

- EDS 707:** The Childhood Student with Disabilities
- EDE 744:** Practicum in Developing Remedial Programs for Children Experiencing Difficulty in Learning Mathematics (3 cr)
- EDE 758:** Intensive Teaching Internship & Seminar I (3 cr)
- EDE/EDC 727:** Teaching English as a Second Language Pre K- Grade 6 (3 cr)

Summer 2

- EDE 718:** Learning and Teaching Music in Childhood Settings - 1 to 6 (3 cr)
- EDE 757:** Ethics and Professionalism in Childhood Teaching (3 cr)