



Our Mission

The mission of The Stem Academy is to create a nurturing environment of academic excellence. We recognize the needs of the whole child. As a school, our goal is to promote the commonality in our diverse population, in order to instill self-respect and respect for others. Our commitment to parents, students, and to the community is to develop self-thinking, creative, productive, confident citizens to meet the challenges of the 21st Century.



Accelerated Science Program



- Interactive activities to support inquiry-based learning
- Research techniques using the Globe Program
- Atmospheric studies

using garden, greenhouse & weather station

- Partnerships with The Bronx Botanical Garden, Alley Pond Environmental Center, Alley Pond Park and Fort Totten Park Rangers facilitate studies of ecosystems resulting in project-based learning



The P.S. 85Q TekKids Lab

- Students meet technology ideas head-on!
- Fully equipped technology lab
- Technology aligned with curriculum
 - Video making
 - Podcasting
 - Distance Learning
 - Video Streaming
 - Blogging
 - Smartboards for interactive learning
 - Classroom clickers



for active learning

- Wireless laptops in every classroom



The Renzulli Program

- Supports the differentiating and individualizing of instruction
- Project-Based Learning
- Enhances interests and learning profiles
- Maximizes learning for advanced learners.



Accelerated Mathematics Program

- Development of higher order thinking skills

through the integration of math literature, writing and technology

- Curriculum Compacting ensures a rigorous, accelerated and enriched program
- G.Polya's Five step problem solving model
- Challenging, differentiated lessons based on interest, ability, and learning styles



Balanced Literacy Program

- Provide opportunities for product differentiation, such as debates, plays, performances, videos
 - Multi-disciplinary teaching in reading and writing through challenging texts including **Junior Great Books.**
 - Complex topics, problems



and issues are explored during Literacy Workshops to develop advanced reading, writing, listening and speaking.



Arts Education Program

- Music and the Brain Keyboard Program
- Band
- Orff instruments
- Annual Dance Festival
- Kids Arts Fair
- Talent Shows
- Musical Performances



(Artists-in-Residence)

Supports Blueprint for the Arts/Visual Arts which includes: mask making, painting, drawing and puppetry, art appreciation. Making connections through visual arts.





Enrichment Clubs

- **Robotics:** Lego-League Competitions
- **Children's garden**
- **Green house**
- **Chess in the Schools**
- **Music:** Keyboards, band, violin
- **Theater/Drama**
- **PAL Sports4Life After School Program**
- **Technology/Podcasting/Video-+making**



Physical Education

- Integrating motor skills and kinesthetic learning
- Alignment with National Association for Sport and Physical Educational Standards



- **Mighty Milers Walk/Run Program** in partnership with the New York Road Runners Club



Parent Involvement

- Parent-School partnership through parent workshops, classroom celebrations and student performances



- School website www.ps85q.org

- **ARIS Family Portal:** Parents access child's educational information
- **Monthly Breakfast with the Principal**
- **Awards Night:** Parents are invited to celebrate student achievement monthly



Community Partnerships

Junior Achievement
Trust for Public Land
NY Cares
LEAP
Inside Broadway
Asphalt Green
Music and the Brain



Our Instructional Leaders



- Engage all learners with differentiated instruction
 - Authentic assessment is utilized in order to individualize instruction
 - Provide continued opportunities for curriculum acceleration
- Align instruction with National Association of Gifted Children Standards



The STEM Academy at P.S.85 Queens

23-70 31 Street, Astoria, NY 11105
718-278-3630

“Where Every Child Blossoms!”



**Science
Technology
Enrichment
Math**



Dr. Philip A. Composto, Superintendent
Ann Gordon-Chang, Principal
Maria Samolis, Assistant Principal

“Recognizing the genius in every child!”

