2016 ALGEBRA PLUS SUMMER ACADEMY

July 6, 2016 — August 9, 2016
Monday — Friday
8:15AM — 4:00PM
Boston, MA

LOCATION
Northeastern University Campus
MBTA T Stations nearby:
Ruggles Station (Orange Line)
or
Northeastern Station (Green Line)

AGES
MathPOWER’s Summer Academy is open to students entering grades 6, 7, 8, or Algebra I, Algebra II, or Geometry in Fall 2016.

COST: Only $705 total for 5 weeks!

**WE OFFER FINANCIAL ASSISTANCE TO QUALIFIED FAMILIES**

Don’t let the cost keep you from applying!

APPLY TODAY!

To Apply and For More Information, Please Visit Our Website at:
www.mathpower.neu.edu/2016summeracademy

Or Contact Kevin Nelson at MathPOWER at:
E-Mail: kevin@mathpower.us
Phone: 617-373-5934

PROMOTING THE LEARNING OF ADVANCED MATHEMATICS IN URBAN SCHOOLS

We help Students Achieve Confidence in Mathematics through:
♦ Project-Based Classroom Learning
♦ Community Service-Learning
♦ Social Power Skills!
♦ Mathematical Practice Standards
MATHPOWER ALGEBRA PLUS SUMMER ACADEMY DAILY OVERVIEW

July 6th — August 9th
Monday — Friday
8:15AM — 4:00PM
Northeastern University
Boston, MA

MORNING CLASSES: 8:15AM - 12:30PM
These classes are taught by a certified math teacher and supported by at least two teaching assistants for a very low educator to student ratio.

Sixth Grade Sneak Peek
Make sure you are ready for Grade 6 Mathematics! Instruction will focus on problem solving strategies for working with whole numbers and fractions. While reinforcing grade 5 concepts/skills, our program provides a head start on grade 6 mathematics.

Seventh Grade Sneak Peek
Do you know how to change fractions to decimals to percents? Our classes will reinforce those 6th grade concepts/skills, as well as provide you with efficient strategies for problem solving and give you a head start on grade 7 pre-algebraic concepts and skills.

Eighth Grade Sneak Peek
Can you use variables? Key algebraic concepts/skills will be explored using a hands-on approach. A review of key 7th grade concepts will prepare you for formulas and mathematical models used in regular 8th grade math.

Algebra I Sneak Peek
This summer, we will strengthen your overall math foundation and help you to improve your understanding of key algebraic concepts like linear relationships and properties of numbers. Enrollment is limited to students who plan to take Algebra I in the Fall.

Algebra II Sneak Peek
Major concepts and skills from Algebra I will be reviewed to serve as a foundation for Algebra II. A peek of basic Algebra II concepts/skills will also be given.

Geometry Sneak Peek
Major concepts and skills from prior geometric/algebraic studies will be reviewed as a basis for preparing you for your high school Geometry class. In addition, new high school geometric concepts and skills will also be introduced.

CLUB ACTIVITIES: 1:00PM - 4:00PM

College and Careers Club
Come spend a week exploring your future and taking steps towards your dreams as you research career options that fit your unique personality, tour a variety of college campuses and workplaces within the Boston area, and talk to local students to get a glimpse into what college life is really like.

Service Learning Club
Do you get upset when the T is late, feel distressed when you see someone being bullied, or feel frustrated when you forget, over the summer, what you learned during the last school year? In this three week club, you will work with a group of your peers to harness the power of math and to propose a solution to a problem within your community. Work with local partners to actually see your ideas come to life!

STEAM (Science, Technology, Engineering, Art, & Mathematics) Clubs
During one week of the Academy, you will also have the opportunity to participate in two 90-minute STEAM-related clubs, including Engineering, Coding, Cooking, and Art.