

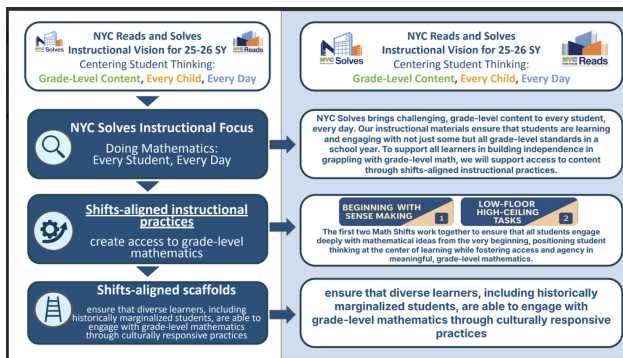
Brooklyn North High Schools

Family Newsletter on Imagine IM

Edition: November 2025



NYC Solves Instructional Focus



We envision a mathematics learning experience where:

- ❖ Students are empowered to make sense of mathematics both in the classroom and beyond including developing mathematical thinking and regularly engaging in mathematical collaboration and discourse;
- ❖ Teachers facilitate instruction that is student-centered, inquiry-based, coherent and in an environment that fosters belonging and high expectations; and
- ❖ Content provides opportunities for students to engage in productive struggle with cognitively

demanding, mathematical concepts that are connected to one another and the world around them.

What math concepts are students working on right now?

Algebra 1

- Unit 2: Linear Equations and Systems
 - September 29 - November 3
- Unit 3: Two-Variable Statistics
 - November 5 - November 24

Algebra 2

- Unit 3: Rational Functions and Equations
 - October 23 - November 10
- Unit 4: Complex Numbers and Rational Exponents
 - November 12 - December 9



Geometry

- Unit 2: Congruence
 - October 27 - November 26

Where can I find useful resources?

- Get familiar with NYC Solves HQIM: [NYC Solves Official Website](#)
- Imagine Learning Family Support: The Family Support Hub ([Imagine IM K-8 \(v. 360\)](#) | [IM K-12](#)) has links to resources including family support materials for each grade and course.
- [Learn at Home Supports](#) List of math programs to support independent learning, in school and at home.

Tips on helping your child with math:

Do More of...	Avoid Doing...
<p>Do be patient with your child while doing math. This can be difficult when your child is struggling, you are busy trying to do other things, and their homework is due. When you remain calm, you can help your child persevere through the challenge.</p> 	<p>Avoid showing agitation or frustration when your child is working on mathematics. Experiencing anxiety when kids don't understand is inevitable, but rarely leads to a breakthrough. It can be better to take a short break than to increase the stress of the moment.</p>
<p>Do try to provide materials for your child to use to help with math. You can purchase them or even create them with materials at home. Some basic materials could be counters, color tiles, Unifix cubes, etc.</p> <p>One place to find homemade math materials is: https://www.theoldschoolhouse.com/5-simple-homemade-math-manipulatives/</p> <p>You can also encourage your child to use virtual manipulatives.</p> 	<p>Avoid giving your child the message that using physical objects to understand math is a crutch or only for young children. Acting out the mathematics and using your hands to learn is a crucial part of learning, and even professional mathematicians use objects when working out a new idea.</p>



Fun & Engagement:

Student & Classroom Highlights:

- Student of the Month (Math Star): Recognize effort, curiosity, or creativity.
- Classroom snapshots: Photos or blurbs showing students collaborating on a challenging IM task.
- Project or competition highlights: Math contests, Pi Day events, math modeling challenges, etc.
- Senior spotlight: Students pursuing math, engineering, or data science in college.

- **Math puzzle or riddle of the month:** Families can solve together.
- **Pi Day, Math Week, or themed events:** Announce upcoming celebrations.
- **Career corner:** Spotlight jobs that use math (data analyst, architect, software engineer).
- **Math in the real world:** Articles about math in sports, music, design, or environmental science.

Teacher & Department Features:

- **Meet the Math Team:** Introduce teachers with short bios or “fun facts.”
- **Professional learning updates:** Share what the department is doing to stay current (IM training, conferences).

Important Dates & Reminders:

- Upcoming tests or benchmark assessments
- Tutoring schedules
- Registration info for next year’s math courses
- Math club or competition sign-ups

We value your feedback:

Your engagement and input are important to us as we strive to improve and serve you and your child better. If you have suggestions, questions, issues with access or noticed something that could be enhanced, we’d love to hear from you!

feedback@k478.org

