

Dear PS 29 Families,

I'm excited to share with you that the next few months at PS 29 are filled with math enrichment opportunities for our students!

Our hallway **Problem of the Week** bulletin board has been up and running for several months now. These boards are located on the 4th floor, next to the gym, and on the 5th floor, between Room 509 and 510. Students in grades K-5 are invited to take a problem from the Problem of the Week board, work on it when they have extra time, and return it to the board later that week.

Math Enrichment Cycles

Kindergarten's math enrichment will take place in each Kindergarten class. Over the course of 4-5 sessions per class, held between March and May, students will be introduced to Esti-Mysteries, estimation puzzles that build number sense and early number skills; Kanoodle, a game that builds spatial skills; Tiny Polka Dot game, which builds number recognition and counting skills; and a variety of STEM building toys (Keva planks, MagnaTiles, straws and connectors, etc.) during STEM choice time centers.

1st, 2nd and 3rd Graders will have the opportunity to participate in **lunchtime math clubs**. These sessions take place during lunch and recess, one day a week, for three consecutive weeks. All students will be offered the opportunity to participate in their grade's lunchtime math club; teachers will collect a list of interested students, and any students who are interested will have the chance to either attend a lunchtime session, or engage with the activities during a special choice time in their own classroom. The activities introduced during lunchtime math club have been specially selected because they foster perseverance, problem solving, STEM-related skills, and joy!

- **1st Grade** will learn beginning coding skills using Code + Go Robot Mouse.
- **2nd and 3rd Grade** will be introduced to several different math/STEM related games and puzzles, including Kanoodle, Adsumudi, Set, and the Tiny Polka Dot game.

This year, we are piloting a [Math Olympiads](#) program for our **4th and 5th Grade** lunchtime math club! Classroom teachers will explain the concept of Math Olympiad to students and offer them the opportunity to complete a few problems similar to the types we will work on in the club. Those students who are interested and excited about working on challenging problem solving will be able to attend Math Olympiads during lunchtime sessions in April and May. Please note that because this is a pilot, we will not be entering into actual competitions this year, but hope to expand into a full Math Olympiads program next year.

If you're interested in bringing any of the math games, puzzles and toys we'll be exploring into your lives at home, [here is a list](#) of them, with links. If you have other math-related games your family loves to play, I'd love to know about them! Feel free to email me (kvanduzer@ps29bk.org) or set up an appointment for my Math Coach Office Hours, every Friday from 9-10 am via Zoom.

All the best,

Kim Van Duzer
PS 29 Math Coach