

Dear Students and Parents,

Welcome to Math 6e. For those who do not know me, I am Aneta Iordanova, and I'm excited to begin another year of exploring the beauty of mathematics with you.



Math 6 is the sixth course in School Nova's math sequence. This year, we will study a variety of topics across mathematics: logic and logical expressions, the foundations of set theory, combinatorics, ruler-and-compass constructions, coordinate geometry, and new topics from algebra, such as sequences. We will also review and build on topics from Math 5, as our main goal is to strengthen your ability to think logically and creatively and to continue developing your problem-solving skills. To make learning even more engaging, we will hold "math battles," where teams compete to solve problems and earn points.

Getting Started – Zoom and Google Classroom

Our live Zoom meetings will be held every **Wednesday at 6:30 p.m. ET**. Our Learning Management System is Google Classroom. An invitation to join Google Classroom will be sent to the Student's School Nova email. Be sure to accept it, as I will post the Zoom meeting link, the class calendar with the meeting days, and all class materials, including homework, there.

- When you join Zoom, use your preferred student name. Your camera must be on, and your microphone must be muted unless you are speaking. Please join at least five minutes early so we can begin on time.
- Problem sets we will use in class, including homework, will be posted on Google Classroom. If you miss a class, check Google Classroom for the notes. If you expect to miss more than one class in a row, please notify both me and the School Nova administration.
- **Supplies:** A folder, a notebook or loose-leaf paper, a pen, a pencil, and a dark marker, such as a Sharpie. Quadrille paper is recommended for graphing. We will also need a ruler and a compass.
- **Device:** You will need a device with a working camera and microphone. Headphones with a microphone are highly recommended. A touchscreen device, such as an iPad or tablet, is ideal for displaying your work or for use if you do not want to write on paper.

Homework and Assessments

Homework will be assigned weekly and posted on both the School Nova website and Google Classroom. Homework is not optional because it is essential for reinforcing what we learn in class. Please submit your completed homework through Google Classroom each week.

Some problems may be challenging, but please do your best and present a solution or your best attempt for every problem. Do not write on the assignment page; use loose-leaf paper and write your full work clearly, with explanations, so another student can understand every step of the solution. Once you have finished, take a picture of your work and upload it. Be sure to write your name at the top of the first page. Parents are welcome to help, but please provide hints rather than direct answers.

Although this class will not use traditional letter grades, I will provide feedback on your homework. We will also have several assessments throughout the year, including a final assessment to evaluate your readiness for the next level of mathematics.

Questions and Help

Communication is not limited to class time. You and your parents are welcome to contact me with questions by emailing iordanova@schoolnova.org or by leaving a private comment in Google Classroom. I check both daily. If you encounter a technical issue, such as a lost internet connection, please check the Google Classroom stream for an update. I will always communicate any changes and schedule a makeup class if necessary.

Thank you for choosing School Nova. I look forward to working with all of you!

Sincerely,
Aneta Iordanova