

Dear parents of the Math 6b class,

My name is Niraj Aryal, and I am pleased to welcome you to this new school year at SchoolNova. I hope you had a great summer and are ready to go back to learning math.

Parents are welcome to join the class, but please be quiet and avoid using your phones during class. Take a seat towards the back.

Homework: Homework is assigned weekly and is super important—not optional! Try your best to tackle all the problems. It's okay if you can't complete them all; an incomplete solution is better than nothing.

Parents, please encourage your child to do their homework independently, but if they get stuck, you can help them.

Write it neatly on quadrille paper with enough detail for us to understand your process. You can use math notations; a few words are fine, too, but no essays, please! Do not write submit your homework on the homework assignment page.

I will try my best to upload pdf file containing homework and a brief review of the concepts and formulas covered in the class by Sunday evening. This should give both parents and students enough time to complete homework.

Supplies: Your child will need quadrille paper (for submitting homework), a folder, and a pencil case with essentials like pencils and erasers. You're free to organize in your preferred way, but at a minimum, bring paper, a pencil, and your completed homework if assigned.

What we will cover: We will start with math review and cover various topics which are mentioned below (not in exact order). We will also have a couple of math battles and quizzes and occasional reviews.

Please don't hesitate to email me at aryal@schoolnova.org about anything related to the course.

Syllabus (Not in exact order)

- **Algebra: Algebraic Identities, Factorization etc.**
- **Logic and logical expressions**
- **Set theory**
- **Arithmetic and Geometric sequence**
- **Combinatorics: permutation, number of subsets, etc.**
- **Basics of Probability**
- **Geometry and Ruler-Compass construction**