

Dear Math 7 students and parents,

Welcome to a new year at SchoolNova! My name is Gabriel and I will be the teacher of this Math 7 class. I am from Brazil and now I live here in Stony Brook, where I am working on my PhD research. My area of interest is theoretical condensed matter physics. This means that I try to model and calculate properties of materials, especially new phases of matter and quantum materials.

I hope you are as excited as I am. SchoolNova is a great project, a privilege I wish I had growing up. This year, specifically, we will be studying many topics that are just so present in every type of calculation we do that they will someday become second nature to you, like a language you can speak. Some of these are how to deal with algebraic expressions and solve equations and inequalities, how to translate the picture of a geometry problem into a trigonometric equation and back, how to calculate and estimate probabilities, and how to work with vectors.

We will meet on Sundays at 9:15am in Harriman 116. Please don't hesitate to reach out to me at cardoso@schoolnova.org. See you tomorrow!

Best regards,
Gabriel Cardoso
Math 7b and Math 10 teacher