



summerprogramin
mathematical
problemsolving

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Algebra 1 Online Course

What: Take the challenge and get ahead! Algebra 1 is the gateway to all future math, and you're ready for it. Our class will give you the preparation you need to take the Algebra 1 Regents Exam at the end of the year.

All students who do the homework for the first two weeks will get the *Introduction to Algebra* book for free (from Art of Problem Solving). We will help everyone who completes the course to sign up for the Regents exam.

This class will be very fast: we will cover a full year of material meeting just once a week! You must do the homework and reading. We'll use the advanced Art of Problem Solving curriculum, and you'll do serious math: they'll be harder problems than you would see in school and you will learn why the math is true, not just how to do it.

How: You must first sign up for the class at:

<http://www.artofproblemsolving.org/spmps/2013/alg1-signup.html>

Make sure you have tested your username and password.

On class days, log in at least ten minutes before the class. On every page, there will be a banner at the top where you can click to join the class. You can also move your mouse over "School" and go to "Classroom".

When: Sundays 4pm-5:30pm, beginning January 12. The full list of dates is in the calendar (on the next page).

Where: Since the class is online, you don't need to be anywhere special. If you don't have a computer with internet at home, see below.

Questions and Answers

Should I take this class if my school offers Algebra 1?

You might still want to take it. Like at SPMPs, we will show you *why* things are true and help you to really understand the math. You will also learn to do harder questions that will help you with more difficult high school and college math classes.

What if I don't have a computer with internet at home?

You can use public libraries to get to the class. Both the Mid-Manhattan Library and Bronx Library Center are open during all our class times. Talk to a librarian about getting a computer for an online class that runs an hour and a half. You might be able to use one of their desktop computers, or they might give you a laptop to borrow.

How much time will the class take?

Class will run an hour and a half each Sunday. You'll also need to do about five hours of homework each week. The homework will be interesting, and a bunch of it will be on Alcumus (which you used this past summer).

What if I can't make the class time?

Still sign up! You can read the transcripts online and do the homework, which is the most important part.