

## Testimonials

“William has made a tremendous difference in my son's life! William uses a fantastic curriculum that challenges kids and makes them love math at the same time. My son is very passionate about mathematics and William was the ONLY person we were able to find in NYC who was willing to find the appropriate approach for a 7 year old. We have taken 3 years worth of courses so far. William focuses on skills and teaches problem solving methods so that kids can succeed in the future. It's not just about getting the right answer. After 3 years, my son has improved dramatically! Thanks to William and his individualized approach, my son will be taking pre-Calculus in 5th Grade! He has also placed nationally for the past 3 years in the Kangaroo Math Competition...”

*Elina K., parent*

“Mr. William is one of the most professional tutors I have ever met. Before Computing Wisdom, I joined many tutoring centers throughout Manhattan. But they all lacked a sort of concept: Explaining to the students. Most tutoring centers will use the most traditional method to boost your scores, by drilling. However, if one doesn't understand the topic well enough, it is just a foolhardy journey. The course that I took was the Geometry course. Geometry taught at my school was just by memorizing theorems and postulates. But Mr. William actually took the time to prove said theorems to me making me understand the subject better. It is this sort of step that he takes that other tutors don't that actually makes a difference in our learning experiences. I would recommend this tutor to those out there in search for the best math learning experience.”

*Roy L., student*

“Mr. William is a sophisticated math tutor, and I've been training with him for almost two years now. His classes have brought me through elementary school and placed me as one of the students with the highest math grades in my classes. Through his training, I had been accepted to NEST+m. He has also helped me get into Hunter College High School with his intense Hunter Test Prep. I have also been accepted to Trinity School, which I will attend next year. I am happy that Mr. William has been backing me up these years, and without him, I won't be who I am now.”

*Brian L., student*

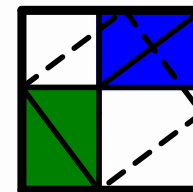
## About Us

**Computing Wisdom** is a specialized math learning center. It is conveniently located in Downtown New York City, across from Century 21 on Broadway, a few blocks away from both Fulton Street Subway Station and World Trade Center Transportation Hub. It offers 2nd–12th graders after-school, weekend, and summer math programs, namely *Competitive Math*, *Math Olympiad*, and *Test Prep*. Instructions are conducted in both **traditional in-person and virtual online classrooms**. It also offers short courses *Hunter Math Prep* and *NY Statewide Math*. In addition, it provides *Private Tutoring* for individuals and groups in math and test prep.

**William Chau** is the President of Computing Wisdom. He is a mathematics instructor/tutor with extensive classroom teaching and private tutoring experience in the areas of gifted math programs, math competitions, and admissions & standardized tests prep in math.

William has an extensive education background in STEM. He holds three master's degrees, namely M.S. in Operations Research from Columbia University, M.S. in Mathematics from Courant Institute at NYU, and M.S. in Computer Science from Stevens Tech, and two bachelor's degrees in Computer Science/Mathematics and Electrical Engineering. Some of the honors/accomplishments he received during his school days include:

- Top participant of the William Lowell Putnam Undergraduate Mathematical Competition
- First place in the New York City Interscholastic Mathematics League Competition, Senior B Division
- Winner of the Wisconsin Mathematical, Engineering and Science Talent Search
- Captain of his high school math team
- 99<sup>th</sup> percentile (170/170) on GRE Quantitative Reasoning



## Computing Wisdom Specialized Math Learning Center 智算學院

*In-person & Online Programs  
Free Assessment Test  
Early Registration, Referral,  
Sibling, and Multi-Course  
Discounts*

1 Maiden Lane, 10th Floor

New York, NY 10038

(near Fulton Street Subway Station  
and WTC Transportation Hub)



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## Programs & Schedules

Course	Grades	Sessions x Hours
Fundamentals 2 AB/CD	2–3	18 × 2.5
Fundamentals 3 AB/CD	3–5	18 × 2.5
Fundamentals 4 AB/CD	4–6	18 × 2.5
Fundamentals 5 AB/CD	5–7	18 × 2.5
Prealgebra A/B	6–8	18 × 2.5
Algebra A/B	7–9	18 × 2.5
Geometry A/B	8–10	18 × 2.5
Algebra 2 & Precalculus A/B	9–11	18 × 2.5
Precalculus A/B	10–12	18 × 2.5
Calculus A/B	11–12	18 × 2.5
Introductory Math Olympiad A/B	4–8	18 × 2.5
Junior Math Olympiad A: Algebra B: Number Theory C: Geometry D: Counting & Probability	7–10	18 × 2.5
Senior Math Olympiad A/B	9–12	18 × 2.5
SHSAT Math / SHSAT Math Advanced Practice	7–8	18 × 2.5 / 1 × 4
SAT Math	8–12	18 × 2.5
SAT Math Level 2	10–12	18 × 2.5
SAT Physics	9–12	18 × 2.5
Hunter Math Prep	6	4 × 2.5

Term	Period
Summer (6 weeks)	July – August
Fall (18 weeks)	September – February
Spring (18 weeks)	February – June
NY Statewide (1 week)	NYC Spring Recess Week

## Competitive Math Program, Math Olympiad Program

**Competitive Math** is an accelerated enrichment program in math targeted at gifted/high-achieving 2nd–12th graders. The program consists of 21 courses. Each course lasts for 18 sessions with 2.5 hours in each session.

This is a very challenging program. The topics we covered are much broader and deeper than those found in a typical math curriculum. Besides developing critical thinking and problem-solving skills in math, the program provides students with a solid understanding of mathematical concepts and exposes them to a variety of challenging math problems.

There are 8 lower-level courses applicable to 2nd–7th graders: *Fundamentals 2-5 AB/CD*. These courses provide a curriculum that is both rigorous and complete as well as engaging and entertaining.

There are 13 upper-level courses applicable to 6th–12th graders: *Prealgebra A/B, Algebra A/B, Number Theory, Counting & Probability, Geometry A/B, Algebra 2 & Precalculus A/B/C, and Calculus A/B*. These courses provide a curriculum that is necessary for success at math competitions, top universities, and competitive careers.

**Math Olympiad** is an intensive olympiad training program targeted at gifted/high-achieving 4th–12th graders who are interested in preparing for major math competitions, such as *CML, Math Kangaroo, MOEMS, MATHCOUNTS, NYCIML, AMC 8/10/12, AIME, ARML, and USAMTS*. Each course lasts for 18 sessions with 2.5 hours in each session.

Many top universities, including Caltech, CMU, MIT, Stanford, and Yale, ask for their applicants' math competition performances, among other information, in their college application forms. These Olympiad courses provide intensive training for students to maximize their scores in math competitions.

There are 8 courses in the program: *Introductory Math Olympiad A/B, Junior Math Olympiad A/B/C/D, and Senior Math Olympiad A/B*.

## Test Prep Program

**Test Prep** is an intensive test prep program.

There are 4 one-term courses in the program:

*SHSAT Math* is an 18-session and 45-hour intensive prep course for SHSAT Math.

*SHSAT Math Advanced Practice* is a 4-hour intensive prep course for SHSAT Math.

*SAT Math* is an 18-session and 45-hour intensive prep course for SAT Math.

*SAT Math Level 2* is an 18-session and 45-hour intensive prep course for SAT Subject Test in Math Level 2.

*SAT Physics* is an 18-session and 45-hour intensive prep course for SAT Subject Test in Physics.

We review all topics required for each of these tests. And, rather than presenting students merely facts and formulas, we focus on explaining them the concepts, methods, approaches, and big ideas.

Students will be able to attempt many review questions, sample test questions, sample tests, and real tests in each course.

We go over one or more efficient ways to solve each problem, explain test taking and problem solving strategies, and how to discipline yourself to maximize your score on each test.

There are also 2 short courses in the program:

*Hunter Math Prep* is a 4-session and 10-hour prep course for the math section of Hunter College High School Entrance Exam.

*NY Statewide Math* is a 4-session and 12-hour prep course for NY Statewide Math Assessment Test.