

NCLS Course Description: SAT Math Review

Course Name: SAT Math Review (Rm 220)
Suggested to the students in public school: Grade 9-11
Course Length: one year, Sunday 3:40-5:00 pm, 32 classes 2024-2025 Course Calendar
Digital Resource
Test Innovators SAT Prep Package VALEDICTORIAN ACCESS; No textbook is required this year
What You Need to Bring to Class
<ul style="list-style-type: none">• A notebook (to take notes)• A Scientific/Graphing Calculator• A laptop or Chromebook
Course Content (Practice List Here)
<ol style="list-style-type: none">1. Linear Equation in one variable2. Linear Equation in two variables3. Linear Functions4. Linear Inequalities5. System of linear equations6. Area & Volume7. Circle8. Lines, Angles, Triangles9. Right Triangle & Trigonometry10. Data Distributions11. Statistical Claims12. Samples & Margin of Error13. Percentages14. Probability & Conditional Probability15. Ratios, Rates, Proportions16. Two-Variable Data & Scatterplots17. Equivalent Expressions18. Nonlinear Equations19. Nonlinear Functions20. Digital Practice Tests 1-10
Teacher Information
<p>Ms. Lijia Li, M.Ed (Learning & Teaching, Instructional Leadership in Math) graduate from Harvard Graduate School of Education, transitioned from Shanghai High School International Division to a devoted math educator at Newton South High School. With expertise in AoPS (Geometry, Number Theory, Counting & Probabilities), Singapore Math, AMC, and SAT/ACT Math prep, she finds immense joy in witnessing her students' progress.</p> <ul style="list-style-type: none">• Teaching Blog: http://blog.newtonchineseschool.org/lilijia/• YouTube Channel: https://www.youtube.com/@Math.L• For any questions, please feel free to reach out to math.lijia@gmail.com
Expectations of the Students
<ul style="list-style-type: none">✓ Don't be afraid of making mistakes. Fix it, and learn from it:)✓ Be on time and be prepared.✓ Always make corrections after each assignment.✓ Show procedure/steps of thinking.✓ Collaborate and communicate with your classmates. You will benefit from it.✓ Work hard. Have fun!