

Newton Chinese Language School
Singapore Math
8th Class

Course Name	新加坡数学八班, Singapore Math 8 th Class
Class Name	新加坡数学八班, Singapore Math 8 th Class
Course Length	1 year (32 sessions of 80 minutes each)
Pre-requisite	Completed NCLS Singapore Math 7 th Class or Equivalent
Text Book	Singapore Math, Dimensions Math 8A/B Common Core ISBN: 978-981-4250-62-7 (8A) ISBN:978-981-4250-63-4 (8B)
Work Book	Singapore Math, Dimensions Math 8A/B Common Core ISBN: 978-981-4250-64-1 (8A) ISBN: 978-981-4250-65-8 (8B)

Dimensions Math Textbook 8A/B Contents

- Chapter 1:** Exponents and Scientific Notation
- Chapter 2:** Linear Equations in Two Variables
- Chapter 3:** Expansion and Factorization of Algebraic Expressions
- Chapter 4:** Quadratic Factorization and Equations
- Chapter 5:** Simple Algebraic Fractions
- Chapter 6:** Congruence and Similarity
- Chapter 7:** Parallel Lines and Angles in Triangles and Polygons
- Chapter 8:** Graphs of Linear and Quadratic Function
- Chapter 9:** Graphs in Practical Situations
- Chapter 10:** Pythagorean Theorem

Chapter 11: Coordinate Geometry

Chapter 12: Mensuration of Pyramids, Cylinders, Cones and Spheres

Chapter 13: Data Analysis

Chapter 14: More About Quadratic Equations