

<p><b>Cooperation Agencies</b></p>	<ul style="list-style-type: none"> <li>President of Mathematical Sciences Research Institute, International (Macau) Institute of Academic Research</li> <li>Distinguished Professor of American International Theism University; Associate Professor &amp; Senior Lecturer of Charisma University</li> <li>Mathematics &amp; Statistics Program Director of Chartered Institute of Training &amp; Development; Mathematics Curriculum Manager of Wahhar College</li> <li>Guest Master's Degree Lecturer of Hong Kong Metropolitan University; Guest Associate Degree &amp; Higher Diploma Lecturer of HKU SPACE</li> <li>Guest Bachelor Degree Lecturer of HK Adventist College; Senior Lecturer &amp; Mathematics Curriculum Manager of Pathway Education</li> <li>Chief Mathematics Teaching &amp; Curriculum Advisor of the Hong Kong Tutor Association (more than 150 thousand tutors)</li> <li>Head coach of the Hong Kong representative team at the International Hope Cup Mathematics Invitational (with &gt;20 million students participating in the past 30 years)</li> <li>Math. &amp; Math. Olympiad teacher in the HK Mathematical Olympiad Association, HK Multiple Intelligence Edu. &amp; Research Association, Pui Ching, &amp; MathsLab (obtained full marks in World Math. Olympiad Training Coach exam); Director of the Hong Kong Organizing Committee at the World Olympic Mathematics Contest</li> <li>"Star Mathematics Tutor" in Education Plus Centre; "King of Tutor" in Helios Education; "Chief Math Tutor" in Varsity Education</li> </ul>	<p><i>Prof.</i> <b>Mathewmician</b> <i>A Passionate Mathematics Educator</i></p>
<p><b>Academic &amp; Professional Achievements, Honors</b> (Rated as grade A by international accreditation bodies; &gt;10 international awards or honors)</p>	<ul style="list-style-type: none"> <li>D.Phil. in Mathematics, Charisma University; D.Phil. in Education, American International Theism University</li> <li>China Mathematics Olympiad Senior Trainer (Senior is higher than both 1st class &amp; 2nd class) &amp; trainer of the Mathematics Olympiad trainers</li> <li>World International Mathematics Olympiad Committee's Trainer (Senior Level); Awarded many times in mathematics competitions</li> <li>Master's Degree of Science in Mathematics for Educators, the Hong Kong University of Science and Technology (obtained the highest grade, which is A+, in many subjects of Mathematics, Probability &amp; Statistics)</li> <li>Master's Degree of Science in Mathematics Education, the Chinese University of Hong Kong (obtained the highest grade, which is A, in subjects of both Mathematics &amp; Mathematics Education)</li> <li>Preparing the questions, explaining &amp; judging for the National Mathematical Olympiad for University Students (the number of participations &gt; 5,400, and nearly 1,000 universities and colleges participated, e.g., Tsing Hua University, Peking University, Chinese University of HK, Macau University of Science &amp; Technology); Invited to prepare the questions for the high school level of the Junior Mathematical Olympiad (HK &amp; Macau Division) and judge for the Junior Mathematical Olympiad (HK Division); Invited to give lectures and judge for the International Hope Cup Mathematics Invitational (HK Division)</li> <li>Expert committee member of the International Mathematics Molding Contest for Higher Education (the number of teams participated is nearly 500, the number of universities participated is more than 300)</li> <li>Trainer of the World Association of Abacus &amp; Mental Arithmetic, provided Abacus &amp; Mental Arithmetic teacher training course to school; Created the calculation method of the 7th root of a number using the abacus and mental arithmetic, which is included in "Abacus and Mental Arithmetic Learning and Teaching Masterpiece"; Obtained championships in different competitions such as four operations</li> <li>Registered Teacher (Hong Kong Education Bureau); Postgraduate Diploma in Education, the Education University of Hong Kong (major in Mathematics Education; obtained excellent results in all related subjects)</li> <li>Bachelor's Degree of Science (Hons.) in Mathematical Science, Hong Kong Baptist University (obtained scholarship &amp; Dean's List many times)</li> <li>Obtained undergraduate degree offer in Mathematics &amp; Applied Mathematics by Sun Yat-sen University (ranked top 8 in China at the time of admission)</li> <li>AP Calculus &amp; Statistics: 5 (the highest grade; obtained in the 1st exam); SAT Math. Level 2: 800 (Full Mark) (obtained in the 1st exam); Pearson Edexcel International Advanced Level Mathematics, Further Mathematics: A* (obtained in the 1st exam; Mathematics: 600 (Full Mark), Further Mathematics: 600 (Full Mark)), both subjects are officially certified as having the highest scores in Hong Kong, China</li> <li>HKDSE Mathematics Compulsory, Module 1, Module 2 (Algebra, Calculus &amp; Statistics): 5** (the highest grade; obtained in the 1st exam)</li> <li>Collected plenty of students' public examination papers for analysis to gain insight into the marking criteria; Invited to provide training for teachers teaching high school public examinations</li> <li>Composed a thesis based on the global differences in Math. curriculums and was recommended; Recognized as an expert by LinkedIn Math. Edu., Stat., etc., and invited to provide insights for its column</li> <li>Invited to exhibit in various exhibitions, such as education expo, innovation exhibition, etc.; Held personal works and publishing exhibition</li> <li>Writing articles on math. edu. in newspaper, magazine &amp; research institute; Invited by Modern Educational Research Society to write high school math. challenging questions (&amp; was rated as "high quality")</li> <li>Excellent grades in all Data Science and Machine Learning courses at MIT; Criteria Cognitive Aptitude Test (CCAT): Top 1% of test takers; Winner of the Championship quiz covering Python &amp; Statistics</li> <li>Obtained IBM Data Science (the professional field combining Stat. &amp; Programming) Professional Certificate; Obtained Skill Badges: MATLAB, R, ...</li> <li>Accepted the invitations and participated in the academic exchanges organized by various groups, such as Harvard University, and participate in a panel discussion during Education 2.0 Conference</li> <li>Selected as Times Power Icons – Emerging Greatest Mathematics Educator by The Times Group (India's largest selling daily English-language newspaper)</li> <li>Obtained the Education 2.0 Conference Outstanding Leadership Award &amp; Visionaries Award ("Impact"), "Creative Thinking", "Leader Reputation", "Decisive Leadership", A)</li> <li>Awarded "Top Mathematics Educator" by IAOTF; Obtained dozens of letters of positive comments; Obtained many positive evaluations by students, parents &amp; schools; Awarded "Awesome Entrepreneur"</li> <li>Received several awards such as the Impact Leadership Global Awards – Mathematician of the Year 2024 Award, Outstanding Train the Trainers Award; Recorded a podcast on math. edu. for Passion Vista</li> <li>Interviewed by &gt;200 media (e.g., Times, Fox News); Respected as "Award-Winning Global Math Educator &amp; Men Leaders to look up to in" by Unified Brainz; Featured on the cover of Magnate View, CIO Today &amp; Passion Vista (a magazine with millions of readers); Respected as "The Most Powerful Educational Leaders to Follow" by CIO Times, featured on the cover and the cover story of CIO Times</li> <li>Respected as "Top 5 Remarkable Leaders in Education Making an Impact" by CIO Today, and stood out among the 5 winners from around the world, featured on the cover and the cover story of CIO Today; Awarded "World Class Mathematics Educator" in the following year; "Passionate Advocacy", "Inspirational Mentorship", and "Legacy Building" have been rated as 5-star (the highest grade)</li> <li>Obtained full marks in the test of using English to teach by Coursera; Was rated as a "Proficient User" on the CERF scale; Chinese Oral A; IVQ in Teaching, Training &amp; Assessing Learning, City &amp; Guilds</li> <li>Give talks on mathematics education to over 100 people for the Education University of Hong Kong Alumni Association, and to be a Keynote Speaker at Education 2.0 Conference</li> <li>Minor in Information Technology, good at using various IT tools to assist live &amp; instant video teaching; Respected as "Internet Personality" by Google Senior member of "Elite People Platform"</li> <li>Have taken several music education courses, including grade 8 music theory &amp; piano at the performance level, to promote the use of music to help students learn Mathematics (e.g., YouTube)</li> <li>Gifted Education, STEM, AI, Mnemonic, Counselling &amp; Dealing with Learning Disabilities (e.g., Autism Spectrum Disorder, Dyslexia) are involved</li> </ul>	
<p><b>Students' Achievements</b> (Include students studying in both on-site &amp; online modes)</p>	<ul style="list-style-type: none"> <li>Excellent results in Mathematics in public exams, students obtained offers in related subjects (master's and bachelor's degree), such as Mathematics, Electronic Engineering, Computer Science, Operational Research &amp; Statistics, by different prestigious universities</li> <li>Obtained 5**, 5* &amp; 5 in HKDSE Mathematics Compulsory Part &amp; the 2 Module Parts</li> <li>100% of students obtained grade 4 or above and grade 5 or above in HKDSE Mathematics Compulsory Part and Module 2 respectively in 3-year tutorial classes</li> <li>IGCSE Cambridge International Mathematics: A*, Additional Mathematics: A; GCE Mathematics: A*, Further Mathematics: A*; SAT Math. Level 2: 800 (Full Mark)</li> <li>Team Gold Award in Global Peak Challenge, International Hope Cup Mathematics Invitational; Gold Honor, Singapore &amp; Asian Schools Math Olympiad; Outstanding Award, Hua Xia Cup Final</li> <li>Gold Honor, Pan-Asia Pacific International Mathematics Invitation Competition Final; Champion, Junior Mathematical Olympiad (Macau Division)</li> <li>Gold Honor, Hong Kong &amp; Macau Mathematical Olympiad Open Contest; 1<sup>st</sup> Prize, King of Mathematics International Invitation Competition; Gold Honor, Mathconception</li> <li>Team Champion, Primary Mathematics Safari in Hong Kong; 1<sup>st</sup> Prize, Primary Mathematics Elite Competition; 1<sup>st</sup> Prize, Hong Kong Primary Mathematics Competition</li> <li>Champion in Creative Problem Solving, Hong Kong Primary Mathematics Competition; Gold Award, Hong Kong Mathematics Creative Problem Solving Competition</li> <li>International Mathematics Competitions &amp; Assessments for Schools (Australia) – High Distinction; Gold Honor, Asia International Mathematical Olympiad Open Contest Final</li> <li>Gold Award, Hong Kong Primary Mathematics Challenge Competition; Asia-Pacific Mathematical Olympiad – Gold Award</li> <li>..... (e.g. Passed the mental arithmetic test)</li> </ul>	<p>Primary school student obtained the highest grade in IGCSE, and the score is the top 10% of the highest grade</p> <p>The total number of subjects taught for master's, bachelor's, and associate degrees exceeds 100</p>
<p><b>Teaching Experiences</b> (Students range from preschoolers to the elderly studying for master's degrees)</p>	<p><b>Master's Degree or above</b></p> <ul style="list-style-type: none"> <li>Hong Kong Metropolitan University; Columbia Business School; Wahhar College Hong Kong</li> <li>Courses: Multivariate and Time Series Analysis, Abstract Algebra, Combinatorial Mathematics, EMBA's Managerial Stat., Principles of Risk Management, Teaching Strategies of Adult Learners, Big Data Analytics, Principles of Data Analytics, Risk Analysis &amp; Modelling, Research Methods &amp; Analytics, Intro. to Social Stat., Smart Transport, MSc Dissertation, ...; GRE, GMAT</li> </ul> <p><b>Bachelor's Degree</b></p> <ul style="list-style-type: none"> <li>Wahhar College Hong Kong; Andrews University &amp; Hong Kong Adventist College</li> <li>Courses: Math. on the Battlefields, Regression Analysis, Measurement Uncertainty, Reasoning with Functions, Decision Making Skills, Scientific Computing &amp; I&amp;II, Discrete Math., Number Theory, Intermediate Business Stat., Numerical &amp; I.T. Literacy, Spreadsheet-based Decision Making, Elementary Stat., Probability &amp; Stat., Stat. Concepts &amp; Ideas, Advanced Engineering Math., Advanced Algebra, Precalculus, College Algebra, Mathematics for the (Mis)Information Age, Business Calculus, Quantitative Methods Skill, Categorical Data Analysis, Linear Algebra, Toolkits for Policy Analysis, Linear &amp; Integer Programming, Statistical Methods and Theory, University Mathematics, Mathematical Analysis, Management Science, Business Logistics, Statistical Design and Analysis of Experiments, Research Methods &amp; Statistics for Psychology I&amp;II, Ordinary Differential Equations, University Physics, Interest Theory and Applications, Actuarial Science, Multivariable Calculus, Calculus with Application in Today's World, Quality Management for Science and Technology, Mathematical Methods in Economics, FYE, ...</li> </ul> <p><b>Associate Degree</b></p> <ul style="list-style-type: none"> <li>HKU School of Professional and Continuing Education; Wahhar College Hong Kong</li> <li>Courses: Mathematics and Statistics for Daily Life Applications, Understanding Statistical Data, Biostatistics, Introduction to Probability and Statistics, Regression Analysis, Critical Thinking, Understanding Society Through Statistical Reasoning, Quantitative Analysis I&amp;II, Data Structures &amp; Algorithms, Basic Mechanics, Engineering Mathematics, Operation Management, Quantitative Methods and Applications, Applied Statistics (Statistics for Business), Quantitative Methods in Geography, College Mathematics, Blockchain Technology and Applications, Business Intelligence and Data Mining, Linear &amp; Advanced Algebra, Mathematics for Computing, Computer Graphics, Discrete Mathematics, Sample Survey, Physics I, Critical Analysis and Reasoning in Discipline-based Studies, Social Research, Foundations of Data Science, Calculus, The Process of Science, Introduction to Data Mining, ...</li> </ul>	
<p>The total number of schools (secondary school, primary school, kindergarten) taught exceeds 70 (have taught students of different abilities)</p>	<p><b>Diploma</b></p> <ul style="list-style-type: none"> <li>HKU School of Professional and Continuing Education; Chartered Institute of Training and Development; Caritas Institute of Community Education</li> <li>Courses: Advanced Diploma in Mathematics &amp; Statistics; Advanced Diploma in MO, A&amp;M &amp; HS Mathematics Educator; Diploma Yi Jin – Maths. &amp; Maths Plus; ...</li> </ul> <p><b>Secondary School (&gt;30)</b></p> <ul style="list-style-type: none"> <li>GuangZhou NO.6 Middle School (Head of Mathematics); King's College; ShiMen Middle School; Queen Elizabeth School; Kowloon Technical School; St. Paul's School (Lam Tin); Lee Kau Yan Memorial School; Fanling Government Secondary School; Ho Ngai College (Sponsored by Sik Sik Yuen); Lok Sin Tong Yu Kan Hing Secondary School; The Church of Christ in China Ming Yin College; Christian Alliance S W Chan Memorial School; SALEM-Immanuel Lutheran College; Chang Pui Chung Memorial School; NLSI Lui Kwok Fat Fong College; Liu Po Shan Memorial College; ELCHK Lutheran Secondary School; SWCS Chan Pak Sha School; Yu Chun Keung Memorial College No.2; Tsuen Wan Government Secondary School; Buddhist Vip Kei Nam Memorial College; HKSVC &amp; IA Chan Nam Chong Memorial College; South Tuen Mun Government Secondary School; Church of Christ in China Mong Man Wai College; Caritas Yuen Long Chan Chun Ha Secondary School; Kwun Tong Kung Lok Government Secondary School; Buddhist Tai Kwong Chi Hong College; Experimental Campus of Shunde NO.1 Middle School; Sai Kung Sung Tsun Catholic School (Secondary Section); Madam Lau Kam Lung Secondary School of Miu Fat Buddhist Monastery; ...</li> <li>Courses: Math. (HKDSE Math. Module 1&amp;2, S1-S6 Compulsory, AP, STEP, Mat, GCE, IB, SAT, IGCSE, TSA, Oxbridge Math. Interview, IMO; Enrichment, Remedial), Math. Olympiad (S1-S6; for public &amp; competition (e.g., HKMO), Math. Thinking, Abacus &amp; Mental Arithmetic, Teacher Training, Time Management, Notes Making, Associative Memory Learning, Revision &amp; Exam Skills Training, ...</li> </ul> <p><b>Primary School (&gt;30)</b></p> <ul style="list-style-type: none"> <li>Rosaryhill School; Kowloon Tong School; St. Rose of Lima's School; Victoria Shanghai Academy; Bishop Ford Memorial School; SKH Yat Sau Primary School; Hoh Fuk Tong Primary School; PLK Lam Man Chan English Primary School; Castle Peak Catholic Primary School; SKH Mung Yan Primary School; Yan Tak Catholic Primary School; PLK Siu Hon Sun Primary School; SHK Tsing Yi Chu Yan Primary School; Kwun Tong Government Primary School; Alliance Primary School, Whampoa; Tin Shui Wai Catholic Primary School; Ka Ling School of The Precious Blood; Our Lady of China Catholic Primary School; Sha Tin Wai Dr. Catherine F. Woo Memorial School; SHK Ma On Shan Holy Spirit Primary School; Hong Kong Student Aid Society Primary School; Five Districts Business Welfare Association School; PLK Mrs. Chan Nam Chong Memorial Primary School; Hong Kong Southern District Government Primary School; Cumberland Presbyterian Church Yao Dao Primary School; Wai Chow Public School (Sheung Shui); H.K.T.A. The Yuen Yuen Institute Shek Wai Kok Primary School; St. John the Baptist Catholic Primary School; North Point Government Primary School (Cloudiview Road); The Mission Covenant Church Holm Glad No.2 Primary School; ...</li> <li>Courses: Math. (P1-6; TSA, P51), Math. Olympiad (P1-6; for public &amp; competition), Abacus &amp; Mental Arithmetic, Learn Math. by Stories, Robot, SEN, Problem Solving, Elite &amp; Teacher Training, ...</li> </ul> <p><b>Others</b></p> <ul style="list-style-type: none"> <li>Special School: Hong Chi Morninghope School, Tuen Mun (Primary &amp; Secondary)</li> <li>Kindergarten: New Generation English Kindergarten &amp; Nursery; Po Leung Kuk Ng Tor Tai Kindergarten; Chan Mung Yan Lutheran Kindergarten</li> <li>(Courses: Mathematics Olympiad; K2, K3; Abacus and Mental Arithmetic; K2, K3; Finger Mental Arithmetic; K2, K3; Mathematics; K2, K3)</li> <li>Education Centre, Others: Mathematics (HKDSE Mathematics Module 1, Module 2, S1-S6 Compulsory Part, P1-P6, Early Childhood, Mathematics Olympiad, Abacus &amp; Mental Arithmetic, World Class Tests – Mathematics, Problem Solving, HKAGE's Gifted Mathematics Program), Seminar, Talks on Mathematics Education, ...</li> </ul>	
<p><b>Published Books, Research, Inventions, Materials</b></p>	<ul style="list-style-type: none"> <li>Invented or improved several highly practical calculator programs; Invented "Zero-loop-hole System Math. Learning Method", "Automated Sequential and Efficient Math. Teaching System", ...</li> <li>"Mathematics Olympiad Masterpiece" series (Kindergarten, Primary 1 – 6, Junior &amp; Senior Secondary, &amp; Advanced Diploma; English &amp; Chinese Version); "Abacus &amp; Mental Arithmetic Learning &amp; Teaching Masterpiece" series (with teaching videos &amp; exercises; English &amp; Chinese Version; Collected in the library; Adopted as the designated teaching material for abacus &amp; mental arithmetic classes)</li> <li>Professional teaching materials in HKDSE Mathematics (Compulsory Part, Module 1 &amp; Module 2) (English &amp; Chinese Version), IGCSE Mathematics, SAT Mathematics, ...; "Usable College Statistics"</li> <li>Professional teaching materials in Junior Secondary, Primary &amp; Early Childhood Mathematics (English &amp; Chinese Version)</li> <li>"Mathewmician's Pedagogics Collection" (English &amp; Chinese Version; Hundreds of articles); Created multiple hierarchical teaching flow charts</li> <li>"Primary Mathematics Book Fair" (Since it is a bestseller, a new version is released; After the new version is released, it is recognized and collectively ordered for use by school teachers and students; Available at Hong Kong Book Fair, in many bookstores, libraries &amp; recommended by newspapers, teachers, parents, students, ...) with CHALLENGING Problems (Junior Primary, Senior Primary, Secondary; English and Chinese Version; Ordered and collected in the library)</li> <li>"Simple Mathematical Modeling for Permanent Financial Freedom and Permanent Debt Problem", "Bound Analysis of Recombine an Equally Separated Real Constant", "Calculate a Special Type Multiple Summation of Infinite Series by Using a Classical Expectation Problem", ...</li> <li>"Global Mathematics and Mathematics Olympiad Graded Assessment Test with Competition – Assessment Outline, Sample Paper, Marking Scheme"</li> <li>Teaching notes, exercises, tests &amp; exam papers for different Postgraduate, Undergraduate, Associate Degree &amp; Advanced Diploma Courses</li> <li>"Ideas &amp; Beliefs", "Mathewmician's Dictionary" (Integrate textbooks, exercises, and teaching into one!) ...</li> </ul>	<p>Readers come from &gt; 45 countries or regions</p> <p>Goal: To be recognized as the greatest math. educator</p>