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# **Global Mathematics and Mathematics Olympiad Graded Assessment Test with Competition**

“Global Mathematics and Mathematics Olympiad Graded Assessment Test” consists of separate assessments for Mathematics and Mathematics Olympiad. Currently, there are 16 levels, with each level corresponding to a grade. Participants of a certain age will participate in the "Global Mathematics and Mathematical Olympiad Graded Competition" simultaneously with the "Global Mathematics and Mathematical Olympiad Graded

Assessment Test". Here are the levels corresponding to each grade:

Our Grade	Corresponding Grade*	Who can participate the <b>assessment</b>	Who can participate the <b>competition</b>
3	G1	<b>Anyone</b>	6 years old or below
4	G2		7 years old or below
5	G3		8 years old or below
6	G4		9 years old or below
7	G5		10 years old or below
8	G6		11 years old or below
9	G7		12 years old or below
10	G8		13 years old or below

11	G9	<b>Anyone</b>	14 years old or below
12	G10		15 years old or below
13	G11		16 years old or below
14	G12		17 years old or below
15	Yr1		18 years old or below
16	Yr2		Anyone

\* The corresponding grades are available for reference. For actual assessment content, please refer to “Assessment Outline”.

Similar to music exams, there is no age restriction for participating in each level of assessment. This allows students with high mathematical aptitude to obtain certification quickly through assessment, while students with weaker abilities can take the exam after

sufficient preparation. The incentive of certification motivates them to perform better in the fundamentals.

In “Global Mathematics and Mathematics Olympiad Graded Assessment Test”, there are three levels of achievement certification in Mathematics:

Distinction	$90\% \leq \frac{\text{Your score}}{\text{Total score}} \leq 100\%$
Pass with Credit	$80\% \leq \frac{\text{Your score}}{\text{Total score}} < 90\%$
Pass	$60\% \leq \frac{\text{Your score}}{\text{Total score}} < 80\%$

In “Global Mathematics and Mathematics Olympiad Graded Assessment Test”, there are three levels of achievement certification in Mathematics Olympiad:

Distinction	$85\% \leq \frac{\text{Your score}}{\text{Total score}} \leq 100\%$
Pass with Credit	$70\% < \frac{\text{Your score}}{\text{Total score}} < 85\%$
Pass	$50\% < \frac{\text{Your score}}{\text{Total score}} \leq 70\%$

In “Global Mathematics and Mathematics Olympiad Graded Competition”, there are four levels of award certification in both Mathematics and Mathematics Olympiad:

Gold Award	Top 5% or below of contestants
Sliver Award	Contestants with the highest score of 10% or less after the Gold Award
Bronze Award	Contestants with the highest score of 15% or less after the Silver Award
Merit Award	Contestants with the highest score of 20% or less after the

	<b>Bronze Award</b>
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Among the contestants, the one with the highest regional score will receive the “GMMO Champion (Regional)”, and the one with the highest score in the world will receive the “GMMO World Champion”.

Furthermore, we **do not** require participants to achieve a passing grade or above in previous levels or to have participated in previous level assessments, in order to participate in subsequent levels.

“Global Mathematics and Mathematics Olympiad Graded Assessment Test” offers both physical and online tests. Since our assessment is global in nature, it is difficult to establish physical test centers in every country and region. One of the reasons for setting up online

exams is to accommodate individuals from countries or regions where test centers cannot be established. Another reason is that online exams have lower costs, making them more affordable for more people.

Online exams require candidates to keep their cameras and audio on, and the entire process must clearly display the candidate's appearance, the test paper, and the desktop. The computer or phone screen will be monitored, and candidates are not allowed to use online searches. Additionally, the entire exam will be video recorded, and if there is evidence of any violations, the candidate's results will be invalidated. On the other hand, the transcript and certificate will indicate the mode of the exam, whether it was taken physically or online, for reference.

## Frequently asked questions

What are the differences between the assessments for Mathematics and Mathematics Olympiad?

1. The Mathematics assessment covers the mainstream mathematics taught in schools, which everyone should learn. The Mathematics Olympiad assessment mainly covers knowledge beyond school mathematics and is similar in scope to other Mathematics Olympiad competitions. It is more challenging than mathematics and is suitable for individuals with a high mathematical aptitude.
2. In the Mathematics assessment, some questions require showing the solution process, while in the Mathematics Olympiad assessment, only the answer needs to be



written, similar to other Mathematics Olympiad competitions.

Each school already has its own mathematics exams, and many countries have their own public exams, so why do we still need to establish a public assessment?

1. Each school's test papers are different, making it impossible to have a fair assessment for all students.
2. Having teachers design and assess exams for their own students creates conflicts of interest, so there should be a third party responsible for the assessment.
3. Existing public exams mainly aim to select students for university entrance and focus mainly on the high school level, lacking proper stratification.
4. There is currently a lack of competitions

that mainly assess school mathematics, which would allow candidates to have a clearer idea of how they compare with their peers.

If the scope of the assessment syllabus is different from the scope of the courses I am studying at school, how should I prepare?

There is no such issue in Mathematics Olympiad assessment. For the same level of Mathematics assessment, the syllabuses will be similar (our assessment range, students in almost all countries or regions need to study, there may only be a small number placed in the higher or lower grade), and we provide free preparatory courses to completely fill the differences between different courses (and can be used as early learning of the courses in your own country or region).

What are the differences between our Mathematics Olympiad assessment and other Mathematics Olympiad competitions? Why do we have a separate Mathematics Olympiad assessment?

1. We mainly provide assessment, but not competition only. The level achieved by each participant is determined by their individual scores and is not influenced by other participants.
2. We do not have any age restrictions, unlike other Olympiad competitions, allowing anyone (such as those who start learning Olympiad mathematics later) to have the incentive to obtain certification from the basic level of Olympiad mathematics.
3. Most other Mathematics Olympiad competitions only require a small number of questions to be answered correctly to

receive awards, indicating that participants generally do not perform well. This is often due to insufficient preparation time.

Therefore, through our assessment and certification without age restrictions, participants can prepare for the level before taking the assessment, allowing them to have a deeper understanding.

4. We do not conduct assessments beyond the syllabus.

Before learning Mathematics of a certain grade, do you need to learn Mathematics Olympiad of a lower or the same grade?

No

Before participating in Mathematics assessment of a certain grade, do you need to participate in Mathematics assessment of a

lower grade, or Mathematics Olympiad assessment of a lower grade or the same grade?

No

Before learning Mathematics Olympiad of a certain grade, do you need to learn Mathematics of the same grade and Mathematics Olympiad of lower grades?

Yes

Before participating in Mathematics Olympiad assessment of a certain grade, do you need to participate in Mathematics assessment of the same or lower grades, or Mathematics Olympiad assessment of lower grades?

No

Can I take the same assessment more than once?

Yes

Can I take both Mathematics and Mathematics Olympiad assessments at the same time?

Yes, you can even choose different exam languages.

Can I participate in different levels of Mathematics or Mathematics Olympiad assessments at the same time?

Yes, if there is no time conflict.

Do the assessment and competition have the same test paper?

Yes, participants who participate the assessment and competition at the same time only need to take the test paper once to

obtain both certifications at the same time.

Will the results of assessments and competitions affect each other?

No, for example, an 11-year-old participant can participate in the grade 8 Mathematics Olympiad assessment and participate in the competition simultaneously.

If the participant scores 78 points in the assessment, he or she will receive a "Pass with Credit" in the assessment. If the participant scores 78 points and ranks in the top 13% of the competition, the participant will receive the "Silver Award" in the competition.

If another participant scores 48 points on the assessment, there is no level on the assessment. If the participant scores 48 points and ranks in the top 45% of the

competition, the participant will receive the "Merit Award" in the competition.

Can I still participate in the assessment of a certain level if I am over the age limit?

Yes, for example, a 13-year-old participant can participate in the grade 8 assessment, but cannot participate in the competition at the same time. We truly believe that over-age people have the right to be certified through assessment, but they cannot win awards from the competition through "dimensionality reduction attacks", which will affect the fairness of the competition.

Will there be a preparatory course after registration for the assessment?

Yes, we will provide free preparatory course, allowing candidates to learn through certified



incentives, and the free courses are fair to each applicant.

Can calculator be used in the Mathematics assessment?

Those with grade 10 or below are not allowed, and those with grade 11 or above can use specific models of calculator. Please pay attention to the announcement of the calculator models that can be used each time.

Can calculator be used in the Mathematics Olympiad assessment?

No

Is it unfair for people of different ages to participate in the same level of assessment?

No, it is not. The reasons are as follows:

1. In assessment, the grading scale has a fixed

range of scores, unaffected by others.

2. Candidates over a certain age can only participate in the assessment and cannot participate in the competition at the same time.
3. The transcript and certificate indicate the year, allowing for the calculation of the candidate's age at the time of assessment.

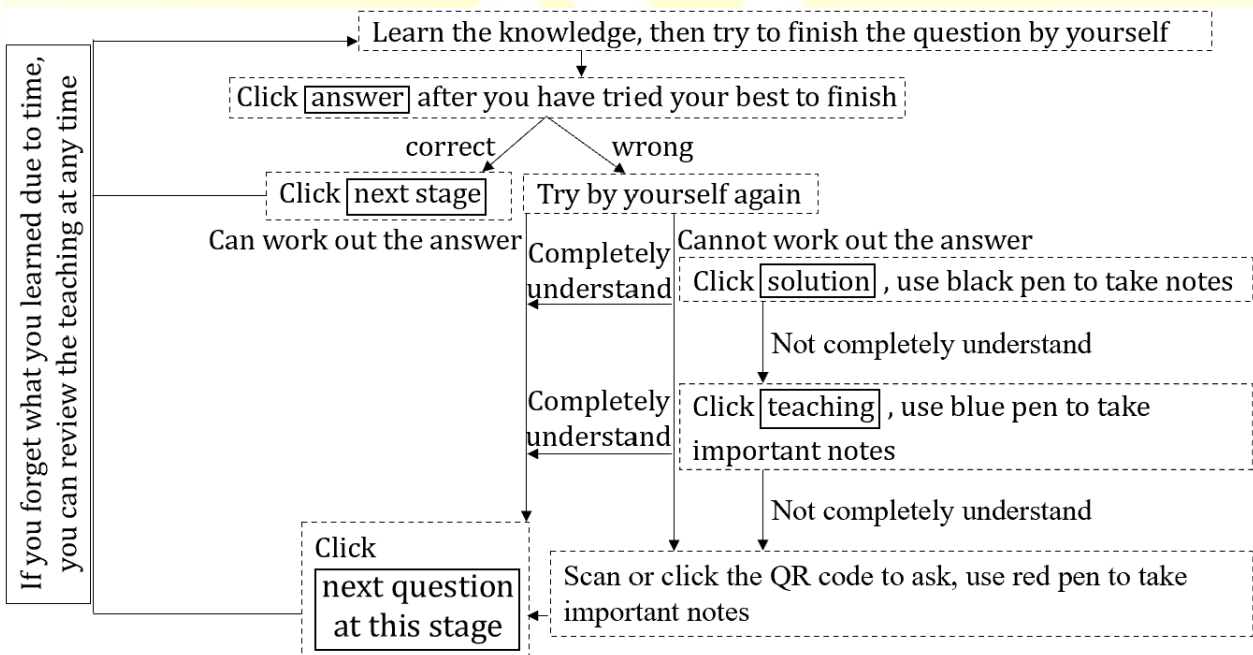
Can young children understand the questions?

For grades suitable for young children, we try to use simple text-based questions. In addition, grade 3 has reading questions during the exam.

Why apply for the "Global Mathematics and Olympiad Graded Assessment Test"?

1. Quoting the slogan of the Hong Kong Examinations and Assessment Authority,

"Assessment for Learning," students can learn Mathematics and Mathematics Olympiad independently through the motivation brought by participating in the assessment and the progressive preparation system we provide, enabling self-study in Mathematics and Mathematics Olympiad. Our progressive preparation system ensures effectiveness, as shown in the figure:



2. Allow students with weaker mathematical insights to learn through a progressive

preparation system during summer breaks, long breaks, and free time, achieving a foundation effect to catch up on learning progress. Through our public assessment, students can improve from unideal results in school exams to more ideal results at the same level of the public assessment, thus obtaining certification and regaining confidence.

3. After students apply, we provide a learning system for both Mathematics and Mathematics Olympiad, allowing students with above average mathematical intuition to learn Mathematics Olympiad during summer vacations, holidays, and after school time to enhance their problem-solving and thinking abilities.
4. Since there is no age limit, students with strong mathematical understanding can

- be given motivation to study in advance and apply for higher-level Mathematics or/and Mathematical Olympiad exams earlier.
5. We offer a free preparation system for each participant, unlike other assessments or competitions that charge for additional preparation courses, to ensure the fairness of the assessment and thus the reliability of the assessment scores.
  6. We have many professional consultants from different countries or regions, providing professional advice from various aspects to ensure the completeness of the assessment.
  7. The question setters have top-level credentials globally, ensuring that the questions have the appropriate depth and

achieve a comprehensive assessment.

I am a school teacher/tutor, what is the motivation for my students to take this assessment?

When registering, you can fill in the name of the instructor. If the student obtains excellent/good/passing grades, another certificate will be issued to the instructor, and the names of the instructor and the student will be filled in the certificate.

Are there both physical and electronic copies of transcript and certificate?

There must be an electronic transcript and certificate, and you can choose whether to apply for physical transcript and certificate. Both the physical version of the transcript and the certificate are printed with a QR code,

which can be linked to the electronic version of the transcript and certificate for authentication.

Are there two separate certificates for assessment and competition or one certificate?

Separate into 2 certificates

A group of people participate in a competition online, while another group participates physically. Are the awards calculated separately or combined?

Separately

What are our principles for setting questions?

1. Try to avoid situations where a mistake in the earlier part of a question leads to losses in subsequent parts.
2. Questions should be challenging yet not

excessively tedious, minimizing the need for cumbersome calculations.

3. We aim to minimize the element of luck in our questions.

What are the special features of our marking scheme?

1. The principle of absolute fairness in policy-making (scores absolutely reflect the true level of test takers, i.e., the knowledge level required, difficulty, and workload needed for each score are combined to form a comprehensive indicator), not just relative fairness (evaluate all test takers according to consistent standards).

2. The marking scheme clearly indicates the topic of each question, making it easier for students to review and categorize.



Are the questions sorted by topic, difficulty, or something else?




It is completely random, because we hope to assess the candidates' ability to identify their topics only from the questions themselves. If the questions are sorted by topic or difficulty, there will be a prompt component.

Why are the scores for each question not listed on the test paper?

Mathematics Olympiad fill-in-the-blank questions: Each question is worth the same.  
Mathematics and Mathematics Olympiad non-fill-in-the-blank questions: To prevent candidates from judging the number of steps required for solving a question based on the score, and to assess candidates based solely on their understanding of the question.

Why is there a double circle (◎) next to each question number?

For the candidate to record their strengths and weaknesses after receiving their scores and to better follow up in the future. The usage is as follows:

	Questions that can be completed independently.
	Questions that cannot be completed independently but can self-correct after checking the answer without needing to refer to the solution.
	Questions that cannot be completed independently and cannot self-correct after checking the answer, require reference to the solution or consultation with a teacher for understanding.

Can I buy the answer sheet and apply for the marking review?

Yes, if the score changes after the review, the review fee will be refunded.

If I cannot afford to take part in the assessment, how can I take part?

Our fees are already relatively cheap. If you still cannot afford it, you can provide proof of government unemployment allowance, and we will provide discounts.

What are our visions?

1. To enable individuals with high mathematical aptitude to learn advanced mathematics and Olympiad mathematics more quickly, accelerating human progress and benefiting humanity.

2. In the future, academic qualifications will not be divided; instead, recruitment standards in the workplace will be based on grades obtained in various subjects and their levels from public assessments.
3. People with weaker mathematical abilities should spend the same amount of time mastering basic mathematics. Once they reach the level required for their chosen profession or further studies, they can stop, rather than forcing themselves to study mathematics in higher grades.
4. By utilizing public assessments, we can reduce the workload of teachers, thereby reducing the future demand for mathematics teachers. This allows talented individuals who are capable of dedicating themselves to mathematics education to contribute to an ever-

expanding reservoir of mathematical knowledge, facilitating the continuous development of the mathematical field.

Why are sample papers and grading references not disclosed now?

Sample papers and marking schemes will be updated automatically after live or online public testing of sample papers in the 2<sup>nd</sup> half of 2024.

You may visit [www.gmmo.org](http://www.gmmo.org) or email [drmathewmatician@gmail.com](mailto:drmathewmatician@gmail.com)

for inquiries, and visit

[www.gmmo.olhymath.com](http://www.gmmo.olhymath.com) to sign up!

# Introduction to Personnel, Supporting & Certification Organizations

## Supporting Organizer:

Asia International Mathematical  
Research Association



Asia International Mathematical Research Association (AIMRA) was established in 2002. It is the academic association of mathematicians across Asia. AIMRA promotes the development of all aspects of mathematics in Asia, especially in the field of mathematical research, mathematics and social relations, and mathematical education. The members of

AIMRA include mathematical research institutions, groups and individuals in 10 Asian regions including Japan, South Korea, China, Malaysia, and Singapore etc.

AIMRA follows the principle that science knows no borders, AIMRA will provide help and advice on issues such as mathematical research. It focuses on the wider relationship between mathematics and society. In short, it seeks to build a sense of identity among Asian mathematicians.

Purpose of AIMRA:

- I. To promote unity among Asian mathematics researchers.
- II. To promote mathematics and its applications within Asia.
- III. Coordinate the planning of regular conferences on mathematics in Asia.





Obtained certification from the following organizations:



# Pathway Education Institute



➤ The Education Research Institute, established in 2011, provides education professional assessment for primary and secondary schools in Hong Kong and overseas.



# Chartered Institute of Training and Development



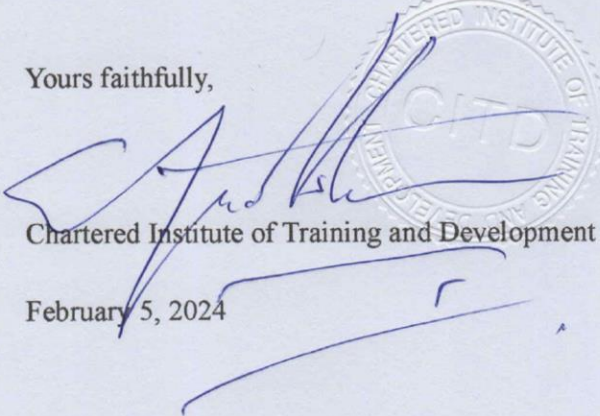
- Registered under the Societies Ordinance of The Hong Kong SAR Government on 8 July 2000.

## Recognition of the “Global Mathematics and Mathematics Olympiad Graded Assessment Test with Competition”

To Whom It May Concern:

After deeply investigating the “Global Mathematics and Mathematics Olympiad Graded Assessment Test with Competition”, we would like to recognize its validity. After participating in the assessment, certificate holders could use their certificates to apply for our courses, and we will count them as an important portion. We strongly encourage colleges, universities, and employers to use the certification as one of the parts of consideration without hesitation.

Yours faithfully,

  
Chartered Institute of Training and Development

February 5, 2024

# Hong Kong Learning Activity Promotion Society



➤ Established in Hong Kong in accordance with the law in 2016, it is committed to promoting learning activities in education, and gathering education researchers and people in the education field to promote the exchange of professional opinions and perspectives.



《全球數學及奧數分級評核暨競賽》和《數學大典》認證

敬啟者：

經過《全球數學及奧數分級評核暨競賽》和《數學大典》的深入研究，我們完全欣賞並認可它們的有效性。我們強烈鼓勵學院、大學、中小學和公司毫不猶豫地將前者的認證作為重要考慮因素。

此致

各大學、中小學及各學術機構

香港學習活動促進會

2024年2月7日

**Recognition of the “Global Mathematics and Mathematics Olympiad Graded Assessment Test with Competition” and “Mathewmatician’s Dictionary”**

To whom it may concern:

After deeply investigating the “Global Mathematics and Mathematics Olympiad Graded Assessment Test with Competition” and “Mathewmatician’s Dictionary”, we completely appreciate and recognize their validity. We strongly encourage colleges, universities, secondary schools, primary schools, and companies to use the former certification as an important consideration without hesitation.

Yours faithfully,

Hong Kong Learning Activity Promotion Society

February 7, 2024



## Xel Research



- One of the leading companies in India, with a vision to understanding fundamental issues involved, they organize research in a clear and concise manner.



Recognition of the "Global Mathematics & Mathematics Olympiad Assessment Test with Competition"

To whom it may concern,

After meticulously conducting the necessary assessment of the "Global Mathematics & Mathematics Olympiad Assessment Test with Competition" based on our findings from thorough research we completely appreciate and recognize its authenticity we encourage educational institutes/Schools/ Colleges and Universities to use the certification that can be in consideration without any hesitation.

Your Faithfully,



Xel Research Media

February 27,2024

# Krystal Institute

- They deliver knowledge, skills, and tools with world class developers and educators.



# Wahhar College



➤ Founded in 1962, the purpose is to promote cultural exchanges between China and the West.



# Chartered Management Association (CMA) & Chartered Management School of Distance Learning (CMS)



➤ CMA is registered under the Societies Ordinance of the HKSAR Government; CMS is a contact school of CMA, with a history of 30+ years. CMS is a school registered by the Hong Kong Education Department. It offers advanced/professional diplomas. Graduates can continue to study degree courses.





## Beyond Your Patterns



- To discover the secrets known to visionaries like Elon Musk, Richard Branson, and Steve Jobs – the power of unleashing your inner genius through a profound connection to your path, purpose, and unwavering commitment to personal and spiritual development.



**Accreditation of the “Global Mathematics and Mathematics Olympiad Graded Assessment Test with Competition”**

To whom it may concern:

We totally admire and recognize its authenticity, including concept, polished skill, unwavering quality, decency, and positive affect, after evaluating the “Global Mathematics and Mathematics Olympiad Graded Assessment Test with Competition”, based on our discoveries from genuine inquire about. After partaking within the evaluation, certificate holders seem utilize their certificates and transcripts to apply for our jobs, and we are going tally them as a noteworthy parcel. We emphatically empower colleges, colleges, and bosses to utilize the certification as an imperative thought without delay.

Yours faithfully,

Cinzia Biondi  
Founder, Beyond Your Patterns  
March 25, 2024

# VS INTERNATIONAL



To Dr. Mathew Yip

Date: 29<sup>th</sup> March 2024

## TO WHOM IT MAY CONCERN

VS International Limited extends its recognition and appreciation for the commendable efforts put forth in organizing and conducting the Global Mathematics and Mathematics Olympiad Graded Assessment Test with Competition.

We recognise its authenticity and appreciate that it serves as a platform for nurturing and showcasing the mathematical talents of participants from around the world. We commend the dedication and commitment demonstrated by your organization in promoting excellence in the field of Mathematics through this competition.

The Global Mathematics and Mathematics Olympiad Graded Assessment Test with Competition plays a pivotal role in fostering a culture of mathematical excellence, inspiring young minds to embrace the beauty and challenges of mathematics.

We will recognize and consider the job applicants who have participated in the Global Mathematics and Mathematics Olympiad Graded Assessment Test with Competition, their transcripts will be an important factor of consideration. Moreover, we strongly encourage colleges, universities, and employers to use the certification as an important consideration without hesitation.

Thank you for your commitment to advancing mathematical education and fostering a global community of mathematicians.

Sincerely,

Mr Vikash Sorout - Founder

**VS International Limited.**



# Digilive



MAKING CONNECTIONS DELIVERING RESULTS  
**BEST DIGITAL MARKETING COMPANY**  
DLF CYBERCITY, GURGAON  
[www.Digilive.co](http://www.Digilive.co)

DATE: 30<sup>th</sup> March 2024

Dear Dr. Mathew

I am writing to express my sincere appreciation for your hard work and dedication to the **Global Mathematics and Mathematics Olympiad Graded Assessment Test with Competition.**

Your contributions have been invaluable, We commend the dedication and commitment demonstrated by your organization in promoting excellence in the field of Mathematics through this competition, and I am grateful for all that you do.

Specifically, I want to recognize your outstanding work on The Global Mathematics and Mathematics Olympiad Graded Assessment Test. Your contributions have not gone unnoticed, and I want to publicly acknowledge your efforts and achievements.

Certificate holders seem utilize their certificates and transcripts to apply for our jobs, and we are going tally them as an imperative parcel. We emphatically empower colleges, colleges, and managers to utilize the certification as an imperative thought without faltering.

I encourage you to keep up the excellent work, and we will continue to support your growth and development.

Once again, thank you for all that you do. we appreciate your hard work and dedication.

Best regards,

For DIGILIVE  
Proprietor

# NNMG Dubai



To Dr. Matthew Yip

Date: 1<sup>st</sup> April 2024

I am writing this letter to express my sincere appreciation and recognition for the outstanding efforts and dedication in organizing the Global Mathematics and Mathematics Olympiad Graded Assessment Test with Competition. The event was a resounding success, and it is a testament to your exceptional organizational skills and commitment to promoting excellence in mathematics education.

The Global Mathematics and Mathematics Olympiad Graded Assessment Test with Competition provided a unique platform for students from around the world to showcase their mathematical abilities and compete at the highest level. The meticulous planning and execution of the event ensured that participants had a fair and challenging assessment experience.

I would like to commend you and your team for the seamless coordination of the test, from the registration process to the administration of the assessments. The attention to detail and the efficient management of logistics contributed to the smooth running of the event, leaving a positive impression on all participants and attendees. Furthermore, the Global Mathematics and Mathematics Olympiad Graded Assessment Test with Competition not only fostered healthy competition but also promoted a sense of camaraderie and international collaboration among the participants. By bringing together students from diverse backgrounds and cultures, you have created an environment that encourages the exchange of ideas and the celebration of mathematical talent.

Transcript holders could use their transcript apply for our jobs, and we will count them as a significant portion. We strongly encourage colleges, universities, and employers to use the certification as an important consideration.

On behalf of **NNMG DUBAI**, I would like to extend my heartfelt gratitude to you and your team for your exceptional work in organizing the Global Mathematics and Mathematics Olympiad Graded Assessment Test. Your commitment to promoting mathematics education and fostering a love for the subject is truly inspiring. Once again, thank you for your outstanding efforts, and please accept my sincerest congratulations on the success of the event. I look forward to witnessing the continued growth and impact of the Global Mathematics and Mathematics Olympiad Graded Assessment Test with Competition in the years to come.

Yours sincerely

NNMG DUBAI  
Business Bav. Dubai. UAE



# HappyNest Ventures



**HAPPYNEST VENTURES**



**HAPPYNEST VENTURES**  
INVEST IN FUTURE

Dr. Matthew Yip (Prof. Mathematician)  
Founder and President, Global Mathematics and Mathematics Olympiad Graded Assessment Test with Competition

Dear Dr. Yip,

Date: 2 April 2024

I am writing this letter to express my sincere appreciation and recognition for your exceptional leadership and dedication in organizing the Global Mathematics and Mathematics Olympiad Graded Assessment Test with Competition. Your efforts in creating and managing this prestigious event have made a significant impact on the field of mathematics education.

The Global Mathematics and Mathematics Olympiad Graded Assessment Test with Competition has provided a unique platform for students from around the world to showcase their mathematical skills and compete at the highest level. Your vision and commitment to promoting mathematics education have not only inspired young minds but have also fostered a spirit of healthy competition and excellence.

Through your tireless efforts, the Global Mathematics and Mathematics Olympiad Graded Assessment Test with Competition has become a benchmark for mathematical excellence globally. The event has not only encouraged students to excel in their mathematical abilities but has also nurtured their critical thinking, problem-solving, and analytical skills. The impact of this competition extends far beyond the event itself, as it prepares students for future academic and professional success.

On behalf of HappyNest Venture Limited, I would like to extend my deepest gratitude for your remarkable contributions to the field of mathematics education. Your passion for mathematics and your commitment to nurturing young talent are truly commendable. The Global Mathematics and Mathematics Olympiad Graded Assessment Test with Competition stands as a testament to your leadership and dedication.

Thank you once again for your exceptional work in organizing the Global Mathematics and Mathematics Olympiad Graded Assessment Test with Competition. Your efforts and achievements have made a lasting impact on the lives of students and have helped shape the future of mathematics education. We are grateful for your leadership and look forward to witnessing the continued success of this prestigious event under your guidance. With utmost respect and admiration,

Best Regards,  
HappyNest Venture Limited



AMORE Italy

AMORE *Italy*

AMORE *Italy*

Dr. Matthew Yip (Prof. Mathematician)  
Organizing Committee Chair  
Global Mathematics and Mathematics Olympiad Graded Assessment Test with Competition  
[Recipient's Organization]

Dear Dr. Matthew Yip,

I am writing this letter to express my heartfelt appreciation and recognition for your exceptional leadership and organizational skills in successfully organizing the Global Mathematics and Mathematics Olympiad Graded Assessment Test with Competition. Your dedication and commitment to promoting excellence in mathematics education have made a significant impact on the participants and the field of mathematics as a whole.

The Global Mathematics and Mathematics Olympiad Graded Assessment Test with Competition provided a unique opportunity for students from around the world to showcase their mathematical abilities and compete at the highest level. Your meticulous planning and attention to detail ensured that the event ran smoothly and provided a fair and challenging assessment experience for all participants.

The impact of your efforts goes beyond the competition itself. By organizing this event, you have inspired countless young minds to explore the world of mathematics and pursue their dreams. Your commitment to nurturing the next generation of mathematicians is truly commendable and will have a lasting impact on the field.

Holders of transcripts can leverage their academic records to apply for our job openings, and we view this as a substantial factor in our hiring process. We strongly recommend that educational institutions and employers consider academic certifications as a crucial aspect of academic and job applications.

On behalf of Amore Italy LTD, I would like to extend my sincere gratitude and appreciation for your outstanding work in organizing the Global Mathematics and Mathematics Olympiad Graded Assessment Test with Competition. Your leadership, dedication, and passion for mathematics education have made a significant difference in the lives of the participants and have contributed to the advancement of the field.

Yours sincerely,

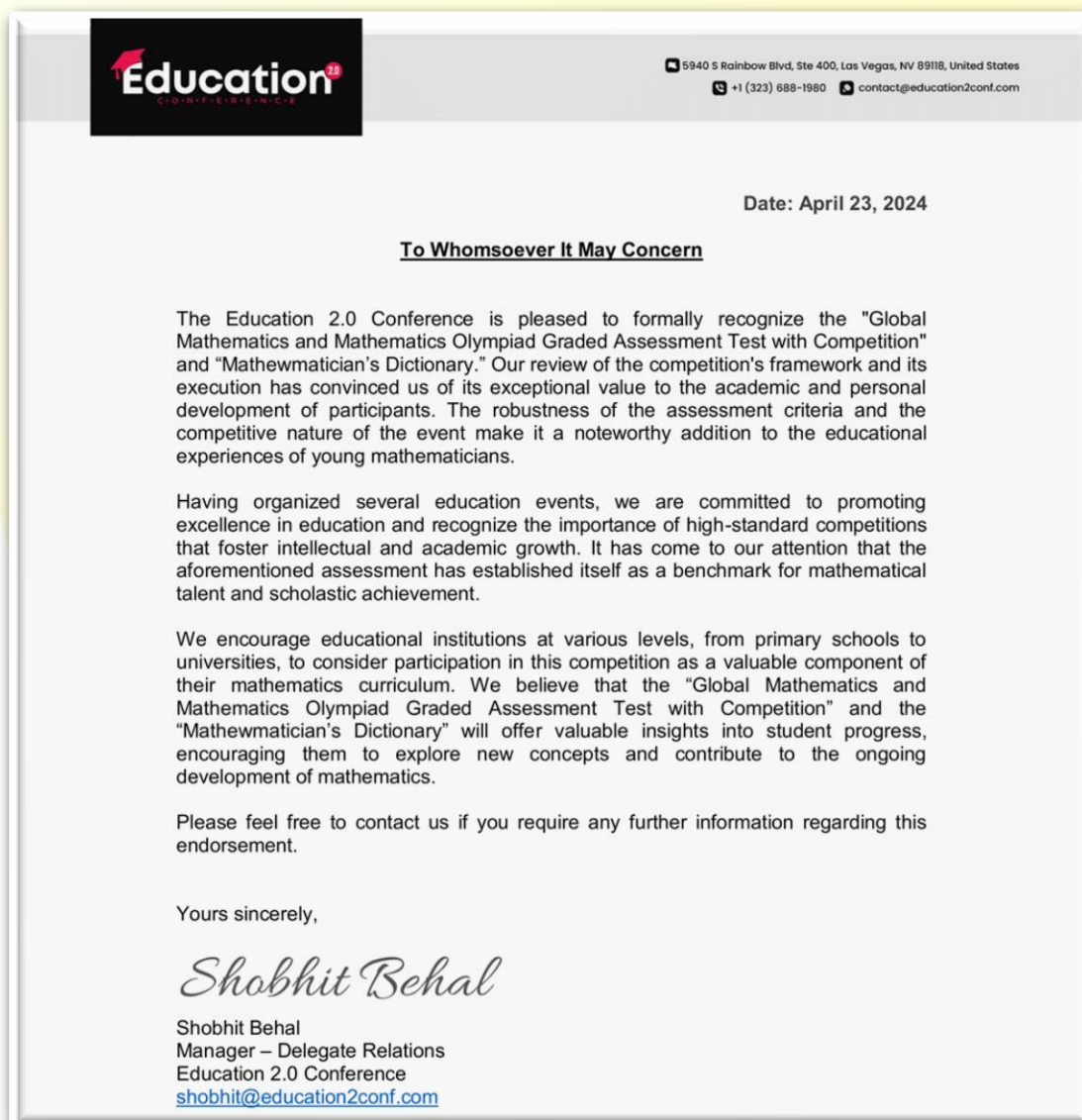
Amore Italy LTD  
Date: 4<sup>th</sup> April 2024



## Education 2.0



➤ Vision: Starting a ripple effect of overwhelmingly positive and systematic changes in the global education sector through the exchange of ideas and fueling frequent collaborations between stakeholders.



Below is the list of our advisors, representing a number of countries, including:

China (including Hong Kong and Macau),  
United States, India, Singapore, Japan, Italy,  
United Arab Emirates, Rwanda

Senior Advisors (in alphabetical order):

Principal Andy Yam (Senior former principal, teacher, and advisor of publishing company)

Principal Cheung Fung Ling (Principal of Institute of Children's Intelligence Development)

Supervisor Michael K.H. Leung (Supervisor or manager of many schools, has made great contributions to the education sector)

Dr. Mohammed Bani Issa (Head of Department, Ajyal International School-AL Falah, Dubai)

Dr. Saurabh Singhal (Player of Mathematics,



Chairman of India Africa Business Forum,  
Rwanda, Africa)

Prof. Stephen Shum (Senior educator in higher  
education)

Prof. Yasuhiro Suzuki (Japan's Educator of  
basic science and Researcher of Natural  
Computing)

Dr. Yip Kwok Hung (Senior educator)

Advisors (in alphabetical order):

Ms. Adriana Richey (Philanthropist in USA)

Mr. Ankoor Dasgupta (a thought leader with  
24 years of work experience in various cross  
functional roles, felicitated with coveted  
awards, has more than 50 published works in  
multiple guest columns globally)

Mr. Bharath Vaddi (Vice president, market and  
reference data, Standard Chartered Bank,

India)

Mr. Bryan Chan (Senior Mathematics teacher)

Ms. Chandni Bhanushali (Legal and Compliance Consultant)

Mr. Charles Lo (Senior Mathematics teacher)

Ms. Cinzia Biondi (Innovative Founder of Beyond Your Patterns in Italy, an Expert in Creative Mathematics and the Utilization of Ancient Astrology for both Mathematical Learning and Self-Discovery)

Mr. Dylan Chan (Manager of academic societies)

Mr. Fong Chi Chio (Postgraduate degree from Peking University, mathematics teacher at a famous school in Macau)

Mr. Guo Yong Tao (Leader of the Guiyang team of Hope Cup)

Mr. Gustavo GHORY (Chairman, Smarterchains in USA)

Mr. Kaito Mizukoshi (Japan Education Ambassador, University College London)

Mr. Kam Wai Chon (Panel of Mathematics)

Mr. Karry Ngai (Senior Mathematics Olympiad trainer)

Mr. Lawrence Chan (Trainer, patent and inventor award holder who advocates education based on standards rather than age)

Ms. Lyu Wei Fang (Leader of the Guiyang team of Hope Cup)

Mr. Ridhwan Yusoff (Principal Learning Designer from Singapore creating immersive and holistic learning experiences to prepare students for the future)

Mr. Ryan Nicholas Leong Wei Ren (Founder of GENIUS Generation Youth Coaching in Singapore, evolving youth to stretch their career dreams)

Mr. Satish Padmanabhan (Data management)

leader from Standard Chartered, India)

Ms. Siuki Tang (Worked in education centres for years and studied educational psychology)

Ms. Tiffany Liu (Principal of Design Thinking's school)

Mr. Timothy Tan (Master's degree from Oxford University, has made great contributions to the research and development of educational courses)

Mr. Tyron Leung (Vice principal of a secondary school and has taught mathematics for years)

Ms. Zoë Madewell (Founder and CEO of Musicology Lab in USA, an expert of using music to learn math.)

Thank you list for those who have freely provided valuable advices (in alphabetical order):

Ms. Angela Yiu (Vice panel of primary mathematics)

Mr. Jason Yuen (Master's degree from the University of Hong Kong; Worked in large trading institutions for many years)

Ms. Laura (Master in Statistics, Stanford University; Engaged in Quantitative Equity for years)

Mr. Stanley Shum (First class honor from the Chinese University of Hong Kong; Investment experts)

Ms. Tracy Yip (Senior primary mathematics teacher)

Ms. Zoe Kwan (Senior kindergarten teacher)

## Founder & President: *Prof. Mathewmatician*

Goal: To be recognized as the Greatest mathematics educator

- President of Mathematical Sciences Research Institute, International (Macau) Institute of Academic Research; Math. & Statistics Program Director, Chartered Institute of Training & Development; Math. Curriculum Manager of Wahhar College, .....
- Distinguished Professor of American International Theism University, with double Ph.D. degrees & double master's degrees in both Mathematics & Mathematics Education, and excellent grades at MIT; “Achievements and Accolades”, “Impact”, “Creative Thinking”, “Leader Reputation”, “Inspirational Mentorship” and “Legacy Building” have been rated as the highest grade
- Trainer of the Mathematics Olympiad Trainers (China Mathematics Olympiad & World International Mathematics Olympiad Committee’s Trainer (Senior Level); Invited to teach Math. Olympiad coach training courses; Prepared the questions, explained, & judged for the National Math. Olympiad for University Students & the high school math. competition; Head coach of the Hong Kong representative team at the International Hope Cup Mathematics Invitational; .....
- Exam expert (Obtained the highest grade at once in different public exams, such as HKDSE, AP, IAL (full mark)); Delve into the hidden rules of scoring; Invited to provide training for schoolteachers
- Quick and clever calculation expert (Trainer of the World Association of Abacus and Mental Arithmetic; obtained champion in arithmetic competition; invented calculate



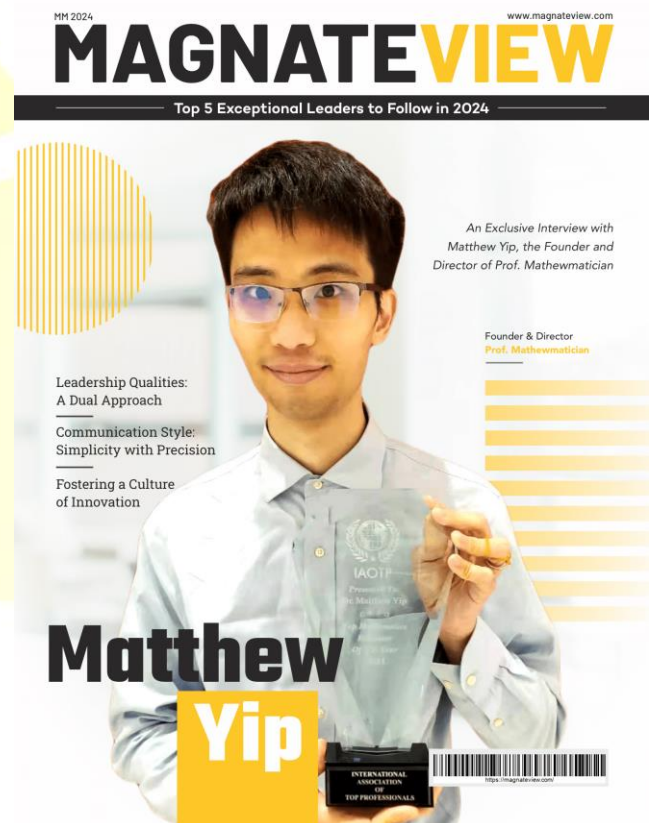
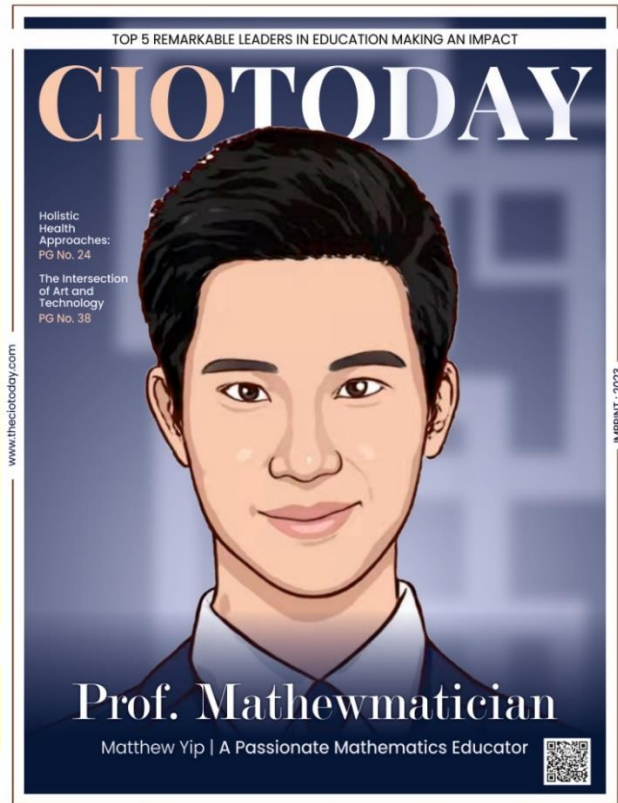
$n$ th root by abacus)

- Named by many renowned educational institutions (e.g., Chief Mathematics Teaching and Curriculum Advisor of Hong Kong Tutor Association, Chief Math Tutor, King of Tutor, etc.)
- Many students have made outstanding achievements in various open mathematics examinations and many Mathematics Olympiad competitions (Get the highest honor, e.g., schoolchild in IGCSE)
- Interviewed by more than 200 media (e.g., Times, Fox News; named as “Award-winning educator”); Invited to exhibit in exhibitions; Featured on the cover of several global magazines
- Rich teaching experience from early childhood to master (e.g., Guest Master’s Degree Lecturer of Hong Kong Metropolitan University; Have taught more than 100 master’s, bachelor’s, and associate degree courses; have taught more than 70 kindergartens / primary / secondary schools); Give talks
- Columnist and best-selling author; Many sincere and high-quality books (“Primary Mathematics Book” with Challenging Problems, “Abacus and Mental Arithmetic Learning and Teaching Masterpiece”, “Mathematics Olympiad Masterpiece series – High School Level”, .....), teaching materials, researches & inventions; Readers come from more than 45 countries or regions
- Registered Teacher; Obtained full marks on the teaching test, received many positive evaluations by students, parents & schools; Received more than 15 international awards such as Outstanding Train the Trainers & Leadership Awards, World Class & Top & Greatest Mathematics Educator, .....
- .....





# Magazines



**AWARDS 2024**





# Prof. Mathewmatician

Prof. Matthew Yip

World Class Mathematics Educator,  
Founder of the Global Mathematics  
and Mathematics Olympiad Graded  
Assessment Test With Competition

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09



the commitment to fair assessment practices. Complementing their assessment solutions, the "Mathewmatician's Dictionary" empowers students to engage in self-paced learning journeys, leveraging structured study flows for enhanced effectiveness and efficiency. By embracing digital tools and personalized learning approaches, Prof. Mathewmatician facilitates a transformative educational experience, empowering

students to master mathematical concepts at their own pace.

**Essential Ingredients for Business Success**

In navigating the complex terrain of the business world, Matthew Yip, emphasizes the importance of specific skills, qualities, and attitudes. At the forefront is the ability to identify and address existing industry challenges, coupled

with the aptitude to devise practical and affordable solutions. Matthew underscores this approach with the development of innovative initiatives such as the "Global Mathematics and Mathematics Olympiad Graded Assessment Test with Competition" and the "Mathewmatician's Dictionary" automatic mathematics learning system. These solutions not only tackle prevalent issues in mathematics education but also remain accessible to the target audience through cost-controlled measures. Beyond skills, Matthew highlights the significance of attitude and passion in driving continual value enhancement for consumers. This unwavering commitment to addressing industry needs with a blend of skills, attitude, and passion underscores Matthew's recipe for success in the competitive business landscape of 2024.

**Inspiring Leadership in 2024 and Beyond**

Matthew Yip, reflects on the significance of his leadership journey for individuals seeking guidance in 2024 and beyond. His vision extends beyond the present, aiming to shape a future marked by progress and excellence. With a steadfast commitment to innovation and advancement, Matthew envisions a landscape where education transcends boundaries and empowers learners globally. By following his leadership journey, individuals are poised to embark on a transformative path towards academic excellence and personal

growth, driving positive change in the ever-evolving world of mathematics education.

**Shaping the Future Business Landscape**

Matthew Yip, outlines his strategic vision for influencing the business landscape in the years to come. Matthew plans to revolutionize mathematics education by integrating textbooks, exercises, and lectures into a cohesive learning experience. This approach, starting from the basics and guiding learners through each math problem step by step, ensures comprehensive understanding and mastery. He envisions a future where individuals can learn mathematics anytime, anywhere, tailored to their personal needs and progress. By embracing flexibility, Matthew aims to make math education accessible and adaptable to diverse learning styles. Additionally, he is committed to enabling individuals with high mathematical aptitude to expedite their learning of advanced mathematics and Olympiad-level math. By accelerating learning for these individuals, he seeks to drive human progress and benefit society as a whole.

In the future, Matthew foresees a shift away from traditional academic qualifications. Instead, he believes that recruitment standards in the workplace will be based on grades obtained in various subjects and their levels from public assessments. Recognizing the importance of personalized learning, Matthew advocates for optimizing learning paths. Individuals with weaker mathematical abilities should focus on mastering basic mathematics until they reach the level required for their chosen profession or further studies. Leveraging public assessments and automatic learning systems, Matthew aims to reduce the workload of teachers, thereby decreasing the future demand for mathematics educators. This strategic use of technology frees up talented individuals to contribute to the continuous development of the mathematical field. Through these forward-thinking initiatives, Matthew Yip is poised to shape the future business landscape, fostering a culture of innovation, accessibility, and excellence in mathematics education.

**Pioneering Achievements in Mathematics Education**

Matthew Yip, recounts some of his most significant achievements and milestones throughout his illustrious career. With over a decade of dedicated service to the field of mathematics education, Matthew has amassed a remarkable array of accolades and honors, including the Outstanding Train the Trainers Award from the Chartered Institute of Training And Development, the Awesome Entrepreneur Award from the 2022 International Beauty Education Best Expo, and the Impact Leadership Global Awards' prestigious Mathematician of the Year 2024 Award, among many others. His influential contributions extend beyond awards, as evidenced by his role as a published author with readers spanning more than 45 countries and regions worldwide, including Argentina, Australia, Belgium, Brazil, Canada, Chile, Costa Rica, Czechia, Germany, Denmark, Dominican Republic, Ecuador, Spain, France, United Kingdom, Greece, Hong Kong, Hungary, Indonesia, India, Italy, Japan, Korea, Kazakhstan, Macau, Mainland China, Mexico, Malaysia, Netherlands, New Zealand, Panama, Philippines, Poland, Portugal, Romania, Russian Federation, Sweden, Singapore, Thailand, Turkey, Taiwan, Ukraine, United States, Uzbekistan, Vietnam, South Africa. Matthew's impact is also felt on an international scale, having been appointed as a Trainer by the China Mathematics Olympiad & World International Mathematics Olympiad Committee and serving as the Head Coach of the Hong Kong representative team at the International Hope Cup Mathematics Invitational. Furthermore, Matthew's innovative initiatives, such as the development of the "Global Mathematics and Mathematics Olympiad Graded Assessment Test with Competition" and the automatic mathematics learning system "Mathewmatician's Dictionary," have garnered recognition from various esteemed institutions. Through his unwavering dedication and groundbreaking contributions, Matthew Yip continues to shape the landscape of mathematics education, inspiring learners and educators worldwide.

**Finding his Light**

Matthew's professional journey has two key turning points. The first turning point was during his high school course selection. He had to choose one subject between economics and additional mathematics. He chose economics considering the subject to be more practical. His grade in compulsory mathematics came out to be the highest, while that in economics was just average. He realized that he had a talent for mathematics, so he spent a year self-studying additional mathematics and chose a major in mathematics at university.

The second turning point was after Matthew started university. He began to teach at private tutoring and mathematics tutoring classes. The first reason was to support his study financially and the second was that he found it difficult to understand the course content through the lectures of the teachers. This was not because they taught poorly, but because he believed that mathematics has a unique learning mode. He could fully rely on himself to study by reviewing notes and reference books after class. Therefore, he spent a lot of time working part-time to earn income. During the time he took up private tutoring and mathematics tutoring classes, Matthew did not want to make the same mistakes as those university lecturers, and he hoped that every student could understand his teaching. Therefore, he constantly studied and improved his teaching methods. On the other hand, he found that many mathematicians may not be able to prove some of the more important theorems even if they spend their entire lives. Compared with this, he hopes to do more beneficial things for people in the field of mathematics education in his limited lifetime.

"To be a mathematics educator, there are a few reasons. First, I just love math. But not other subjects since I was a teenager. I enjoy the process of solving different math problems, and teaching my classmates to solve difficult problems. Second, my father gave me "Matthew" as my English name when I was born. I believe that my life mission is to be a mathematics educator, but not to be a mathematician. The reason is I realized there could be many improvements in mathematics education, and I hope I can be the leader to change the current situation," says Matthew.

**Beating Challenges Skillfully**

Matthew's biggest challenge is not in the development path of mathematics and mathematics education but in his ATCL piano performance exam. When taking any mathematics or other exams, as well as lower-level piano exams, he passed all at once. When he was in high school, he took the piano performance exam for the first time, and the result was far from a passing score. Then he focused on his studies, and after entering university, he continued to work hard to practice. The second time, he made a significant improvement, but it was still a small score from passing. Therefore, he worked hard every day to practice and improve and finally

**"Fulfil what you need, find out what you want, then take action!"**



same amount of time mastering basic mathematics. Once they reach the level required for their chosen profession or further studies, they can stop, rather than forcing themselves to study mathematics in higher grades.

- In the future, academic qualifications will not be divided (the division of Bachelor's, master's, and doctorate degrees is not necessary); instead, recruitment standards in the workplace will be based on grades obtained in various subjects and their levels from public assessments.
- Reduce the demand for mathematics teachers, improve the average quality of the remaining mathematics teachers, release good mathematics talents to engage in professions other than teaching mathematics, give full play to their strengths, benefit the people, and accelerate human development.

"Since my goal is to be a great person, but not a rich person, I expect my life will not change a lot in the near future. On the other hand, I strongly believe I could make great progress in 3 to 5 years," says Matthew.

**Words of Encouragement**

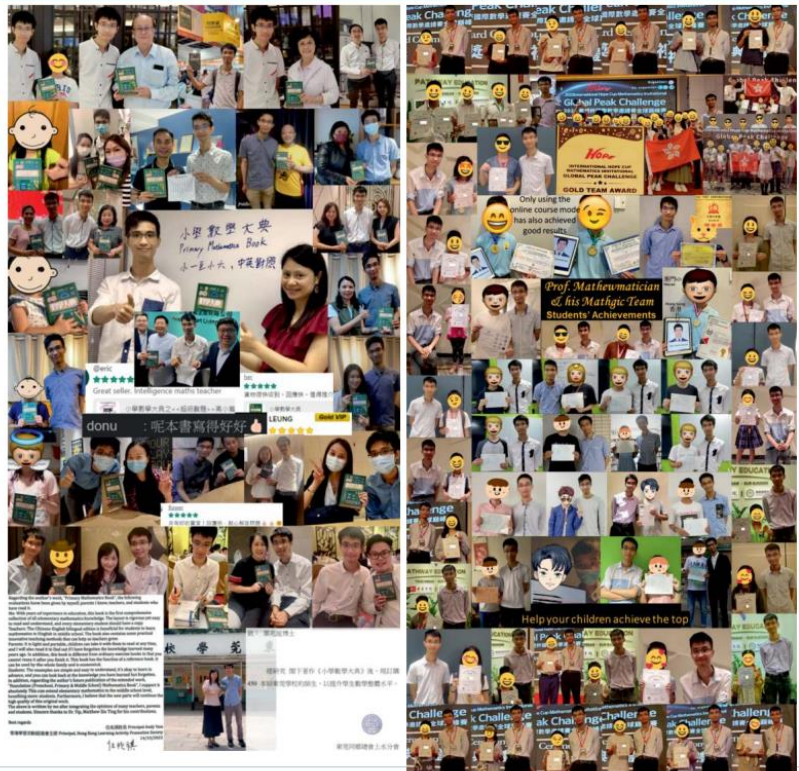
Matthew concludes with the following advice for young entrepreneurs:

"First, in the early stages of life, seek and establish personal ultimate goals, as well as break them down into smaller goals to achieve the ultimate goal. In the process of striving, enjoy the joy of achieving each small goal. Second, time is far more important than money. There are far more people who die of old age than of hunger.

Changing the time originally spent pursuing goals to pursuing money and material enjoyment is a reversal of the meaning of life.

Third, do not be influenced by other people's thoughts, and do not let others control you, thereby giving up self-realization.

Finally, try to experience and enjoy special moments in your life."



# Previous Assessments & Competitions Conducted





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