# Assignment Title: WEBE5020 POE

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# **Mathematics and Language Synergy**

#### **Business Overview**

Math and Language Synergy is an academic institute that aims at providing comprehensive education in English, Japanese, and Mathematics. The academy intends to synergize language and mathematical skills for success in these two critical areas. Being the most spoken language in the world, English becomes quite imperative for one's expression in any sphere of life, be it personal, academic, or professional, this bridges international networks and intercultural exchange programs. Proficiency in English pays very highly, especially in job markets, in the areas of software development.

Fluency in Japanese is increasingly advantageous due to Japan's preeminence in business and technology. Japanese language proficiency opens opportunities within the very high-technology environment of Japan and business. Mathematics provides one of the bases for critical thinking and problem-solving and is, therefore, especially important for intellectual development and achievement within a wide variety of fields, such as science, engineering, and finance. Math and Language Synergy is working to enrich those skills in students to make them successful in a diversified world. (Carey & Jacobson, 2020)

# **Key Objectives**

Based my research, this is what a language and mathematics intuition include, (Carey & Jacobson, 2020):

Following are the key objectives of the program:

- 1. Enhance Students' skills in English, Japanese, and Mathematics.
- 2. All-rounded curriculum that integrates language with mathematical skills.
- 3. Prepare students for academic and professional success in a globalized world.
- 4. Provide a platform from where students can access course schedules, teacher's profiles, and study materials.

# **Our Services**

Based my research, this is what a language and mathematics intuition services would include, (s.a., 2023):

- 1. English Language Courses: To improve one's fluency in the English language, comprehensive programs are offered.
- 2. Japanese Language Course: Courses that offer Japanese language skills to students.
- 3. Mathematics Programs: Programs on developing skills related to critical thinking and problem-solving.

# **Call to Action**

Math and Language Synergy excels in a unique combination of language and mathematics education. It provides each student with a unique, all-rounded set of skills to move around easily in the vastly networked modern world and be successful both in academic and professional fronts. (Carey & Jacobson, 2020) (s.a., 2023)

## **Target Audience**

- 1) High School and College Students
  - a) Any student who intends to enhance his or her academic resume with advanced classes in English, Japanese, and Mathematics.
  - b) Applicants to college/scholarship seeking to demonstrate language use and solve mathematical problems.
- 2) Young Professionals
  - a) Anyone looking to enhance career opportunities by adding language skills with a stronger math background.
  - b) Professionals seeking entry into the technology, data analytics, or international business fields.
- 3) International Students
  - a) Non-native English speakers who are looking to study abroad/business in English-speaking countries.
  - b) Students studying Japanese to take part in Japan's industry/technology markets.
- 4) Parents of School-Aged Children
  - a) Parents are seeking after-school programs to enhance languages and mathematics.
  - b) Parents are convinced that bilingualism and mathematical ability offer children an extra edge in the long-term future.
- 5) Career Changers
  - a) Those desiring to switch to a job requiring bilingualism and analytical thinking, such as technology or finance.

(s.a., 1959)

# **Website Pages and Content**

#### **Homepage**

1. Logo

<<Create Logo>>

2. Strapline/Slogan

Where Language Meets Logic

3. Navigation Links

<<To all other pages>>

4. Feature Section: Include carousel, featured products, etc.

Mission:

At Math and Language Synergy, our vision is to offer an integrated education that gives children both the math and language skills they need, to gift them a proficiency that will lead them to success in a varied, global world.

Vision:

We want to see a world where language and math go with each other so that the student will excel in academic performances and be well-versed, ready to live in international backgrounds.

#### Math and Language Synergy

1) Address:

123 Learning Lane Knowledge City, EDU 45678 Gauteng, South Africa

2) Phone:

+27 (0)11 234 5678

3) Email:

info@mathlanguagesynergy.edu

4) Business Hours:

Monday to Friday: 9:00 AM - 6:00 PM Saturday: 10:00 AM - 4:00 PM

Sunday: Closed

5) Social Media:

a) Facebook: facebook.com/MathLanguageSynergy

b) Twitter: @MathLangSynergy

c) Instagram: @MathLanguageSynergy

d) LinkedIn: linkedin.com/company/mathlanguagesynergy

Copyright: 2024 Math and Language Synergy.

- 5. Pictures
- 6. Welcome Message

Here is the welcome message for Math and Language Synergy website:

Welcome to Math and Language Synergy!

We are excited about you navigating through our energetic community of learners combining language and math teaching into an extraordinary educational delivery. At Math and Language Synergy, our focus is on preparing students for a borderless world.

English, Japanese, and Math's are the three core areas of study at our academy. These courses were put in place to improve our communication skills and make us better thinkers when solving problems. Whatever your ambition is; be it a young person who wants more out of their high school life or a professional who has seen the need to advance him/herself through education, or maybe an international student willing to learn new languages, we have enough resources plus experts who will help you reach your goals.

Our experienced tutors are enthusiastic about their profession, they also believe in a supportive environment where everyone belongs. We strive towards promoting academic opportunities that would expand your knowledge base and allow you to gain expertise for future endeavors.

Visit our site now so that you can see what courses we offer, check out our team members profiles to see if anyone will be able to guide you along this journey. Come over to Math and Language Synergy with all your prospective aspirations today. (s.a., n.d.)

#### 7. Summary of Main Activities

At Math and Language Synergy, we aim to give students a well-rounded education that brings together language learning and math skills. Our main activities help students grow and gain key abilities to do well in today's varied and connected world.

#### 1. Language Courses:

English Language Program: Our English classes aim to boost fluency and understanding helping students talk well in their personal lives and at work. We have classes for everyone, from people just starting to learn English to those who already speak it well. We teach grammar, words, and how to have conversations.

Japanese Language Program: Our Japanese classes help students get good at speaking, reading, and writing Japanese. We teach about Japanese culture and how to use the language in real life. This helps students learn about Japan's rich history and its significant role in global business and technology.

#### 2. Mathematics Instruction:

We teach math classes that cover many topics, from simple addition and subtraction to hard calculus. Our lessons help students think better and solve problems. This gets them ready for doing well in school and in jobs like science, engineering, and finance.

#### 3. Professional Development:

At present, among other things, our courses involve career workshops and seminars which stimulate students to utilize their foreign language and math

skills in different professional situations. We present CV and interview tests for the release, as well as networking opportunities for career growth.

(Rahim, 2018)

#### 8. Contact Info:

We would love to hear from you! For more information, if you have some questions about our programs or want to register for a class, write to us using the link below.

#### Math and Language Synergy

#### 6) Address:

123 Learning Lane Knowledge City, EDU 45678 Gauteng, South Africa

#### 7) **Phone:**

+27 (0)11 234 5678

#### 8) **Email:**

info@mathlanguagesynergy.edu

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Sunday: Closed

#### 10) Social Media:

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b) Twitter: @MathLangSynergy

c) Instagram: @MathLanguageSynergy

d) LinkedIn: linkedin.com/company/mathlanguagesynergy

Visit our website or join the Math and Language Synergy newsletter to get more information about what is happening today!

#### 9. Assets << Sources / References>>

#### 10. Copyright

Copyright: 2024 Math and Language Synergy.

#### **About Us**

Logo << Create Logo >>

Navigation Links << Links to other pages>>

**Our Story** 

Welcome to Math and Language Synergy, where education meets innovation. Founded in 2010 by Maria R. Chenault and Yukihiro Tashiro, our institute began with this plain yet powerful vision: bridging the gap between language and mathematics education to empower learners to succeed in both.

Our founders were seasoned educators themselves, with a deep passion for languages and mathematics. On the backdrop of a rising need for an integrated approach toward learning, they envisioned that the proficiency of the English and Japanese languages, combined with sound mathematical skills, would open vistas of opportunities in the global marketplace.

<< In Bold >> A Vision of Holistic Learning<< In Bold >>

It was initiated with a vision and strong will: that a small group of dedicated teachers could come together in pooling their energies toward the offering of a learning environment to children so that they might develop deep understandings in language and mathematics through supportive and engaging educational settings. We planned a curriculum that would include the following subjects, highlighting the connections between them and the development of skills in language proficiency and analytical thinking.

<<In Bold >>Building a community<<In Bold >>

Within the past years, Math and Language Synergy has developed into a lively community of learners from all occupations. Students are driven toward our services by highly individual aspirations: to master a new language, excel in math, or bring both skills together in support of academic and professional journeys.

<< In Bold >> Innovative Programs and Experienced Faculty << In Bold >>

The new, enlightened relationship with education is central to our success. Programs are dynamic, flexible, and individually tailored to meet the ever-changing needs of our students. Faculty include veteran language instructors, accomplished in mathematics, and enthusiastic about teaching and assuring that every student succeeds.

<< In Bold >> A Commitment to Excellence << In Bold >>

Excellence is something to which we are deeply committed, and for that, we work hard to continually improve our offers. Our institution has formed strategic partnerships with major educational organizations and experts of the industry who take care that our students get the best possible standards of education and innovative resources available for them.

<<In Bold >>Into the Future<<In Bold >>

To the future, Math and Language Synergy will stand as a vessel, empowering students to realize their goals and make a difference in their communities. Join hands with us on this magnificent journey of discovery and growth, wherein lies the key ingredient: language and mathematics combined for unlocking new opportunities.

Thank you for being part of our story.

<<In Bold >>Meet the Team<<In Bold >>

Our team is what stands behind Math and Language Synergy. Made up of tenacious educators and experienced professionals, our team is ready to become the support for those provisioning parents and students who look to be able to have a cherished learning experience. Following are the sparks behind our success:

- <<In Bold >> Dr. Maria R. Chenault <<In Bold >> Co-Founder & Director of Language Programs
   A holder of a Ph.D. in Linguistics with over 15 years of teaching experience, Dr. Maria leads our
   language programs, emphasizing innovation in teaching methods
- 2. <<In Bold >> Professor Yukihiro Tashiro <<In Bold >> Co-Founder & Director of Mathematics Programs
  - An authority in mathematics education, Professor Yukihiro has been inspiring students for over 20 years with an encouraging approach to teaching complex ideas.
- 3. <<In Bold >>Lily Anderson<<In Bold >> Head of English Department Lily comes to our English department with years of experience and an innovative pedagogy in terms of the basics, with an emphasis on communication and cultural knowledge.
- 4. <<In Bold >> Hiroshi Kato<<In Bold >> Head of Japanese Department
  He gives them hands-on near-real experience of Japanese instructors and culture.
- 5. <<In Bold >> Daniel Wong<<In Bold >> Mathematics Instructor
  An inspiring mathematics teacher, Daniel has an uncanny ability to simplify mathematical theories
  and help his students get great analytical abilities that are a wish for every student.
- Dr. Emily Tanaka Japanese Language and Culture Specialist
   Interactive and immersive, traditional and modern-day cultural elements tied into the learning experience to engage students in learning a new language.

- Professor James Walker Mathematics and Critical Thinking Expert
   A problem-based method to enable students to pick up learning through correlations of mathematical concepts and principles with real-life scenarios.
- 8. Dr. Ana Martinez English Language and Literature Lover
  Literature-driven; classic and modern works for better language ability and cultural insight.
- 9. Mr. Kenji Suzuki Business Japanese and Professional Communication Coach Practical and workshop-based with live business situations and role-playing exercises.
- 10. Dr. Sarah Nguyen Bilingual Education Specialist
  Research-driven, focusing on innovative teaching methodologies and fostering bilingual proficiency.
- 11. Professor Michael Lee Advanced Calculus and Analytical Methods

  Conceptual and exploratory, encouraging students to delve deep into mathematical theories and proofs.
- 12. Ms. Lucy Chen Specialist in English for Academic Purposes
  Skill-based; preparation of students for academic success emphasizing writing, reading, and presentation skills.
- 13. Dr. Hiroshi Yamada Specialist in Japanese Literature and Translation
  Analytical comparative, aiming for depth in literary texts and their translations for cultural and linguistic understanding
- 14. Mr. David Wilson Statistics and Data Analysis Instructor Data-driven and hands-on, making use of software tools and case studies in teaching statistical concepts
- Dr. Yuki Hoshino Cross-Cultural Communication and Japanese Studies
   Experiential and interactive with an emphasis on intercultural competence built through simulations and discussions.
- 16. <<In Bold >>Mia Li<<In Bold >> Language Instructor

  Mia is dedicated to encouraging English- and Japanese-speaking students toward fluency through interactive and practical learning sessions.
- 17. <<In Bold >>Ethan Park<<In Bold >> Curriculum Developer
  Ethan designs holistic and integrated curriculum, drawing from both language and mathematics.
- 18. Sofia coaches and nurtures our learners to be successful in their studies and professional careers.
- 19. <<In Bold >>Kevin Zhao<<In Bold >> Technology Coordinator
  Kevin keeps our students in touch with the most up-to-date education technologies and resources.
- 20. <<In Bold >> Irina Novak<<In Bold >> Cultural Exchange Coordinator
  Irina organizes cultural exchange programs coupled with events that empower our learners.
- 21. <<In Bold >>Isabella Cruz <<In Bold >> Administrative Manager
  With a keen sense of the details, Isabella manages all the administrative tasks that help run our institute properly.

**Our Quality Commitment** 

Math and Language Synergy shall ensure that the best quality education is accorded to its students. The quality commitment of our institution reverberates through every single component of our programs, from the design of our curriculum down to how teaching is conducted. Here is how we can ensure that you will be getting excellent education:

#### Rigorous Curriculum Development

The curriculum is thoughtfully designed by an experienced team of educators and experts on different subjects. We ensure the updating of our content in terms of language and mathematics teaching methodologies so that our students get the most relevant and effective learning experience.

#### **Experience and Enthusiastic Educators**

We believe that great teaching starts with great teachers. Our faculty members are highly qualified, not only in their field of study but genuinely passionate about teaching. They apply a wide range of methods to accommodate different learning styles and truly make the classroom interactive.

#### Student-Centered Learning Approach

Student-centeredness is the core of our philosophy of education. We believe in personalized learning and encouragement of students for active participation in the learning process, enhanced by our small class sizes, so that our instructors can pay attention to and support each student towards the realization of their potential.

#### Innovative Teaching Methodologies

We use innovative teaching practices and educational technologies to enhance the learning experience. Lessons shall include interactive, engaging multimedia resources. Real world applications and collaborative projects will make learning enjoyable and meaningful.

#### Continuous Improvement and Feedback

Quality education is continuous in its improvement processes. We take regular feedback from our students and parents with all sincerity towards betterment of our programs. Continuous improvement ensures that we constantly excel in expectations of students and stakeholders.

#### Accreditation and Partnerships

Math and Language Synergy is accredited by major recognized educational bodies that uphold high academic standards in our programs' delivery. Further to this, we provide students with the latest resources and practical learning initiatives through our class-leading education partners and industry partners.

#### Supportive Learning Environment

Looking to provide students with a supportive and inclusive learning environment inside the classroom where they feel valued and motivated, a dedicated staff complemented with comprehensive support services will be available at any time to our students to deal with matters relating to academic, personal, and career issues.

(OpenAI, 2022)

#### **Services**

- Logo << Create Logo >>
- Navigation Links << Links to other pages>>
- Services Descriptions:

At Math and Language Synergy, we have services tailored to reach our diversified clientele. Our programs are geared toward promoting excellence in academic and professional potential at all levels of a student's life. Here is how our services can help people in distinct groups:

- 1. High School/College Students
- a) Advanced Academic Classes

We also provide advanced courses in English, Japanese, and Mathematics, amongst others, to those reaching out to enhance their academic resumes. Such classes build a base of knowledge, instill confidence, and give a student an edge in college applications and scholarship opportunities.

#### b) College and Scholarship Applicants

Personalized programmed that will help applicants highlight their language skills and problem-solving ability in Mathematics. Focused preparation in language skills and mathematics will help students express themselves during applications and interviews.

- 2. Young Professionals
- a) Career Enhancement

Courses in language and mathematics would be attractive to young professionals looking to enhance their career opportunities. Professionals with an additional advanced language skill, accompanied by a strong mathematical base, can increase their chances of getting better jobs and career growth.

#### b) Entry into Technological and Business Fields

Our programs target professional individuals who want to pursue technology, data analytics, or international business fields. Our institution offers students specialized training at our learning institution so that they are properly equipped with skills for these dynamic and competitive fields.

- 3. International Students
- a) English Language Proficiency

Our classes provide ample practice for non-native English speakers to excel in not only a native English-speaking academic environment but also in a business setting. Courses make the student prepared for successful education and employment in foreign lands.

b) Japanese Language and Culture

Our Japanese Language Programs benefit students seeking to do business in Japan's high-tech industry market. Our learning experiences will deeply submerge a student and harmoniously fit in Japan's professional landscape.

- 4. Parents with School-Going Children's
- a. After School Programs

We have made customized after-school programs that the parents will want to see their children improve in their language and math sets. Our programs provide a powerful base in language and math to the students, thereby securing their long-term academic and professional success.

#### b) Bilingualism and Excellence in Mathematics

We have programs touting the advantages of bilingualism and strong mathematical skills. For parents who believe in these advantages, we would be clearly operating in service to that vision for their children.

- 5. Career Changers
- a) Enter Bilingual and Analytical Careers

Our programs provide for the development of bilingualism and analytical skills for those intending to transition between careers. We are known for our retraining of career changers for all positions that require the application of these competencies but are involved in technology and finance.

- Image Gallery: High-quality visuals of products.

#### **List of Services**

Logo <<Create Logo>>

Navigation Links << Links to other pages>>

Comprehensive Services

- 1. Language Programs
- a) English Language Mastery

Absolute immersion in the English language—to improve fluency, communication skills, writing, and being loaded with cultural awareness.

Price: Semester cost - ZAR 9,000

b) Japanese Language Immersion

Absolute immersion in learning Japanese is closely related to practice in communication, reading and writing, plus the insights of the Japanese culture.

Price: Semester cost - ZAR 9,900

c) English for Academic Purposes

levels for high school and college students to develop skills in academic English, in turn enabling writing of essays and research papers.

Price: ZAR 10,800 per term

d) Business Japanese

course for professionals so that they can improve their business communication in Japanese.

Price: ZAR 11,700 per term

- 2. Mathematics Programs
- a) Advanced Algebra and Calculus

Advanced Algebra and Calculus as taught for High School and College candidates preparing for respective competitive examinations and more complex subjects in subsequent studies.

a) Applied Mathematics

This course involves the application of mathematics to real-world problems. It encompasses subjects like statistics, data analysis, and mathematical modeling.

Cost: ZAR 10,800 per semester

b) Mathematics for Career Enhancement

These courses aim to upskill the human resources at work with the need to enhance their mathematical abilities for industries aligned to Data Analytics, Finance, and Technology.

Cost: ZAR 11,700 per semester

d) Problem Solving and Critical Thinking

The course develops problem-solving and critical thinking skills with the help of some beautiful mathematical problems and exercises.

Price: ZAR 9,000 per semester

- 3. Integrated Programs
- a) Dual Language and Math Enrichment

Advanced English, along with Japanese Languages, followed by Mathematics to make the learning super fun.

Fees: ZAR 16,200 per semester

b) Academic Excellence Package

Advanced English, Japanese, along with Mathematics classes, for the students who want to excel and look at going to college for their scholarships.

Price: ZAR 21,600 per semester

c) Professional Development Package

Business Japanese, Applied Mathematics, and training in the professional language for better work prospects.

Amount: ZAR 24,300 per semester

- 4. Support Options
- a) Tutoring and Support

Type: Private Tutoring in English, Japanese, and Mathematics for lagging areas and recovery means.

- a) Cost per hour: ZAR 1,350 per hour
- b) Examination Training Camps

Camp: The camps are tailored for the student who seeks to prepare more for the balanced scoring test and exam results in English, Japanese, and Mathematics. A Camp costs ZAR 3,000 per camp.

c) Cultural Exchange Programs

c) Cultural Exchange Activity

Language improvement through activities of cultural exchange; students become part of cultural exchange activities, enriching their experience and knowledge of the language and culture.

Price: ZAR 4,500 per programmed

d) Study Abroad Counseling

This is made available for international students by processing application procedures and setting up the adaptation culture.

Price: ZAR 3,750 per consultation

e) Corporate Training

Tailor-made training packages on language and mathematics for any business wanting to upskill their employees

Price: ZAR 15,000 per course

(OpenAI, 2022)

**News** 

**News and Updates** 

Launching of New Course: Advanced Japanese Business Communication

Date: August 1, 2024

We feel elated to introduce our new course, "Advanced Japanese Business Communication." It is meant for professionals and students aspiring to enhance Japanese language skills in the context of business communication. This course shall develop the conversational, negotiating, and presentational skills in the Japanese language. Join this course today to get ahead in International Business!

Math and Language Synergy Hosts International Cultural Exchange Week

July 20, 2024

We just completed a very successful International Cultural Exchange Week! People from various countries participated in workshops, language immersion sessions, and cultural programs, making this event productive in international understanding, language practice, and networking. We are greatly indebted to each of you who participated and made the event one we shall never forget.

Student Success Story: Performing Well in Mathematics

July 10, 2024

Congratulations from our side! Our student, Thandi Nkosi, turns up with a full score sheet in the national mathematics Olympiad. She herself accredits high-scoring achievements like these to her personal coaching at Math and Language Synergy and intense preparation exercises. We are proud and beaming over her achievement and looking forward to so much more success for her.

Upcoming Event: Prep Workshop for Language Proficiency Test

Date: June 25, 2024

Ready your engines for the language proficiency test preparation workshop to be held on August 15, 2024. The trainers orient you on important tips and exercises to master English and Japanese proficiency exams. Be motivated to have early bird registration because we have very limited seating capacity.

Career Development

in partnership with top tech firms

Date: June 5, 2024

We are partnered with leading technological firms in the industry such as Tech Innovators Inc. and Future Solutions that shall offer special internship opportunities. An interest is in launching career development workshops tailored to students to connect education with industry.

(OpenAI, 2022)

#### **Contact Us**

- Logo <<Create Logo>>
- Navigation Links << Links to other pages>>
- Contact Info:

We would love to hear from you! For more information, if you have some questions about our programs or want to register for a class, write to us using the link below.

#### Math and Language Synergy

#### 11) Address:

123 Learning Lane Knowledge City, EDU 45678 Countryland

#### 12) **Phone:**

+1 (234) 567-8901

#### 13) **Email:**

info@mathlanguagesynergy.edu

#### 14) Business Hours:

Monday to Friday: 9:00 AM - 6:00 PM Saturday: 10:00 AM - 4:00 PM

# Sunday: Closed 15) Social Media:

a) Facebook: facebook.com/MathLanguageSynergy

b) Twitter: @MathLangSynergy

c) Instagram: @MathLanguageSynergy

d) Linkedin: linkedin.com/company/mathlanguagesynergy

Visit our website or join the Math and Language Synergy newsletter to get more information about what is happening today!

## 11. Copyright

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# **Gallery**



FIGURE 1 – HIGH SCHOOL & COLLEGE STUDENTS (Samkov, n.d.)

The photo is of a team of high school and college students revising for their language class. A student holding a notebook, revising the notes on it and another one working with language learning materials presented in laptop The other three students look to have engaged a discussion or explanation otherwise listening — centered around the student with a laptop. The background is a modern study room, and literacy resources are shown in the form of books with certain outline lighting. It captures a purposeful and vibrant time the students are spending to get ready for their lesson about language.



FIGURE 2 - YOUNG PROFESSIONAL

## (Neel, n.d.)

A young profesional sitting at a modern desk in her early twenties is sitting and working on the computer. She appears to be focused, wearing formal attire that gives a hint she might be in a dedicated workspace, homebased or placed inside a modern office. The screen isn't shown as one could make out by this focused expression and body language. Her desk is neat, with only a few items of personality in it: a notepad, a cup of coffee, hence evoking an air of professionalism with comfort. The scene depicts her interest in the language course and commitment to developing abilities for career growth.



FIGURE 3 - STUDENTS OF CAMPUS

(Fox, n.d.)

This picture was taken in a school environment where some students and their parents are gathered around a computer screen. The mother is actively participating, pointing out the screen and talking to her children who are studying closely the materials of a course in a foreign language. Young men from high schools up to universities copy the text of notes down while questioning things which implies that they are not absent-minded. This scene has so much light on it, it is also orderly as well as other educational resources can be seen at its back hence parents and learners are thought to be creating an enabling atmosphere for each other to improve on their language competencies.

## **Call to Action**

Math and Language Synergy excels in a unique combination of language and mathematics education. It provides each student with a unique, all-rounded set of skills to move around easily in the vastly networked modern world and be successful both in academic and professional fronts.

#### Conclusion

Math and Language Synergy is an incredibly important institution that practices holistic education by incorporating the study of language and mathematics, thus making the students adaptable to the developing world. This is done by combining proficiency enhancement in both English and Japanese languages, together with the knowledge of mathematics that the students have, thereby preparing them well for success in academics and profession simultaneously.

The website is tailored to increase engagement and visibility for the institute, and to give a platform relevance to prospective students and their families in understanding the different programs and services offered. Course details, profiles of faculty members, and contacted contact details will be useful to students making inquiries into programs of interest. It will do so by attracting a wide audience to the website—everyone from high school students searching for advanced classes to working professionals seeking better sources of income and, career advancement—by letting them in on the innovative approach it has taken toward education and its commitment to excellence.

The online presence will be of skillful use in expanding the scope and enhancing the image of Math and Language Synergy, with an equally vibrant educational ecosystem. Its website will ensure that students and professionals get a chance to use this blend of skills effectively and survive the globally interconnected world towards reaching their full potential.



FIGURE 4 - MATH AND LANUAGE SYNERGY (Higaki, 2024)

# **Documented Improvements**

# Part 1: Research and Initial Development

#### Research

- 1. Conducted thorough research on relevant topics to inform the development process.
- 2. Gathered insights and best practices related to web design and functionality.

#### **Process Documentation**

- 1. Compiled a detailed process document outlining the steps taken during the project.
- 2. Included objectives, methodologies, and outcomes to ensure clarity and consistency throughout development.

#### **Webpage Development**

- 1. Created initial webpage layouts using HTML for the main pages of the website.
- 2. Focused on structuring content effectively for improved user experience.

# Part 2: Styling and Enhancements

#### **CSS External Stylesheet**

- 1. Developed an external CSS stylesheet to manage the website's visual styling.
- 2. Ensured consistency across all pages by linking the stylesheet in the HTML files.

#### **Improvements**

- 1. Enhanced the "About Us", "Index" page to provide clearer information.
- 2. Added the hamburger menu for all the webpages for mobile.

# **Assets**

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