

Term 2 ELAs

| Category | ELA | Weekday | No. of Lessons in Term 2 | Level | | | | | | Learning Objective(s) | Focused Character Strengths | Term 2 ELA Fee |
|-----------------|---|----------------------|--------------------------|-------|----|----|----|----|----|--|---|----------------|
| | | | | S1 | S2 | S3 | S4 | S5 | S6 | | | |
| Popular Culture | Language Learning: Japanese - Wednesday (Open for Enrolment) | Wednesday | 10 | ✓ | ✓ | ✓ | ✓ | ✓ | | Provide students with opportunities to learn, practice the new language that students got interested in. To explore the cultural diversity of Japan through learning the language. | Creativity, Love of Learning, Perseverance, Curiosity | \$350 |
| Service | City Focus (Open for Enrolment) | Flexi Time | | ✓ | ✓ | ✓ | ✓ | ✓ | | 1. To enhance students' understanding of the Hong Kong society, China and the world through different field visits, interactive human library reading activities and various external competition/ elite program opportunities. 2. To develop students a range of skills (including critical thinking skills, creativity, problem solving skills, communication skills and leadership skills etc.) through participating in the aforementioned activities and organizing various L&S/ CS/LS related activities. | Creativity, Love exploring, Judgment, Love of Learning, Perspectives | \$0 |
| Service | HKUGA Media Team (Open for Enrolment) | Flexi Time | | ✓ | ✓ | ✓ | ✓ | ✓ | | Through serving in various school events, you will be able to gain hands-on experience that allows you to heighten their photography, video, and journalism skills. | Teamwork, Appreciation of Beauty and Excellence, Creativity, Perseverance | \$0 |
| Service | Stage Operation Team (Open for Enrolment) | Flexi Time | | ✓ | ✓ | ✓ | ✓ | ✓ | | Students will work with a big team and gain some hands-on experience in... • Assist to run the school big event in school hall with technical support. • Develop students' problem solving skill and communication skill through teamwork. | Teamwork Perseverance Leadership Zest | \$0 |
| STEM | 3D animation using Minecraft (Open for Enrolment) | Monday | 10 | ✓ | ✓ | | | | | 1. To produce 3D animations and story 2. To learn simple programming using red stone 3. To join competitions | Creativity, Love of Learning, Teamwork | \$50 |
| Wellbeing | Introduction to Personal Finance (Open for Enrolment) | Thursday | 10 | ✓ | ✓ | ✓ | ✓ | ✓ | | Take the first step to wealth building and learn to manage your own finances. In this course, you will be learning budgeting, saving and compounding interests, leveraging and avoiding debt and evaluating risk and reward. | Self-regulation Judgement Perspective Curiosity | \$400 |
| Art | Ceramic Creative House | Tuesday | 9 | ✓ | ✓ | ✓ | ✓ | ✓ | | The ceramic sculpture provides a way to express creativity and beauty in 3-dimensional forms. We can manage and design a presentation with the clay nature involving positive and negative spaces. These end-products can be potential gifts for friends or family members when we want to give our beloved ones something special. | Creativity, Love of Learning, Curiosity | \$0 |
| Art | Junior Art Club | Friday | 10 | ✓ | ✓ | ✓ | | | | This ELA trains student's observation skills in still life sketching or painting in different mediums (based on student's choice). Students will be given feedback on their work to make consistent improvements throughout the sessions. A great way to hone skills and develop wellbeing. | Appreciation of Beauty & Excellence, Curiosity | \$0 |
| Language | 中文(粵語) 辯論 (Chinese Debate - Cantonese) | Friday | 10 | ✓ | ✓ | ✓ | ✓ | | | 加強學生的思維能力、演說技巧及團隊精神 | Teamwork, Social Intelligence, Bravery | \$1,450 |
| Language | 中史學會 (Chinese History Association) | Thursday (Week B) | 5 | ✓ | ✓ | ✓ | ✓ | | | 舉辦活動，以提供機會給學生發展領導才能。 增強學生對中國歷史及文化的興趣。 | Creativity, Curiosity, Perseverance, Teamwork | \$0 |

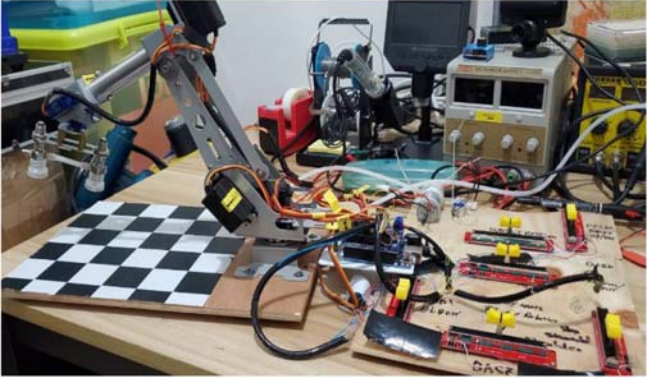
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| Language | Cross-curricular Project | Flexi Time | | | | | | | | | <p>The specific targets set for the cross-curricular project are multi-fold and are as follows:</p> <ol style="list-style-type: none"> To create an awareness of the interdisciplinary nature of knowledge through enriching and solidifying subject-specific knowledge (cross-curricular thinking) To enhance student orientation and motivation (student-centered learning) To promote reflection on subject-specific knowledge and methods (reflective learning) | Creativity, Teamwork, Leadership | \$0 |
| Language | English Book Club | Monday (Week B) | 5 | ✓ | ✓ | ✓ | | | | | <ol style="list-style-type: none"> Improve reading fluency while developing a passion for reading. Enhance communication skills when engaging in meaningful discussions about key themes, characters and events in a selection of books. Develop teamwork skills when participating in a competition. | Teamwork | \$0 |
| Language | English Debate** | Thursday | 10 | ✓ | ✓ | ✓ | ✓ | ✓ | | | <ol style="list-style-type: none"> To enhance students' research, reasoning and public speaking skills. To engage students in the authentic real-world problems and to develop a broader view of the world. To instill a greater sense of empathy and to acquire a repertoire of strategies in resolving conflicts. To prepare students for inter-school debating competitions through regular training. | Judgment, Love of Learning, Teamwork, Leadership, Creativity | \$0 |
| Language | Language Across the Curriculum (Junior)** | Thursday | 10 | ✓ | | | | | | | <ol style="list-style-type: none"> Equip students with the skills that help them in learning the academic content of different subjects. Provide students with opportunities to learn, practice and/or produce the language that is needed for them to excel in different subjects | Love of Learning, Perspective, Self-regulation | \$0 |
| Language | Language Across the Curriculum (Senior)** | Thursday | 10 | | | | | ✓ | | | <ol style="list-style-type: none"> Equip students with the skills that help them in learning the academic content of different subjects. Provide students with opportunities to learn, practice and/or produce the language that is needed for them to excel in different subjects. | Love of Learning, Perspective, Self-regulation | \$0 |
| Language | WING Scheme** | Flexi Time | | ✓ | ✓ | ✓ | | | | | To strengthen abilities in reading and writing | Love of learning | \$0 |
| Language | 中一課後語文提升班** | Monday | 10 | ✓ | | | | | | | <ol style="list-style-type: none"> 鞏固學生基本語文知識 培訓學生建立良好溫習習慣 提升學生自學能力 | Self-regulation, Love of Learning | \$0 |
| Language | 中二課後語文提升班** | Monday | 10 | | ✓ | | | | | | <ol style="list-style-type: none"> 鞏固學生基本語文知識 培訓學生建立良好溫習習慣 提升學生自學能力 | Self-regulation, Love of Learning | \$0 |
| Language | 中三課後語文提升班** | Monday | 10 | | | ✓ | | | | | <ol style="list-style-type: none"> 鞏固學生基本語文知識 培訓學生建立良好溫習習慣 提升學生自學能力 | Self-regulation, Love of Learning | \$0 |

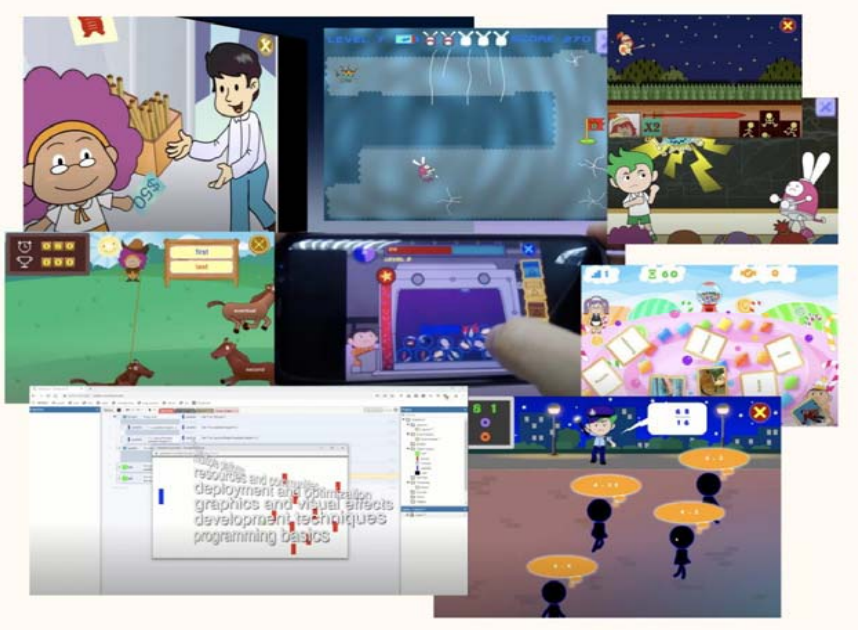
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| Music | Cello Class** | Friday | 10 | ✓ | ✓ | ✓ | ✓ | ✓ | | The Cello Class aims to provide substantial training to prepare students for participating in the school orchestra as cellists. To encourage music lovers to take up a new instrument and commit to our music school team, a portion of the course fee will be subsidized by the school if they become a member of the string orchestra. | Love of Learning, Persistence, Self-regulation | \$500 |
| Music | Clarinet Class** | Thursday | 10 | ✓ | ✓ | ✓ | ✓ | ✓ | | The Clarinet Class aims to provide substantial training to prepare students for participating in the school orchestra as clarinetists. To encourage music lovers to take up a new instrument and commit to our music school team, a portion of the course fee will be subsidized by the school if they become a member of the Wind Band. | Love of Learning, Persistence, Self-regulation | \$1,400 |
| Music | Double-Bass Class | Friday | 10 | ✓ | ✓ | ✓ | ✓ | ✓ | | The Double-Bass Class aims to provide substantial training to prepare students for participating in the school orchestra as bassists. To encourage music lovers to take up a new instrument and commit to our music school team, a portion of the course fee will be subsidized by the school if they become a member of the string orchestra. | Love of Learning, Persistence, Self-regulation | \$500 |
| Music | Euphonium Class | Monday | 10 | ✓ | ✓ | ✓ | ✓ | ✓ | | The Euphonium Class aims to provide substantial training to prepare students for participating in the school orchestra as euphonists. To encourage music lovers to take up a new instrument and commit to our music school team, a portion of the course fee will be subsidized by the school if they become a member of the Wind Band. | Love of Learning, Persistence, Self-regulation | \$2,200 |
| Music | French Horn Class | Tuesday | 9 | ✓ | ✓ | ✓ | ✓ | ✓ | | The French Horn Class aims to provide substantial training to prepare students for participating in the school orchestra as hornists. To encourage music lovers to take up a new instrument and commit to our music school team, a portion of the course fee will be subsidized by the school if they become a member of the Wind Band. | Love of Learning, Persistence, Self-regulation | \$450 |
| Music | Junior Choir** | Tuesday & Wednesday | 19 | ✓ | ✓ | ✓ | | | | The HKUGA College Junior Choir aims to provide an excellent platform for S1-S3 students who are enthusiastic in singing to perform captivating and bewitching pieces as a team. Under the baton of Ms Tammy Ho, students will learn how to sing harmoniously and gain performing experiences through concerts, workshops, competitions, or joint-school collaborations. | Appreciation of Beauty & Excellence, Persistence, Teamwork | \$665 |
| Music | Saxophone Class | Thursday | 10 | ✓ | ✓ | ✓ | ✓ | ✓ | | The Saxophone Class aims to provide substantial training to prepare students for participating in the school orchestra as saxophonists. To encourage music lovers to take up a new instrument and commit to our music school team, a portion of the course fee will be subsidized by the school if they become a member of the Wind Band. | Love of Learning, Persistence, Self-regulation | \$1,300 |
| Music | Senior Choir | Flexi Time | | | | | | ✓ | ✓ | The HKUGA College Senior Choir aims to provide an excellent platform for S4-S6 students (or boys with a changed voice) who are enthusiastic in singing to perform captivating and bewitching pieces as a team. Under the baton of Ms Tammy Ho, students will learn how to sing harmoniously and gain performing experiences through concerts and joint-school collaborations. | Appreciation of Beauty & Excellence, Persistence, Teamwork | \$850 |
| Music | String Orchestra** | Wednesday | 10 | ✓ | ✓ | ✓ | ✓ | ✓ | | The HKUGA College Orchestra aims to provide an excellent opportunity for all students who are enthusiastic and capable in playing a stringed instrument to perform captivating and bewitching pieces as a team. Through various performances and competitions, students will learn how to play harmoniously under the baton of Mr. Samuel Huang. | Appreciation of Beauty & Excellence, Persistence, Teamwork | \$600 |
| Music | Viola Class** | Tuesday | 9 | ✓ | ✓ | ✓ | ✓ | ✓ | | The Viola Class aims to provide substantial training to prepare students for participating in the school orchestra as violists. To encourage music lovers to take up a new instrument and commit to our music school team, a portion of the course fee will be subsidized by the school if they become a member of the string orchestra. | Love of Learning, Persistence, Self-regulation | \$450 |
| Music | Wind Band** | Friday | 10 | ✓ | ✓ | ✓ | ✓ | ✓ | | The HKUGA College Wind Band aims to provide an excellent opportunity for all students who are enthusiastic and capable in playing a stringed instrument to perform captivating and bewitching pieces as a team. Through various performances and competitions, students will learn how to play harmoniously under the baton of Mr. Ocean Yip. | Appreciation of Beauty & Excellence, Persistence, Teamwork | \$700 |
| Popular Culture | Business Club** | Flexi Time | | | | | | | ✓ | To arouse and deepen students' Business and Economics knowledge, skills and values through an authentic business experience. | Creativity, Persistence, Teamwork | \$0 |

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| Popular Culture | 中國文化大使 (Chinese Culture Student Ambassadors) | Monday (Week B) | 5 | ✓ | ✓ | ✓ | ✓ | ✓ | 由老師引導及協助學生，讓學生構思和組織不同創新有趣的文化活動，提升學生對中國文化的興趣和認識。例如制定活動主題及形式、活動流程、資料蒐集、錄製拍片、章程、比賽規則、宣傳、撰稿及校對、投票等。 | Appreciation of Beauty & Excellence, Creativity, Teamwork | \$0 |
| Popular Culture | 中文戲劇 (Chinese Drama) | Monday | 10 | ✓ | ✓ | | | | <ul style="list-style-type: none"> 提升學生對戲劇元素的認識，如：演員（角色演繹、形象設定）、劇本（潛台詞、舞台提示、戲劇張力等）、場地（音效、燈光、布置等）等。 提供學生演練戲劇的機會，包括：動作、聲量、語調、神情、走位等。 提升學生對中國古代經典篇章、人物軼事、成語典故、文化知識等的認識。 提升學生的閱讀、寫作、聆聽、說話能力。 培養學生中國文化涵養及品德情意。 | Love of Learning, Perseverance, Humility, Gratitude | \$0 |
| Popular Culture | 中文校報 ** (Chinese Editorial Board) | Thursday (Week B) | 5 | | ✓ | ✓ | ✓ | ✓ | 跟從資深記者學習新聞訪問、寫作的技巧 | Perspective, Love of Learning | \$0 |
| Popular Culture | Chinese Chess | Thursday | 10 | ✓ | ✓ | ✓ | ✓ | ✓ | To develop students' Chinese Chess ability and competition skills through regular training both physically and theoretically in preparation for competitions. | Leadership, Perseverance, Self-regulation, Curiosity | \$1,250 |
| Popular Culture | Dance: Hip Hop | Wednesday | 10 | ✓ | ✓ | ✓ | ✓ | ✓ | To develop students' Hip Pop Dance ability and competition skills through regular training both physically and theoretically in preparation for showcases and competitions. | Leadership, Perseverance, Teamwork, Self-regulation | \$750 |
| Popular Culture | Dance: Jazz Funk | Tuesday | 9 | ✓ | ✓ | ✓ | ✓ | ✓ | To develop students' Jazz Funk Dance ability and competition skills through regular training both physically and theoretically in preparation for showcases and competitions. | Leadership, Perseverance, Teamwork, Self-regulation | \$675 |
| Popular Culture | English Editorial Board | Wednesday | 10 | ✓ | ✓ | ✓ | ✓ | ✓ | <ol style="list-style-type: none"> To help students improve their English writing skills To help students develop their interview skills To provide students an opportunity to see their work published | Creativity, Teamwork, Curiosity | \$0 |
| Popular Culture | Film Club | Wednesday | 10 | | ✓ | ✓ | ✓ | ✓ | The film club aims to be a fun space where students can cultivate their interest for films. Students will learn to appreciate and analyse how films tell stories through dialogues, costumes, colours, camera angles and more! | Curiosity, Judgement, Social Intelligence, Appreciation of Beauty and Excellence | \$0 |
| Popular Culture | Geography Club** | Flexi Time | | | | | ✓ | ✓ | To arouse and deepen students' Geography knowledge, skills and values through field study and external competitions. | Appreciation of Beauty & Excellence, Teamwork, Kindness | \$0 |
| Popular Culture | History Club** | Flexi Time | | | | | ✓ | ✓ | To arouse and deepen students' History knowledge, skills and values through organising museum visits and heritage trails, and joining in external competitions. | Appreciation of Beauty and Excellence, Teamwork, Curiosity | \$0 |
| Popular Culture | Language Learning: Japanese - Monday | Monday | 10 | ✓ | ✓ | ✓ | ✓ | ✓ | Provide students with opportunities to learn, practice the new language that students got interested in. To explor the cultural diversity of Japan through learning the language. | Creativity, Love of Learning, Perseverance, Curiosity | \$350 |

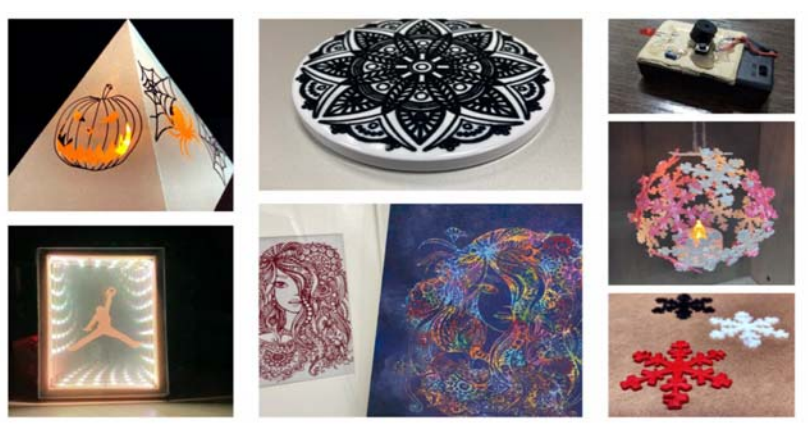
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| Popular Culture | Language Learning: Japanese - Thursday | Thursday | 10 | ✓ | ✓ | ✓ | ✓ | ✓ | Provide students with opportunities to learn, practice the new language that students got interested in. To explore the cultural diversity of Japan through learning the language. | Creativity, Love of Learning, Perseverance, Curiosity | \$350 |
| Popular Culture | Language Learning: Korean - Wednesday | Wednesday | 10 | ✓ | ✓ | ✓ | ✓ | ✓ | Provide students with opportunities to learn, practice the new language that students got interested in. To explore the cultural diversity of Korean through learning the language. | Creativity, Love of Learning, Perseverance, Curiosity | \$350 |
| Popular Culture | Language Learning: Korean - Friday | Friday | 10 | ✓ | ✓ | ✓ | ✓ | ✓ | Provide students with opportunities to learn, practice the new language that students got interested in. To explore the cultural diversity of Korean through learning the language. | Creativity, Love of Learning, Perseverance, Curiosity | \$350 |
| Popular Culture | Musical Production | Monday | 10 | ✓ | ✓ | ✓ | ✓ | ✓ | Provide excellent opportunities for passionate singers who also enjoy acting on stage to perform together in a Musical. This year we will be producing 'Legally Blonde', a renowned production which features a blonde girl, Elle Woods overcoming stereotypes and becoming a successful lawyer. | Appreciation of Beauty & Excellence, Love of Learning, Perseverance, Teamwork, Creativity | \$0 |
| Service | Air Cadet Corps | Saturday | 10 | ✓ | ✓ | ✓ | ✓ | ✓ | 1. To improve social communication through team building and group training activities. 2. To help students develop the positive values and follow instructions and regulations. | Perseverance, Teamwork, Kindness, Self-regulation, Leadership | \$0 |
| Service | Entrepreneurship and Innovation Program** | Flexi Time | | | | | | ✓ | 1. Understand and apply Design Thinking Skills 2. Understand the operation of Social Enterprises in HK 3. Plan for your products based on the specific areas 4. Interview / Communicate with entrepreneurs and social entrepreneurs 5. Deepen the understanding of user needs 6. Understand different issues or situations and discover problems that need to be improved or innovated 7. ESG understanding and exploration 8. Create an idea prototype 9. User test and improvement plan 10. Other relevant business theories and principles | Curiosity, Creativity, Collaboration, Conscientious, Empathy, Resilience | \$0 |
| Service | Hospitality Team** | Thursday (Week A) | 5 | | ✓ | ✓ | ✓ | ✓ | During the whole year, students would be provided with chance to apply the learned cooking skills to serve the school as hospitality team members. Outing may be included to increase the variety of activities involved. | Creativity, Love of Learning, Teamwork | \$0 |
| Service | Scouts | Saturday | 10 | ✓ | ✓ | ✓ | ✓ | ✓ | 1. To improve social communication through team building and group training activities. 2. To help students develop the positive values and follow instructions and regulations. | Perseverance, Teamwork, Kindness, Self-regulation, Leadership | \$0 |
| Service | St. John Ambulance | Saturday | 10 | ✓ | ✓ | ✓ | ✓ | ✓ | 1. To improve social communication through team building and group training activities. 2. To help students develop the positive values and follow instructions and regulations. | Perseverance, Teamwork, Kindness, Self-regulation, Leadership | \$0 |

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| Service | The College Insider Team | Flexi Time | | ✓ | ✓ | ✓ | ✓ | ✓ | In this ELA, you will work with a big team and gain some hands-on experience in... <ul style="list-style-type: none"> IT team: managing the content on College Insider and the maintenance of the website. Promotion team: promoting College Insider on and outside campus through activities and social media platforms. Design team: designing the webpage of College Insider and changing the layout from time to time; photo editing for Instagram posts and posters for activities. | Creativity, Teamwork, Social Intelligence, Leadership, Zest | \$0 |
| Service | Wellness United** | Thursday (Week A) | 5 | | | ✓ | ✓ | ✓ | Wellness United is a platform for our wellness ambassadors to promote mental health awareness to our student body. They can provide services to fellow students and advocate for self love and inclusivity. | Hope and Love | \$0 |
| Sports | Archery Team** | Tuesday | 9 | ✓ | ✓ | ✓ | ✓ | ✓ | Students will join the professional training so as to excel their performance. | Perseverance | \$450 |
| Sports | Athletics Team (High Jump) | Tuesday | 9 | ✓ | ✓ | ✓ | ✓ | ✓ | Students will join the professional training so as to excel their performance. | Bravery | \$900 |
| Sports | Athletics Team (Long Jump and Hurdles) | Tuesday & Thursday | 19 | ✓ | ✓ | ✓ | ✓ | ✓ | Students can excel their performance through professional training | Bravery | \$1,300 |
| Sports | Athletics Team (Throwing Events) | Tuesday & Thursday | 19 | ✓ | ✓ | ✓ | ✓ | ✓ | Students will have regular professional training sessions so as to excel their performance. | Perseverance | \$1,600 |
| Sports | Athletics Team (Track Events) | Tuesday & Thursday | 19 | ✓ | ✓ | ✓ | ✓ | ✓ | Students will join the professional training so as to excel their performance. | Perseverance | \$900 |
| Sports | Badminton Team - Team A** | Tuesday & Saturday | 19 | ✓ | ✓ | ✓ | ✓ | ✓ | Represent our school to join Inter-school badminton competition | Teamwork | \$910 |
| Sports | Badminton Team - Team B** | Saturday | 10 | ✓ | ✓ | ✓ | ✓ | ✓ | Havnig training to join the competition | Teamwork | \$400 |
| Sports | Basketball Boys Team (Grade AB)** | Thursday & Saturday | 20 | | | ✓ | ✓ | ✓ | Learning different skills and tactics of Basketball; represent our school to join inter school competitions. | Teamwork, Leadership, Preseverance | \$1,000 |
| Sports | Basketball Boys Team (Grade C)** | Thursday & Saturday | 20 | ✓ | ✓ | | | | Learning different skills and tactics of Basketball; represent our school to join inter school competitions. | Teamwork, Leadership, Preseverance | \$750 |
| Sports | Basketball Girls Team** | Wednesday, Friday & Saturday | 30 | ✓ | ✓ | ✓ | ✓ | ✓ | Learning different skills and tactics of Basketball and represent school to join the inter school competitions. | Teamwork, Leadership, Preseverance | \$1,500 |
| Sports | Fencing Team | Saturday | 10 | ✓ | ✓ | ✓ | ✓ | ✓ | Learning different skills and tactics of Fencing. | Bravery | \$450 |

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| Sports | Football Team** | Monday & Saturday | 20 | ✓ | ✓ | ✓ | ✓ | ✓ | Represent our school to join competitions. | Teamwork | \$1,500 |
| Sports | Handball Team | Saturday | 10 | ✓ | ✓ | ✓ | ✓ | ✓ | Learning different skills and tactics of Basketball and represent school to join the inter school competitions. | Teamwork, Leadership, Preseverance | \$1,000 |
| Sports | Rugby Boys Team | Tuesday | 9 | ✓ | ✓ | ✓ | ✓ | ✓ | Learning different skills and tactics of Rugby and represent school to join the inter school competitions. | Teamwork, Leadership, Preseverance | \$1,900 |
| Sports | Rugby Girls Team | Tuesday | 9 | ✓ | ✓ | ✓ | ✓ | ✓ | Learning different skills and tactics of Rugby and represent school to join the inter school competitions. | Teamwork, Leadership, Preseverance | \$1,900 |
| Sports | Table Tennis Team** | Tuesday | 9 | ✓ | ✓ | ✓ | ✓ | ✓ | To develop students' Table Tennis ability and competition skills through regular training both physically and theoretically in preparation for inter-school Table Tennis competitions. | Leadership, Perseverance, Teamwork, Self-Regulation | \$450 |
| Sports | Table Tennis Interest Group | Friday | 10 | ✓ | ✓ | ✓ | ✓ | ✓ | To develop students' Table Tennis ability and skills through regular training both physically and theoretically in preparation for joining Table Tennis Team in school. | Leadership, Perseverance, Teamwork, Self-Regulation | \$500 |
| Sports | Tennis Team | Saturday | 10 | ✓ | ✓ | ✓ | ✓ | ✓ | Represnt our school to join competitions. | Teamwork | \$1,150 |
| Sports | Volleyball Team (Grade AB)** | Tuesday & Saturday | 19 | | | ✓ | ✓ | ✓ | Learning different skills and tactics of Basketball and represent school to join the inter school competitions. | Teamwork, Preseverance | \$850 |
| Sports | Volleyball Team (Grade C)** | Friday | 10 | ✓ | ✓ | | | | Learning different skills and tactics of Basketball and represent school to join the inter school competitions. | Teamwork, Preseverance | \$500 |
| STEM | AI and Robotics 1 | Tuesday | 9 | ✓ | ✓ | ✓ | ✓ | ✓ | <p>Artificial Intelligence is a current topic of much interest. Most research shows this area of technology has a definite and dramatic impact to the world. Robotic Arm extends the application of AI to address real world physical problems.</p> <p>In fact, AI requires the use of advanced mathematics. Usually we need a good foundation on mathematical training. However, due to computer programming becoming more common in education environment, we can demonstrate the function and power to student by first following examples; i.e. we can play with AI. This can stimulate participants and they would independently develop their own interest on AI topics.</p>  | Curiosity, Appreciation of Beauty & Excellence, Creativity | \$2,025 |

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| STEM | Aviation and Flight Simulation** | Monday | 10 | ✓ | ✓ | ✓ | ✓ | ✓ | Flight simulators can familiarize a student with some basics of flying, which can give a leg-up over others who have never seen the inside of an airplane. This is especially beneficial if the student will be using an airplane in the flight sim that is equipped the same as the airplanes they may be flying. | Love of Learning Perseverance Teamwork | \$0 |
| STEM | Exploring Mathematics (S2)** | Thursday | 10 | | ✓ | | | | 1. To consolidate mathematical knowledge. 2. To Improve academic performance. | Perseverance | \$0 |
| STEM | Exploring Mathematics (S3)** | Thursday | 10 | | | ✓ | | | 1. To consolidate mathematical knowledge. 2. To Improve academic performance. | Perseverance | \$0 |
| STEM | Game Design | Thursday | 10 | ✓ | ✓ | ✓ | ✓ | ✓ | <p>Video gaming is the most addictive entertainment. Most parents try hard to make their children stay away from it. On the other hand, game development is a decent job. It can be a good idea to let the student learn with their own initiatives.</p> <p>Construct 3"" is a popular choice for 2-D game development. It's visual programming interface is a beginner friendly approach. The deliverable can be either executed locally on desktop PCs or mobile devices, through an Internet browser, or sell online at play / app stores. This module will cover the fundamentals of game development. Retro arcade games will be used as learning and teaching examples. This program covers the following topics:</p> <ul style="list-style-type: none"> · Programming basics: variables, functions, arrays, mathematical operators, loops, conditionals, input and output · Game development: collision detection, sprite and instances, background and parallax, head-up-display · Graphics and visual effects: animation, timeline and key-frame, particles, physic engine · Deployment and Optimization: export, debugging and performance monitor tool · Indie Developer: design philosophy, project management, asset library, distribution platforms, developer console | Curiosity, Appreciation of Beauty & Excellence, Creativity | \$2,500 |
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| STEM | HLMA Math Team** | Wednesday & Friday | 20 | | | | ✓ | | To provide training sessions and discussion platforms for the Hang Lung Mathematics Competition. | Perseverance, Creativity, Self-regulation, Teamwork | \$0 |
| STEM | Learning Mathematics with Lean** | Flexi Time | | | ✓ | ✓ | ✓ | ✓ | In this ELA, students will explore how to formalise mathematics using the Lean theorem prover, starting with “the natural number game”. Depending on their interest and progress, students are free to try a wide range of topics, such as set theory, logic, number theory and abstract algebra. | Curiosity, Love of Learning, Self-regulation | \$0 |

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| STEM | Mathematics Club | Friday (Week B) | 5 | ✓ | ✓ | ✓ | ✓ | ✓ | 1. To promote mathematics learning in daily life. 2. To let students learn math in a fun way. | Love of Learning, Curiosity | \$0 |
| STEM | Maths IMO (S1) | Monday | 10 | ✓ | | | | | 1. To enrich students' mathematical knowledge. 2. To increase students' curiosity about investigating how to solve questions mathematically. | Love of learning, Curiosity | \$700 |
| STEM | Maths IMO (S2) | Wednesday | 10 | | ✓ | | | | 1. To enrich students' mathematical knowledge. 2. To increase students' curiosity about investigating how to solve questions mathematically. | Love of learning, Curiosity | \$1,000 |
| STEM | Maths IMO (S3) | Wednesday | 10 | | | ✓ | | | 1. To enrich students' mathematical knowledge. 2. To increase students' curiosity about investigating how to solve questions mathematically. | Love of learning, Curiosity | \$1,000 |
| STEM | Maths IMO (Senior) | Wednesday | 10 | | | | ✓ | ✓ | 1. To enrich students' mathematical knowledge. 2. To increase students' curiosity about investigating how to solve questions mathematically. | Love of learning, Curiosity | \$1,000 |
| STEM | Programming Team (HKOI) | Tuesday | 9 | ✓ | ✓ | ✓ | ✓ | ✓ | Hong Kong Olympiad in Informatics (HKOI) is an annual software programming competition for secondary students in Hong Kong. It will emphasize on problem solving techniques and programming skills. The objective for this team is to train up student for the competitions | Love of Learning, Perseverance, Judgment | \$0 |
| STEM | STEM Team** | Flexi Time | | | | ✓ | ✓ | ✓ | To develop skills in STEM discipline and conduct research. | Teamwork, Love of Learning, Self-regulation | \$0 |
| | | | | | | | | | STEAM Education and First Experience in Maker Culture, using Digital Fabrication Tools Use of the following digital fabrication and hand tools: · 3D Printer · Polysher (post processing 3D printed pieces) · Laser Cutter · Smart Cutting Machine (Cricut) · Sublimation Printer · Heat Press · Soldering Iron · Mini Drilling Tool Use of Arduino Micro Pro for embedded projects | Curiosity, Appreciation of Beauty & Excellence, Creativity | |

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| STEM | STEAMaker 101 | Wednesday | 10 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | <p>Use of the following software:</p> <ul style="list-style-type: none"> · Automaker (slicer) · TinkerCad · Cricut Design Space (Control program for Electronic Cutter) · Inkscape · RDWorks (Control Program for Laser Cutter) · Arduino IDE <p>Skills covered</p> <ul style="list-style-type: none"> · Craftsmanship, 3D Printing, Vinyl/Paper-cutting, Laser Cutting · Soldering · DIY “Printed Circuit Board” Construction · Electronics · Arduino programming · Musical Pitches, Melody and Rhythm · Optical Principles <p>Preparing students for the more advanced STEAM classes, such as Robotics and Graphic Design.</p>  | | \$2,250 |
| STEM | Whitehat Hacker Workshop - Hacking Software and Hardware** | Friday | 10 | ✓ | ✓ | ✓ | ✓ | | | <p>Cybersecurity becomes more and more important these years, we see endless new attacks and malware which lead to great financial loss, public service disruption, reputational damages etc... The cybersecurity field needs passionate whitehat hackers to defend against the attackers and help the community to improve security awareness.</p> <p>The Workshop aims at training up a group of passionate students who want to contribute to the technology and even cybersecurity field. Hacking is a method of problem solving that combines logic, creativity, and research, the Workshop will include concepts and series of hands-on approach to help the students to establish a set of whitehat hacker skills and ethics.</p> <p>Cybersecurity becomes more and more important these years, we see endless new attacks and malware which lead to great financial loss, public service disruption, reputational damages etc... The cybersecurity field needs passionate whitehat hackers to defend against the attackers and help the community to improve security awareness.</p> <p>The Workshop aims at training up a group of passionate students who want to contribute to the technology and even cybersecurity field. Hacking is a method of problem solving that combines logic, creativity, and research, the Workshop will include concepts and series of hands-on approach to help the students to establish a set of whitehat hacker skills and ethics.</p> <p>Details: https://drive.google.com/drive/u/0/folders/1MhyTelOOsHcPFoe7ghUsYhWzJihXIJ4m</p> | Social Intelligence, Prudence, Self-Regulation | \$1,500 |
| Wellbeing | Art to Heart A | Tuesday (Week A) | 4 | ✓ | ✓ | | | | | Strengthening self-awareness and concentration skills through the process of making arts and crafts (such as Zentangle, DIY candles and digital painting). | Gratitude, Creativity, Love | \$0 |

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| Wellbeing | Art to Heart B** | Wednesday (Week B) | 5 | | | ✓ | ✓ | | | Strengthening self-awareness and concentration skills through the process of making arts and crafts (such as digital painting, Zentangle and DIY candles). | Gratitude, Creativity, Love | \$0 |
| Wellbeing | Fun House A | Wednesday (Week A) | 5 | ✓ | ✓ | | | | | As the name suggests, it will be entertaining, thrilling and gives you an opportunity to bond and play with other people. | Social intelligence, Love of Learning, Teamwork | \$0 |
| Wellbeing | Fun House B** | Friday (Week B) | 5 | | ✓ | ✓ | | | | As the name suggests, it will be entertaining, thrilling and gives you an opportunity to bond and play with other people. | Social intelligence, Love of Learning, Teamwork | \$0 |
| Wellbeing | Glee Club A | Friday (Week A) | 5 | | ✓ | ✓ | ✓ | | | To strengthen self-awareness and self-confidence musically via singing and musical instruments. Glee encourages melody creation, song lyrics writing by students to a variety of music (e.g. pop, jazz, R&B, etc.). | Zest | \$0 |
| Wellbeing | Glee Club B** | Tuesday (Week B) | 5 | | ✓ | ✓ | | | | To strengthen self-awareness and self-confidence musically via singing and musical instruments. Glee encourages melody creation, song lyrics writing by students to a variety of music (e.g. pop, jazz, R&B, etc.). | Zest | \$0 |

**** Teacher Nomination/Audition/Selection is required**