

The 2nd issue of *Gifted Gateway*, the HKAGE's magazine, has been released in the form of an e-newsletter, with contents covering the corporate event, the learning opportunities in the HKAGE, a research sharing on Programme Effectiveness: Pre/Post Test Study and the forthcoming student events from June to August. We hope this quarterly e-newsletter can provide student members, parents, educators and people who are interested in gifted education with a source of information and we sincerely wish that this will facilitate student members' applications for our programmes.

Corporate event

The Gifted Education Dinner for Exchanging Views and Experience

The Hong Kong Academy for Gifted Education (HKAGE) aims at becoming a regional knowledge hub, build partnerships with like-minded institutions and stakeholders such as gifted students, parents and teachers, and promote the development of local gifted education by means of cooperation.

To show our gratitude for stakeholders' ongoing support, we invited a number of programme instructors and parent members to the Gifted Education Dinner on 22 January evening.

"The teachers' efforts, parents' support and alumni's participation are all indispensable for promoting gifted education. By interaction and exchanges, we can come up with new concepts and good ideas," said Professor Ng Tai Kai, Executive Director of the HKAGE. He hoped the dinner could strengthen the ties between instructors, parents and the HKAGE, and facilitate the exchange of ideas and experience among the stakeholders.

The dinner was attended by programme instructors from different educational institutions and parents of student members, who have been actively participating in the HKAGE activities. In a relaxing and enjoyable atmosphere, the instructors talked about their teaching experiences at the HKAGE during the dinner, where some parents also shared with one another their feelings about participation in the HKAGE activities.



Learning opportunities in HKAGE

We offer high quality and challenging programmes and services to students in different learning areas. In this issue, we would like to highlight the Humanities Domain.

The Humanities programmes that we offer cover the following subject areas:

- Chinese Language and Literature
- English Language and Literature
- Philosophy
- Psychology
- History
- Cultural Studies
- Journalism, etc.

These programmes are all designed for students to develop critical and creative thinking, foster an attitude of inquiry, and promote learning interest and self-directed learning.

A holistic transdisciplinary approach is adopted in the study of the Humanities. In our Humanities programmes, students are posed with cross-disciplinary issues and are engaged in processing information for synthesis, analysis, interpretation and evaluation to develop multiple solutions for the complex issues in our modern time.

The study of the Humanities stresses life values and the values of the significant people and events in history. Students are guided to develop an understanding of competing values and the importance of taking a moral stance, alongside with their intellectual development, in our Humanities programmes.

Our student members are given ample opportunities to pursue their knowledge, broaden their perspectives and reflect on their life values in the Humanities studies here at the HKAGE. These are all invaluable learning opportunities and experiences on top of those that regular schooling provides.

Highlights of Humanities Programmes in Summer 2016

In the coming summer, over 20 Humanities programmes will be offered to our primary and secondary student members. A few are highlighted in the following:

Primary Programmes

Chinese Creative Writing: To Be a Novelist (CLLP1121) Do you know what novels are? Do you aspire to be a novelist? This programme will be led by a professional writer, providing students with an opportunity to discover the fun of writing a novel. Through understanding the structure of novels, enjoying your peers' work and creating short stories, you will be able to turn your ideas into words and start your journey to be a writer.



Students' feedback:

- This programme gave me the opportunity to learn various literary devices and writing skills in novels, and inspired me to write novels on different themes.
- The programme developed my writing skills and creativity. I'd like to thank my teacher for making the lessons so interesting. I've learnt a lot from her.
- After completing this programme, I'm more confident in continuing my unfinished novel.

Philosophy: Movies, Ethics and Our Life (HUMP1321)

This course provides an introduction to Ethics in Philosophy, focusing on developing your ethical awareness, reflection and moral reasoning skill. Through movie appreciation and group discussion, you will analyse everyday life ethical problems by using reasoning and reflective skills.

Students' feedback:

- I watched a lot of awesome movies in the programme and learnt more about many philosophic issues of life. I look forward to joining it again.
- This programme was so fun and fruitful. It connected some unexpected issues with movies, enabling us to learn philosophy in a pleasant and interesting way.
- I'm so thankful to the HKAGE for organising this programme, and I also want to thank my teacher for her instruction and efforts. The class brought me a lot of knowledge. I want to apply what I learnt from it and see every experience in my life from a different angle!



Secondary Programmes

Summer (English) Debate Camp (ELLS2212)

Hear ye, hear ye! Polish the points. Think fast on the feet. Take down the opponents! In this summer debate camp, we will learn and master the techniques of formal debate. Research into hot topics both locally and globally; prepare winning arguments; work on rhetoric and public speaking skills; and take on opponents in a modified version of Parliamentary debate.

Students' feedback:

- I have learnt a lot about different skills and techniques of constructing arguments and rebuttals.
- It's my first attempt of English debate and this course has given me a really great experience!



Students having mini debates in groups.

Future Curator Training 2016 (HUMS1011)

This course is designed for secondary students with great potential or performance in studying history to help them reinforce their knowledge and develop their full potential. The training aims to enhance students' knowledge about the scope of duties of museum curators through thematic talks, visits, sharing session with curators and project-based learning.

Students' feedback:

- The programme gave us an extra opportunity to understand the operation of a museum and the relation between history and monuments.
- Entirely different experiences, entirely different skills, and entirely different gains.

Student Conference Highlight

The 2nd HKAGE Student Biennial Conference – Inspire Ideas, Ignite Intellects

The 2nd Student Biennial Conference organised by The Hong Kong Academy for Gifted Education (HKAGE) was held successfully on 31 Oct 2015. The Conference entitled “Inspire Ideas, Ignite Intellects” attracted many secondary and primary students in Hong Kong to join. In his opening speech, Professor Ng Tai Kai, Executive Director of the HKAGE, said that all the shortlisted study projects were the fruits of the students’ hard work, and the Student Conference provided them with the opportunity to share their learning achievements with their peers.



Welcoming Speech by Prof Ng Tai Kai, Executive Director of the HKAGE.



Group photo with the keynote address speaker and members of the Board of Directors, Finance and General Affairs Committee and Academic Programme Development Committee of the HKAGE.



Dr Catherine K. K. Chan, Deputy Secretary for Education of the Education Bureau presented certificates to student finalists of the Conference.



Group photo with Prof Ng and the Panel of Adjudicators of the Conference.

In the keynote address straight afterwards, Mr Lee Chi Wo, Daniel, Lecturer of the Department of Sports Science and Physical Education at The Chinese University of Hong Kong and Former Olympic Games Hong Kong Triathlon Representative, shared his experiences in sports and key success factors with students. He attributed success to sufficient training and encouraged the students to endeavour to realise their ideals.



Keynote address “Train to succeed” by Mr Lee Chi Wo, Daniel, Lecturer of the Department of Sports Science and Physical Education at The Chinese University of Hong Kong .

Poster Exhibition

The Conference showcased 30 study projects covering the Mathematics and Sciences field and the Languages and Humanities field. 6 outstanding projects had been selected and the students who led these projects were given the opportunity to share their study ideas, thoughts and achievements with their peers in the concurrent sessions. Most of the project topics were closely related to everyday life with both creativity and practicality.

For instance, the heart-warming Care Mug – In order for users to have a drink at the right temperature anytime, the students of Sha Tin Government Secondary School created the “Care Mug” which is capable of heating up and cooling down drinks as per user preference. The Mug can also serve as a temperature sensor and prompt the user when a hot beverage becomes ready to drink after being left to cool without turning on the cooling function. The features are really thoughtful.

Apart from presentation, the shortlisted students showcased their study achievements in poster format. During the exhibition, the posters caught the eye of many attendees who also asked questions and shared their ideas with the students conducting the projects. Some of these students believed that peer interactions can facilitate intellectual exchange and stimulate creativity, which is helpful in inspiring them to further study the relevant topics in the future.

A study to gauge the effectiveness of programmes has been conducted recently. A total of 293 students participating in the HKAGE programmes were involved. Students of a specific programme were asked to complete a self-rated questionnaire (which was on a scale of 1 (strongly disagree) to 8 (strongly agree)) during the first lesson of the programme. Then the students were invited to complete the questionnaire (same questionnaire with an altered order of items) again at the last lesson of the programme. Participating students were identified by their student numbers so that the two data sets could be matched with each other. Post-test results could then be compared with pre-test results of a student to examine the effectiveness of a specific programme. The bilingual questionnaire consisted of two components: content knowledge (intended learning outcomes, ILO) and generic skills.

1. Content knowledge: It consisted of a few items on a scale of 1 (strongly disagree) to 8 (strongly agree) in which students self-reported their knowledge in relation to the programme content. For each programme, the items were designed based on the ILOs of the programme, for example, "I can manipulate algebraic expressions", "I know how to analyse the content, forms and styles of creative writings".
2. Generic skills: Since the coverage of generic skills is broad, a focus was placed on one or two specific generic skills that were related to the subject and nature of a programme. In this study, four subscales (i.e. Problem Solving, Critical Thinking, Creative Thinking and Leadership) of Assessment Program for Affective and Social Outcomes (2nd Version) (APASO-II) were modified into an 8-point scale. Students were requested to self-report their skills level on each item ranging from 1 (strongly disagree) to 8 (strongly agree).

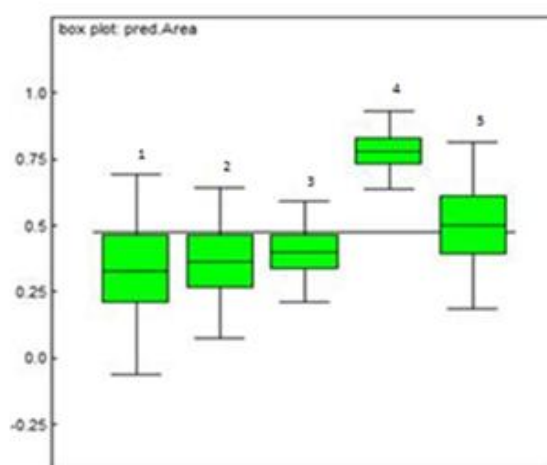
The study aimed to factorise all these observed changes, (Post-Pre) in terms (of the impacts) of domain and area concerned so that the effectiveness of each domain and area concerned could be gauged. The corresponding statistical model is outlined as follows:

$$\textit{The change observed (i.e., Post - Pre) = Overall baseline + Domain Effect + Area Effect + Noise}$$

From the empirical data collected, we have the following findings:

- (i) In general, an improvement was observed, after a student completed a course, which amounted to 0.474 (out of an 8-point scale).
- (ii) Improvements were observed in various areas, namely Creative Thinking (0.329), Critical Thinking (0.363), Problem Solving (0.400), ILO (0.778) and Leadership (0.500). As expected, the improvement for ILO was most prominent. All these improvements, except the one for Creative Thinking, were statistically significant.

Estimated improvements in different areas in the pre-post study



Notes: (1) Creative Thinking; (2) Critical Thinking; (3) Problem Solving; (4) Intended Learning Outcomes; (5) Leadership

(iii) Improvements were observed in various domains, namely Mathematics (0.442), Sciences (0.687), Humanities (0.441) and Leadership (0.325). All these improvements were statistically significant.

Simply speaking, the self-reported data indicated that a student showed improvements in content knowledge and generic skills when he completed the courses provided by the HKAGE in different domains.

Forthcoming Student Programmes and Events in June to August 2016 (Free of charge)
Application starts from 1 April 2016

Date	Programme / Event	Target Participant (HKAGE student members)
Humanities (Primary)		
11, 18 Jun 2016 9:30 a.m. – 12:30 p.m. and 2:00 p.m. – 5:00 p.m.	English Speaking: To be a Confident Speaker (ELLP1242) Application	P4 – P6
13, Jul 2016 9:30 a.m. – 12:30 p.m. and 2:00 p.m. – 5:00 p.m. 14, 15 Jul 2016 9:30 a.m. – 12:30 p.m.	Chinese Creative Writing: To Be a Novelist (CLLP1121) Application	P4 – P6
16, 23, 30 Jul, 6 Aug 2016 10:00 a.m. – 1:00 p.m.	Philosophy: Movies, Ethics and our Life (HUMP1321) Application	P4 – P6
20, 27 Aug 2016 9:30 a.m. – 12:30 p.m. and 2:00 p.m. – 5:00 p.m.	Art Appreciation and Culture (HUMP1711) Application	P4 – P6
Humanities (Secondary)		
11 Jun, 9 Jul 2016 2:00 p.m. – 5:00 p.m. 13 Aug 2016 10:00 a.m. – 1:00 p.m. 17 September 2016 10:00 a.m. – 1:00 p.m. and 2:00 p.m. – 5:00 p.m.	Comparative Literature - Tales of Shifting Homelands: Singapore and Hong Kong in Literature and Art (ELLS2262) Application	S4 – S6

9, 16, 23, 30 Jul, 6 Aug 2016 10:00 a.m. – 1:00 p.m.	Marriage and the Family (HUMS1610) Application	S1 – S3
16,17, 21 Jul 2016 2:00 p.m. – 5:00 p.m. 19 Jul 2016 10:00 a.m. – 1:00 p.m. and 2:00 p.m. – 5:00 p.m. 20 Jul 2016 10:00 a.m. – 1:00 p.m.	Historicising Experiences and Living Memories (HUMS1021) Application	S1 – S3
19, 21 Jul, 2, 4, 9 Aug 2016 2:30 p.m. – 5:30 p.m.	Application of Chinese Philosophy in Modern Life (HUMS1321) Application	S1 – S3
30 Jul 2016, 6, 13 Aug 2016 10:00 a.m. – 1:00 p.m. and 2:00 p.m. – 5:00 p.m.	Summer Debate Camp (ELLS2212) Application	S4 – S6
2, 9 Aug 2016 9:30 a.m. – 12:30 p.m. and 2:00 p.m. – 5:00 p.m.	From Lin Xi, Su Shi to Zhuangzi: Learn Chinese Literature from Cantopop Lyrics (CLLS1131) Application	S1 – S3
4, 11 Aug 2016 9:30 a.m. – 12:30 p.m. and 2:00 p.m. – 5:00 p.m.	Writing Skills: Write Like a Microblogger (CLLS1121) Application	S1 – S3
15, 16, 17, 18, 20 Aug 2016 9:00 a.m. – 12:00 n.n.	Travel Writing (ELLS1252) Application	S1 – S3
23, 25, 27 Aug 2016 9:00 a.m. – 12:00 n.n. and 2:00 p.m. – 5:00 p.m.	Chinese Debate (CLLS2161) Application	S4 – S6
13, 14 Jul 2016 10:00 a.m. – 1:00 p.m. and 2:00 p.m. – 5:00 p.m.	Law and Citizenship: The Nature of the Common Law (HUMS2912) Application	S4 – S6
Mathematics (Primary)		
14, 15, 18, 19 Jul 2016 9:30 a.m.–12:30 p.m.	Shape Up Your Math (MATP1311) Application	P4 – P6
14, 15, 18, 19 Jul 2016 1:30 p.m.–4:30 p.m.	Number Theory 1 (MATP1411) Application	P4 – P6
16 Jul 2016 8:30 a.m.–4:30 p.m. 23 Jul 2016 8:30 a.m.–3:30 p.m.	Open Up Your Mind 2 (MATP2912) Application	P4 – P6
19, 20, 21 Jul 2016 2:00 p.m.– 5:00 p.m. 26 Jul 2016 9:00 a.m.–12:00 n.n.	Perspectives on Junior Secondary Mathematics :Geometry (MATP2311) Application	P4 – P6
26, 27, 28, 29 Jul 2016 9:30 a.m.–12:30 p.m.	Fold Up Paper, Brush Up My Math (MATP1021) Application	P4 – P6
20, 27 Aug, 3, 10 Sep 2016 9:30 a.m.–12:30 p.m.	Math Magic and Algebra Enrichment 1 (MATP1211) Application	P4 – P6
Mathematics (Secondary)		
9 Jul 2016 9:30 a.m. – 11:30 a.m.	Enhancement Workshop for Online Learning Programme “Geometry I” (MATS1320) ¹ Application	S1 – S6
22, 25, 27, 29 Jul 2016 2:00 p.m. – 5:00 p.m.	Maths Ignition – Combinatorics (MATS1111) Application	S1 – S3
8, 10, 12, 15, 17, 19 Aug 2016 2:30 p.m. – 4:30 p.m.	Speaking of Statistics (MATS1720) Application	S1 – S3
3, 5, 8, 10, 12, 15, 17, 19, 22 Aug 2016 9:30 a.m. – 12:30 p.m.	Credit-bearing Course: Probability in Action – Part II (MATS3712) Application	S1 – S6
8, 11, 15, 18 Aug 2016 2:00 p.m. – 5:00 p.m.	Further Excursions in GeoGebra with Programming (MATS3210) Application	S1 – S6
12, 15, 17, 19 Aug 2016 2:00 p.m. – 5:00 p.m.	Maths Ignition – Geometry (MATS1112) Application	S1 – S3

¹ Priority will be given to student members who have enrolled in the online learning programme “Geometry I” (MAT0210)

23 – 26 Aug 2016 9:30 a.m. – 12:30 p.m.	Numbers Around Our Life (MATS1411) Application	S1 – S3
Sciences (Primary)		
4, 11, 25 Jun 2016, 2 Jul 9:30 a.m. – 12:30 p.m.	Computer Programming 1, Digital Game Design & Development 101 (TECP1211) Application	P4 – P6
14, 15 Jul 2016 9:30 a.m. – 2:30 p.m. 19 Jul 2016 9:30 a.m. – 11:30 a.m.	Acid-Base Chemistry 1, Crystal World (SCIP1141) Application	P4 – P6
14, 15 Jul 2016 9:30 a.m. – 4:45 p.m.	Metal Reactions (SCIP1161) Application	P4 – P6
Sciences (Secondary)		
27, 29 Jul, 1, 3, 5, 8, 10, 12 Aug, 2016 9:30 a.m. – 12:30p.m.	Synthetic Chemistry Course: Chemist in Laboratory III – Chemistry Connections with Daily Life (SCIS3123) Application	S4 – S6
18 Jul 2016 2:00 p.m. – 5:00 p.m. 19, 20, 21, 22, 25, 26 Jul 2016 9:30 a.m. – 12:30p.m. 27, 28, 29 Jul, 1, 2, 3 Aug 2016 2:00 p.m. – 5:00 p.m.	Software Development Credit-bearing Course: Coding Heroes of the Three Kingdoms (TECS4411) Application	S4 – S6
22, 23 Jul 2016 9:30 a.m. – 12:30 p.m. and 2:00 p.m. – 5:00 p.m.	Homeostasis Course (SCIS2271) Application	S1 – S3
Leadership (Primary)		
18, 19, 20 Aug 2016 9:30 a.m. – 12:30 p.m.	Distinguished Leaders in History (LEAP1151) Application	P5 – P6
Leadership (Secondary)		
21 – 27 Jul 2016	Delegation and Resources Allocation (LEAS2331) Application	S3 – S6
Personal Growth and Social Development (Primary)		
6 May 2016 (Briefing Session–for parents only) 7:00 p.m. – 9:00 p.m. 20 Jul – 24 Aug 2016 (every Wednesdays) 3:00 p.m. – 5:30 p.m.	“1+1” Group (7 sessions) (PGSPC0002) Application	P4 – P6 student members and their parents
6 May 2016 (Briefing Session–for parents only) 7:00 p.m. – 9:00 p.m. 8 Jul to 19 Aug 2016 (every Fridays) 6:30 p.m. – 9:00 p.m.	“1+1” Group (7 sessions) (PGSPC0003) Application	P4 – P6 student members and their parents
18, 20, 22, 25, 27, 29 Jul 2016 9:00 a.m.–1:00 p.m. [Choose any ONE session]	Let Us Shine! (PGSPWCC0007- PGSPWCC0013) Application	P4 – P6
3, 5, 8, 10, 12, 15, 17, 19, 22, 24, 26 Aug 2016 9:00 a.m.–1:00 p.m. [Choose any ONE session]	Let Us Shine! (PGSPWCC00014- PGSPWCC0032) Application	P4 – P6
Personal Growth and Social Development (Secondary)		
3 Jun 2016 6:00 p.m. – 8:00 p.m.	Fri-vers' nite: Shape your brain (PGSSS0005) Application	S1 – S6
18 Jun 2016 9:30 a.m. – 12:30 p.m.	Affective Education Workshop – Social Relationship (II) (PGSSW00008) Application	S1 – S3

3 Jul 2016 9:00 a.m. – 5:00 p.m.	Iron Gifted #5 Explore Hong Kong East Mystery (PGSSM0005) Application	S1 – S6
14 Jul 2016 2:00 p.m. – 5:00 p.m.	Career Interest Assessment Debriefing (PGSSC0005) Application	S6 or S6-to-be
14 - 27 Jul 2016	Service in Action Service Visit to Watoto Village, Uganda (Africa) (PGSSV0011) Application	S1 – S6 ²
15 Jul 2016 6:00 p.m. – 8:00 p.m.	Fri-vers' nite: Healing Hands (Season 1) - a Doctor's Life Story (PGSSS0006) Application	S1 – S6
16 Jul 2016 9:30 a.m. – 12:30 p.m.	Affective Education Workshop – Social Relationship (III) (PGSSW009) Application	S1 – S3
28 Jul, 11 Aug 2016 9:00 a.m. – 12:00 noon	Resume: Articulating Your Awesomeness (2 sessions) (PGSSC0006) Application	S5-to-be to S6-to-be
1 Aug 2016 8:30 a.m. – 5:00 p.m.	Iron Gifted #6 Stream trekking (PGSSM0006) Application	S1 – S6
5 Aug 2016 6:00 p.m. – 8:00 p.m.	Fri-vers' nite: Follow the Flow?! -Deal With Your Intensities (PGSSS0007) Application	S1 – S6
15 - 17 Aug 2016	Career and Life Planning 3-day Intensive Workshop [full attendance required] (PGSSC0003) Application	S4-to-be
18 Aug 2016 8:30 a.m. – 5:00 p.m.	Iron Gifted #7 Discovery @ Tung O Ancient Trail (PGSSM0007) Application	S1 – S6
Overseas Programmes		
7 - 14 Aug 2016	19th Wu Chien-Shiung Science Camp 2016 Application	S5-S6 preferred ³
16 Jul - 14 Aug 2016	Tsinghua Math Camp 2016 Application	Aged 15-18 ⁴

Tentative Student Programmes and Events in June to August 2016 (Free of charge)

Tentative Date	Programme / Event	Target Participant (HKAGE student members)
Humanities (Primary)		
Jul - Aug 2016	Law Everywhere (HUMP1921)	P4 - P6
Jul - Aug 2016	Thinking like a Historical Figure (HUMP1021)	P4 - P6
Jul - Aug 2016	To Be an Architect: Heritage Studies (HUMP1521)	P4 - P6
Jul - Aug 2016	To Be an Arborist: Knowing Tree, Knowing Me (HUMP1531)	P4 - P6
Jul - Aug 2016	Chinese Debate: Train Your Mind (CLLP1141)	P4 - P6
Jul - Aug 2016	Chinese Literature Appreciation (CLLP1111)	P4 - P6
Jul - Aug 2016	Chinese Writing and Creative Thinking (CLLP2121)	P4 - P6
Jul - Aug 2016	Chinese Speaking: How to Speak Eloquently (CLLP2151)	P4 - P6
Jul - Aug 2016	English Literature: I'm a Poet But I Don't Know It! (ELLP1212)	P4 - P6
Jul - Aug 2016	English Creative Writing: Writing with Style: Short Story and Novella (ELLP1222)	P4 - P6
Jul - Aug 2016	English Language: Acting and Drama Theory (ELLP1232)	P4 - P6
Jul 2016	Applied History: Enjoying the History (HUMP1011)	P4 - P6

² The net cost after sponsorship from the HKAGE will be HKD\$14,800.

(The HKAGE subsidises HKD \$10,000 for each student)

³ Lower form students with strong profile will also be considered. The net cost after sponsorship from the HKAGE will be around HKD\$1,000 - HKD\$1,200 per student.

⁴ The net cost after sponsorship from the HKAGE will be around HKD\$10,000 - HKD\$15,000 per student.

Jul 2016	Enhancement Workshop for Online Learning Programme - Introduction to Critical Thinking (HUMP1911)	P4 - P6
Aug 2016	Enhancement Workshop for Online Learning Programme - Introduction to Philosophy: Love of Wisdom (HUMP1331)	P4 - P6
Humanities (Secondary)		
14 May, 2, 3, 4, 5, 8 Aug 2016	Future Curator Training 2016 (HUMS1011)	S1 - S3
Jul - Aug 2016	Journalism and Media Studies (HUMS1810)	S1 - S3
Jul - Aug 2016	Sustainable Livelihood (HUMS2630)	S4 - S6
Mathematics (Primary)		
Aug 2016	Perspectives on Junior Secondary Mathematics: Probability and Statistics (MATP2711)	P4 - P6
Aug 2016	Perspectives on Junior Secondary Mathematics: Algebra (MATP2211)	P4 - P6
Aug 2016	Perspectives on Junior Secondary Mathematics : Numbers and Arithmetic (MATP2411)	P4 - P6
Mathematics (Secondary)		
Jun - Jul 2016	Advanced Counting Technique (MATS3510)	S1 - S6
Jul - Aug 2016	Introduction to Contract Bridge (MATS1930)	S3 - S6
Jul - Aug 2016	Equations and Identities (MATS2220)	S1 - S3
Aug 2016	Handling Sequences and Series (MATS2410)	S1 - S3
Aug 2016	Plane Geometry (MATS2310)	S1 - S3
Aug 2016	Mathematical Talk: Mathematical Games and Magic (MATT2910)	S1 - S3
Aug 2016	Survey Sampling and Data Analysis (MATS2720)	S1 - S6
Sciences (Primary)		
Jul - Aug 2016	Force and Motion (SCIP1042)	P4 - P6
Jul - Aug 2016	Tug of War Robot (TECP1111)	P4 - P6
Jul - Aug 2016	Forces and Newton's Law (SCIP1301)	P4 - P6
Jul - Aug 2016	Scavenger Robot Submarine (TECP2121)	P4 - P6
Jul - Aug 2016	Astronomy 1, Beyond the Sky (SCIP1401)	P4 - P6
Jul - Aug 2016	Basic Theoretical and Practical Chemistry (SCIP1302)	P4 - P6
Jul 2016	Welcome to the Cell World (SCIP1271)	P4 - P6
Aug 2016	Enzyme and Food Test (SCIP1303)	P4 - P6
Sciences (Secondary)		
Jun - Jul, 2016	Chemistry Core Programme (SCIS2101)	S1 - S3
Jun - Jul, 2016	Intermediate Course in Computer Game Design (TECS2431)	S1 - S3
Jul - Aug, 2016	Biology Core Programme (SCIS2201)	S1 - S3
Jul - Aug, 2016	Introductory Course in Finance (TECS1701)	S4 - S6
Jul - Aug, 2016	Intermediate Course in Game Theory (TECS2741)	S4 - S6
1 - 5 Aug 2016	Innovative Technology and Entrepreneurship Camp (TECS2341)	S1 - S4 ⁵
Aug 2016	Analytical Chemistry Course: The Inquisitive Analytical Chemist (SCIS2181) Application	S4 - S6
Aug 2016	Biomedical Science Course (TECS3502)	S4 - S6
Leadership (Primary)		
Jun - Aug 2016	Gifted Angels- Service Learning Projects (APPS2531&APPS2531A)	P4 - S6

⁵ The net cost after sponsorship from the HKAGE will be around HKD\$5,000 per student.

Leadership (Secondary)		
Jul 2016	Training for Peer Mentor (LEAS2571)	S4 - S6
Jul 2016	Leadership Speech: Speaking Like a Leader (LEAS1220)	S1 – S4
Jun – Aug 2016	Social Innovative Project (LEAS3541)	S3 – S6
Jul – Aug 2016	Unleashing Leadership (LEAS1160)	S1 – S3
Aug 2016	Planning and Goal Setting (LEAS1410)	S1 - S3
Aug 2016	Advanced Programme in Globalisation and Leadership (LEAS3142)	S4 - S6
Jun - Aug 2016	Gifted Angels- Service Learning Projects (APPS2531&APPS2531A)	P4 - S6
Multi-disciplinary Programmes (Primary)		
Jul - Aug 2016	Logic Concepts (MULP2011)	P4 - P6

For tentative student programmes and events, please visit our website

(<http://www.hkage.org.hk/en/student-programme/face-to-face>) for update information.

For online programme, please visit our website (<http://www.hkage.org.hk/en/student-programme/online>) for details.

For Programme Subsidy Scheme for Student Members, please visit our website

(<http://www.hkage.org.hk/students/student/programmes/subsidy-scheme/for-students>) for details.

For parent and educator programmes, please visit our website (<http://www.hkage.org.hk>) for details.