

Gifted Education Fund: Off-school Advanced Learning Programmes

Programme No. 2020-05 (For secondary students)

Title of Programme	Entrepreneurial STEM Programme
Programme Provider	Hong Kong Cyberport Management Company Limited (Supporting organisation: Jumpstart Media Limited)
Theme	<ul style="list-style-type: none">• STEM-related Mentorship Programme• Apprenticeship and Entrepreneurship Programme
Maximum No. of Participants and Class Level in the 2020/21 School Year	20 students (Secondary 4-5)
Pre-requisite	No special background knowledge or skills are required.
Programme Duration	About 4 months
Medium of Instruction	Course Material: English Class teaching/ Discussion: English
Objectives	<ul style="list-style-type: none">• To inspire gifted students and develop creativity by allowing them to explore creating and running their STEM-focused start-up companies;• To enhance students' understanding of STEM start-ups in Hong Kong and the steps of starting a STEM-focused business;• To equip them with essential skills in generating ideas, problem solving and execution through engagement in STEM-focused entrepreneurship;• To allow the outstanding students to gain authentic experiences in STEM start-ups through a full-time internship in a firm/ organisation; and• To develop their values and attitudes related to entrepreneurship spirit, perseverance, responsibility, etc.
Programme Outline*	<p>This programme gives gifted students an opportunity to explore creating and running their own STEM-focused start-up companies. Students will go through the steps of brainstorming, product-market fit, marketing, scaling, leadership, etc. The students will expose themselves to STEM-related entrepreneurship through experiential learning of the theories and practices related to STEM start-ups in Hong Kong and engagement in an internship programme. The programme will also nurture the values and attitudes of the students essential for their future development. The programme consists of five phases.</p> <p>Phase I</p>

	<ul style="list-style-type: none"> • 2 classes (3.5 hours each) for ice-breaking, team building, programme introduction, goal setting, brainstorming and experience sharing by guest speakers. <p>Phase II</p> <ul style="list-style-type: none"> • 18 classes (3.5 to 4 hours each) on a range of hot topics such as start-up essentials, leadership skills, artificial intelligence (AI), smart cities, fintech, product development, revenue model/pricing, pitching, market research, etc.; • case studies and “fire drills”; • site visits to start-up companies (e.g. Cyberport); and • discussion of start-up plan between the students and their mentors in weekly one-on-one consultation sessions <p>Phase III</p> <ul style="list-style-type: none"> • a rehearsal for the demo day on pitching techniques and presentation; and • a demo day for students to present their start-up plans to an audience <p>Phase IV</p> <ul style="list-style-type: none"> • The top three students will be given an opportunity for first pick in the list of internships. The best performer(s) will have an opportunity to publish an article on the online platform of the supporting organisation. Other students will also be assigned internships based on assessment results and their preferences. <p>Phase V</p> <ul style="list-style-type: none"> • Each student will write a report to reflect his/ her learning experiences. Debriefing sessions will be arranged to consolidate student learning <p>* In view of the COVID-19 epidemic, some sessions of the programme may be conducted online.</p>
Admission Fee	Free of charge
Application Method	<p>Application form can be downloaded from the following webpage:</p> <p>https://www.edb.gov.hk/en/curriculum-development/curriculum-area/gifted/ge_fund/gef/osalp.html</p>  <p>Please complete the application form and send it by post <u>on or before 15 April 2021 (now extended to 30 April)</u> to the following address:</p> <p>Jumpstart Media Limited 23/F On Building 162 Queen’s Road Central, Hong Kong (Attn: Ms Relena SEI)</p>

Documents to be Submitted along with the Application	<ul style="list-style-type: none">• Please include the following in Part IV Student's Self-introduction of the application form:<ul style="list-style-type: none">- Applicant's interest in the programme and areas of innovation and entrepreneurship• Evidence of Other Learning Experiences (if any)
Enquiry	Ms Relena SEI (CEO, Jumpstart Media Limited) Tel No.: 9258 9728 Email: relena@jumpstartmag.com
Date of Announcement of Result	By May 2021 (tentative)