


Gifted Education Fund: Off-school Advanced Learning Programmes

Programme No. 2021-14 (For secondary students)

Title of Programme	Become a STEM Founder: Guide to Start-up Success
Programme Provider	Jumpstart Media Limited (Supporting organisation: Hong Kong Cyberport Management Company 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 2021/22 School Year	20 students (Secondary 4-5)
Pre-requisite	No special background knowledge or skills are required.
Programme Delivery Period	From late May to October 2022 (around 5 months) (tentative)
Medium of Instruction	Course Material: English Class teaching/ Discussion: English
Objectives	<ul style="list-style-type: none"> • To enhance gifted students' understanding of the potential and opportunities of STEM start-ups in Hong Kong; • To empower students with the knowledge and skills to become a successful STEM founder as they go through the steps of setting up their STEM start-ups under guidance; • To allow students to gain authentic work experience in STEM start-ups; and • To develop gifted students' values and attitudes such as perseverance, entrepreneurial spirit and ethics in business.
Programme Outline*	<p>This programme aims to expose gifted students to STEM-related entrepreneurship through experiential learning of theories and practices related to establishing STEM start-ups in Hong Kong and engagement in a short-term work experience activity. The programme will also nurture positive values and attitudes essential for the future growth and development of the students. The programme consists of six phases.</p> <p>Phase I: Introduction to the programme (7 hours in total; 2 sessions)</p> <ul style="list-style-type: none"> • Major learning and teaching activities in this phase involve ice-breaking, team building, programme introduction, goal setting, brainstorming STEM-focused start-up ideas and experience sharing by guest speakers. <p>Phase II: Lectures, case studies, visits and mentorship (63 hours in total; 18 sessions)</p>

	<ul style="list-style-type: none"> • This is the core part of the programme which involves intensive lessons on a range of hot topics such as start-up essentials, leadership skills, artificial intelligence (AI), smart cities, fintech, product development, finance, revenue model/ pricing, pitching, legalities of start-ups, etc.; • case studies on STEM start-ups and traditional companies; • visits to start-up companies at Cyberport; and • mentor consultation time when each student group will be allotted a private consultation session to discuss its plan and get advices from its mentor. <p>Phase III: Student Pitching Demonstration (2 half days)</p> <ul style="list-style-type: none"> • a rehearsal for the demo day on pitching techniques and presentation; and • a 3-hour demo day (at Cyberport tentatively) for students to present their start-up plans to an audience comprising potential investors, start-up entrepreneurs, parents and other guests. <p>Phase IV: Work Experience Activity (details to be confirmed in due time)</p> <ul style="list-style-type: none"> • Students will acquire authentic work experience at a local start-up for about one week. The final arrangement will be subject to students' schedule and the development of the COVID-19 pandemic. <p>Phase V: STEM Unicorn Online Learning Game (8-12 hours)</p> <ul style="list-style-type: none"> • Students will take part in a STEM Unicorn online learning game which includes video clips, quizzes and decision tree games to help students consolidate their entrepreneurial and STEM-related knowledge and skills. <p>Phase VI: Post-programme Sharing and Debriefing (3-6 hours)</p> <ul style="list-style-type: none"> • Students will self-reflect and share their learning experiences during the debriefing session. Where appropriate, instructors will provide further advice conducive to students' development. <p>* In view of the latest development of the COVID-19 pandemic, the programme provider may need to modify the learning and teaching activities as a contingency.</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/programme/current.html</p>  <p>Please complete the application form and send it by post <u>on or before 16 May 2022</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 the section of Student's Self-introduction of the application form: - Applicant's interest in the programme and areas of innovation and entrepreneurship • Evidence of Other Learning Experiences (if any)
Enquiry	<p>Ms Relena SEI (CEO, Jumpstart Media Limited)</p> <p>Tel No.: 9258 9728 Email: relena@jumpstartmag.com</p>
Date of Announcement of Result	<p>By late May 2022 (tentative)</p>