

EDUCATION BUREAU CIRCULAR MEMORANDUM NO. 145/2022

From : Secretary for Education

To : Heads of Kindergartens, Primary and
Secondary Schools

Ref. : EDB(CD)/ADM/50/1/2(37)

Tel. : 2892 6680

Date : 1 September 2022

Curriculum Development Institute Application for Participation in Student Educational Activities and Events (September 2022)

(Note: This circular memorandum should be read by heads of all kindergartens, primary and secondary schools)

Summary

The purpose of this circular memorandum is to invite all kindergartens, primary and secondary schools to participate in the coming educational activities and events organised, co-organised or announced by Curriculum Development Institute, Education Bureau (EDB). When arranging learning activities for students, schools should ensure that the activities are in line with the learning goals and curriculum objectives, the learning needs of students are catered for, and the safety of students and teachers are taken into account. Please refer to the relevant circulars and guidelines issued by the EDB for the points to note in arranging activities.

Details

2. The educational activities and events are-

a) For kindergartens:

	<i>Key Learning Area/ Subject/ Cross Key Learning Areas</i>	<i>Title</i>	<i>For the attention/ action of</i>	<i>Remarks</i>	<i>Annex</i>
i)	Life-wide Learning	Joyful Fruit Month 2022/23	School heads	Schools that participated in Joyful Fruit Month in or after the 2019/20 school year will be automatically included in the list of participating schools in the 2022/23 school year. Other schools may visit the EatSmart@school.hk website (https://school.eatsmart.gov.hk/en/index.aspx) from 3 October 2022 onwards for details and registration	1

b) For primary schools:

	<i>Key Learning Area/ Subject/ Cross Key Learning Areas</i>	<i>Title</i>	<i>For the attention/ action of</i>	<i>Remarks</i>	<i>Annex</i>
i)	Life-wide Learning	Joyful Fruit Month 2022/23	School heads	Schools that participated in Joyful Fruit Month in or after the 2019/20 school year will be automatically included in the list of participating schools in the 2022/23 school year. Other schools may visit the EatSmart@school.hk website (https://school.eatsmart.gov.hk/en/index.aspx) from 3 October 2022 onwards for details and registration	1
ii)	Values Education (Moral, Civic and National Education)	2022 National Day Online Quiz Competition	School heads and teachers	Application Deadline: 5 to 22 September 2022 Competition period: 26 September to 5 October 2022	2
iii)	Values Education (Moral, Civic and National Education)	Learning activities of the Patriotic Education Centre	School heads and teachers	-	3
iv)	Values Education (Environmental Education)	Green Prefect Programme 2022/23	School Heads, Moral, Civic and National Education/ General Studies/ Extra-curricular Activities Coordinators and Teachers	Application deadline: 14 October 2022 (Friday)	4

	<i>Key Learning Area/ Subject/ Cross Key Learning Areas</i>	<i>Title</i>	<i>For the attention/ action of</i>	<i>Remarks</i>	<i>Annex</i>
v)	Physical Education and Arts Education	59th Schools Dance Festival	School Heads and Teachers-in-charge of Dancing Activities	Application Deadline: 12 October 2022 (Wednesday) Competition period: January to March 2023	5
vi)	Arts Education/ Visual Arts	Exhibition of Student Visual Arts Work 2021/22 - Virtual Exhibition	School heads and Visual Arts teachers	-	8
vii)	Arts Education/ Visual Arts	Exhibition of Student Visual Arts Work 2022/23 - Primary and Secondary Student Artworks	School heads and Visual Arts teachers	Submission of entries: 9 to 15 March 2023	9
viii)	Life-wide Learning	“Ricehelin” – Paddy Cultivation Reward Scheme (Chinese version only)	School Heads and teachers	Application Deadline: 30 September 2022 (Friday)	12
ix)	Science, Technology and Mathematics Education	InnoCarnival 2022	School heads, Primary School Curriculum Leaders, and teachers of General Studies	Event Period: 22 to 30 October 2022	13
x)	Science, Technology and Mathematics Education	e-STEAM@Home Award Scheme 2023	School heads, panel heads and teachers of General Studies	Application Deadline: 30 November 2022 (Wednesday)	17
xi)	Science, Technology and Mathematics Education	The 2nd STEM-Up HK Innovation and Technology Competition	School heads, panel chairpersons and teachers of Mathematics and General Studies	Application period: 1 September 2022 to 13 January 2023	18

c) For secondary schools:

	<i>Key Learning Area/ Subject/ Cross Key Learning Areas</i>	<i>Title</i>	<i>For the attention /action of</i>	<i>Remarks</i>	<i>Annex</i>
i)	Life-wide Learning	Joyful Fruit Month 2022/23	School heads	Schools that participated in Joyful Fruit Month in or after the 2019/20 school year will be automatically included in the list of participating schools in the 2022/23 school year. Other schools may visit the EatSmart@school.hk website (https://school.eatsmart.gov.hk/en/index.aspx) from 3 October 2022 onwards for details and registration	1
ii)	Values Education (Moral, Civic and National Education)	2022 National Day Online Quiz Competition	School heads and teachers	Application Deadline: 5 to 22 September 2022 Competition period: 26 September to 5 October 2022	2
iii)	Values Education (Moral, Civic and National Education)	Learning activities of the Patriotic Education Centre	School heads and teachers	-	3

	<i>Key Learning Area/ Subject/ Cross Key Learning Areas</i>	<i>Title</i>	<i>For the attention /action of</i>	<i>Remarks</i>	<i>Annex</i>
iv)	Values Education (Environmental Education)	Green Prefect Programme 2022/23	School Heads, Moral, Civic and National Education/ Personal, Social and Humanities Education Key Learning Area/ Citizenship and Social Development / Extra-curricular Activities Coordinators and Teachers	Application deadline: 14 October 2022 (Friday)	4
v)	Physical Education and Arts Education	59th Schools Dance Festival	School Heads and Teachers-in-charge of Dancing Activities	Application deadline: 12 October 2022 (Wednesday) Competition period: January to March 2023	5
vi)	Gifted Education	International Biology Olympiad – Hong Kong Contest 2022	Biology panel chairpersons and teachers, and teachers responsible for school-based gifted education	Please refer to the details on the website of the Hong Kong Academy for Gifted Education	6
vii)	Values Education(Financial Literacy Education) / Personal, Social and Humanities Education / Science, Technology and Mathematics Education	The 24th Consumer Culture Study Award	School Heads, Personal, Social and Humanities Education KLA, Science Education KLA, Technology Education KLA, Mathematics Education KLA, Moral, Civic and National Education co-ordinators and teachers	-	7
viii)	Arts Education/ Visual Arts	Exhibition of Student Visual Arts Work 2021/22 - Virtual Exhibition	School heads and Visual Arts teachers	-	8

	<i>Key Learning Area/ Subject/ Cross Key Learning Areas</i>	<i>Title</i>	<i>For the attention /action of</i>	<i>Remarks</i>	<i>Annex</i>
ix)	Arts Education/ Visual Arts	Exhibition of Student Visual Arts Work 2022/23 - Primary and Secondary Student Artworks	School heads and Visual Arts teachers	Submission of entries: - Senior secondary visual arts portfolios: 31 October to 5 November 2022 - Secondary student visual arts works: 9 to 15 March 2023	9
x)	Arts Education/ Visual Arts	“A Time to Remember” Digital Art Competition	School heads and Visual Arts teachers	Submission of entries: 27 April to 3 May 2023	10
xi)	Arts Education/ Visual Arts	“In Love with Town, Filming from Heart” Youth Photo and Short Video Competition	School heads, Arts Education Key Learning Area co-ordinators, Visual Arts teachers, and Life-wide Learning co-ordinators	Application Deadline: 30 September 2022 (Friday) (12:00 noon)	11
xii)	Life-wide Learning	“Ricehelin” – Paddy Cultivation Reward Scheme (Chinese version only)	School Heads and teachers	Application Deadline: 30 September 2022 (Friday)	12
xiii)	Science, Technology and Mathematics Education	InnoCarnival 2022	School heads, coordinators and teachers of Science, Technology and Mathematics Education Key Learning Areas	Event Period: 22 to 30 October 2022	13
xiv)	Science Education	Hong Kong Observatory Radiation Education Programme (2022/23)	School heads, coordinators and teachers of Science Education Key Learning Area	-	14

	<i>Key Learning Area/ Subject/ Cross Key Learning Areas</i>	<i>Title</i>	<i>For the attention /action of</i>	<i>Remarks</i>	<i>Annex</i>
xv)	Science Education	Astronomical Training Programme for Secondary Students 2022/23	Coordinators and teachers of Science Education Key Learning Area	Application period: 1 to 30 September 2022	15
xvi)	Science Education /Science, Biology, Chemistry, Physics, Integrated Science and Combined Science Technology Education / Computer Literacy, Information and Communication Technology, Design and Technology, Design and Applied Technology	The Joseph Needham Foundation for Science and Civilisation Public Lectures on STEM Education	Panel chairpersons and teachers of the Science Education and Technology Education Key Learning Areas	-	16
xvii)	Science, Technology and Mathematics Education	e-STEAM@Home Award Scheme 2023	School heads, coordinators and teachers of Science Education, Technology Education and Mathematics Education Key Learning Areas	Application Deadline: 30 November 2022 (Wednesday)	17
xviii)	Science, Technology and Mathematics Education	The 2nd STEM-Up HK Innovation and Technology Competition	School heads, coordinators and teachers of Science Education, Technology Education and Mathematics Education Key Learning Areas	Application period: 1 September 2022 to 13 January 2023	18

3. Details and Application Forms of the above activities and events are stipulated in the respective Annexes.

4. In addition, the EDB has created the **e-Gallery** website. It not only showcases Hong Kong students' learning achievements in different learning areas and celebrates their outstanding performance in whole-person development, but also provides information on a range of students' learning activities for schools' reference. For details, please visit <https://e-gallery.edb.edcity.hk/en/home/>.



Enquiry

— 5. In view of the latest development of the Coronavirus Disease 2019 (COVID-19) infection, details of the activities are subject to changes. For enquiries, please contact the respective **contact person** as listed in the respective Annexes.

Ms Yvonne SH LAM
for Secretary for Education

c.c. Heads of Sections – for information

Joyful Fruit Month 2022/23

Aims / Objectives

This is to invite all schools to conduct systematic activities to promote the habit of eating fruit among students. Through home-school co-operation, the "Joyful Fruit Month" aims to create a favorable environment in which students are encouraged to eat an adequate amount of fruit every day. This school year's "Joyful Fruit Month" event will take place in April 2023 and the slogan is "Eat Fruits Every Day, Enjoy Benefits All the Way".

Details

2. The project is co-organised by the Education Bureau, Department of Health (DH), Committee on Home-School Co-operation, and other organisations with support from the Federations of Parent-Teacher Associations in all districts.

3. Participating schools could organise related activities in a flexible way. Kindergartens may consider organising Fruit Diary Card Award Scheme, Vote for My Favourite Fruit, Fruit Colouring Game and Chess Game. Primary and special schools may consider organising Joyful Fruit Month Billboard Competition, DIY handicraft activity, Fruit Colouring Game, Tongue Twister Activity, English Crossword Puzzles or Fruit Origami Game. Secondary schools may form a teacher-led working committee to implement school-based fruit promotion activities so as to increase the total fruit consumption of the school community. Participating secondary schools may apply for a sponsorship of the School Healthy Eating Promotion Fund in this school year. Details and application forms are available in the "Joyful Fruit Month" thematic webpage.

4. The DH will provide relevant health education promotional materials such as banners, posters, pamphlets, teaching resources for the abovementioned activities as well as web-based resources to participating schools. To support the project, schools may choose to organise and design fruit promoting activities according to their school-based needs. The DH will acknowledge all participating and supporting schools on its "Joyful Fruit Month" thematic webpage. Schools that participated in Joyful Fruit Month in or after the 2019/20 school year will be automatically included in the list of participating schools in the 2022/23 school year. If schools wish to obtain materials, please fill in the material request form issued by the DH in due course.

5. All kindergartens, primary and secondary schools are encouraged to participate in the “Joyful Fruit Month”. Please visit the EatSmart@school.hk website (<https://school.eatsmart.gov.hk/en/index.aspx>) from 3 October 2022 onwards for details and registration.



Contact Person

6. Enquiry can be directed to the Joyful Fruit Month Secretariat at below contact:

Tel: 2772 2012

Fax: 2772 2060

E-mail: joyfulfruitmonth@dh.gov.hk

2022 National Day Online Quiz Competition

Aims / Objectives

This is to invite primary and secondary schools to participate in the captioned competition.

Details

2. National education is an integral part of the school curriculum, and it is the responsibility of schools to implement it. National education seeks to deepen students' understanding of our country's history, culture and development, the Constitution and the Basic Law, and the concepts and aspects of national security education. To enrich students' learning experience, the EDB will organise the "2022 National Day Online Quiz Competition". The competition aims to deepen students' understanding of the history, culture, achievements and conditions of our country with a view to enhancing their sense of national identity.

3. The competition questions will be set in either Chinese **OR** English according to participants' preference. The competition will be held online, and there is no limit on the number of participants from each school. Schools should log into their Principal, Teacher or School Administrator accounts of Hong Kong Education City to submit application from **5 September 2022 (Monday) to 22 September 2022 (Thursday)**, while participating students should log into their student accounts of Hong Kong Education City and take part in the competition **within 8:00 am to 6:00 pm** during the period from **26 September 2022 (Monday) to 5 October 2022 (Wednesday)**. For details, please refer to **Appendix 2a**.

Contact Person

4. For general enquiries, please contact the Moral, Civic and National Education Section 2, Curriculum Development Institute, Education Bureau on 3698 3173.

5. For enquiries about the Hong Kong Education City account, please contact Hong Kong Education City on 2624 1000 or by email at info@edcity.hk.



2022 National Day Online Quiz Competition Details

1. Target

- Primary Section: Primary 1- 6 students
- Secondary Section: Secondary 1- 6 students

2. Rules

- The competition will be held online, and there is no limit on the number of participants from each school.
- Questions will be set in either Chinese **OR** English. Participating student should follow the instruction on the competition website and select **ONE** language for the competition. Students are not allowed to change the language or log in again after they have chosen the language for the competition.
- Each student can only take part in the competition once. Any student who is found to have taken part in the competition more than once will be disqualified.
- Students are required to answer 15 questions within 10 minutes. The criteria for winning the competition are based on the highest accuracy in the shortest time.
- The competition does not have an appeal mechanism.
- Participating students should log into their student accounts of Hong Kong Education City on the following website and take part in the competition **within 8:00 am to 6:00 pm¹** during the period from **26 September 2022 (Monday) to 5 October 2022 (Wednesday)**.

URL	QR Code
<u>Primary section</u> www.edcity.hk/national-day-quiz/pri	
<u>Secondary section</u> www.edcity.hk/national-day-quiz/sec	

3. Awards

- The first 30 schools with the highest student participation rates will be presented with the “Most Active Participation Award” and prizes. If the participation rates are the same,

¹ IT support is available from Monday to Saturday from 8:00 a.m. to 6:00 p.m. The service is not available on Sundays.

the average score and time spent on answering questions will be compared to determine the winning school.

- A certificate of appreciation will be presented to each participating school and student.
- There are individual awards for each section, including the champion, the first runner-up, the second runner-up, and the merit award. The criteria for winning the competition are based on the highest accuracy in the shortest time.
- Students who have participated in the “Basic Law Student Ambassadors Training Scheme” launched by the Education Bureau will be awarded one point, and those who have won any individual award will be given one extra point.
- The result will be announced on the National Education One-stop Portal (www.edb.gov.hk/en/neosp) under “What’s New” in December 2022. Winning schools and students will be notified by letters.



4. Application

- Schools should log into their Principal, Teacher or School Administrator accounts of Hong Kong Education City (www.edcity.hk/national-day-quiz/reg) and submit a duly completed application form from **5 September 2022 (Monday) to 22 September 2022 (Thursday)**. In case schools fail to submit applications, students’ scores will not be counted even if they log into the captioned website to participate in the competition.
- Schools are advised to confirm that students’ Hong Kong Education City accounts for the current school year have been updated prior to the submission of their application forms, and make sure that the correct account information has been distributed to their students before the competition. Please approach the school administrator or the IT coordinator of the school for details. If further assistance is needed, please contact Hong Kong Education City.



5. Enquiry

- For general enquiries, please contact the Moral, Civic and National Education Section 2, Curriculum Development Institute, Education Bureau on 3698 3173.
- For enquiries about the Hong Kong Education City account, please contact Hong Kong Education City on 2624 1000 or by email at info@edcity.hk.

Learning Activities Organised by the Patriotic Education Centre

Aims / Objectives

This is to invite secondary and primary schools to participate in the learning activities organised by the Patriotic Education Centre (PEC).

Details

2. Supported by the HKSAR Government in January 2022, the Federation of Education Workers set up the PEC with a view to supporting the education sector in promoting patriotic and national security education, and nurturing students' sense of national identity and pride. The preparation work of the PEC was completed in July 2022 and its services began in September 2022.

3. The PEC fosters students' learning of *the Constitution, the Basic Law*, "one country, two systems" and national security education, etc. through a range of learning activities such as theme-based seminars, workshops and exhibitions. For enrolment and information of the PEC (provided by the PEC), please refer to Appendix 3a (Chinese version only).

Contact Person

4. For enquiries, please contact the PEC on 2770 0071.

愛國教育支援中心

背景：

香港教育工作者聯會於二零二二年一月獲香港特別行政區政府支持，成立愛國教育支援中心，旨在支援教育界推動愛國及國家安全教育，培養學生國家民族情懷。

中心各項籌建工作，得到香港特別行政區政府、中央人民政府駐香港特別行政區聯絡辦公室及社會各界人士和友好機構的大力支持，於是年七月順利完成，九月開始為支援香港愛國教育工作全面投入服務。

支援服務：

中心旨在加強支援教育界推動國家安全及國民教育，為學校提供全面的專業支援，務求讓教師掌握國情及國家安全的知識及教學法，以及升國旗的訓練。與此同時，中心配合課程發展需要，透過專題講座、工作坊及展覽，提供多元化的教育活動，讓學生從中學習《憲法》、《基本法》、「一國兩制」、國家安全等方面的知識。

主題展覽室介紹：

主題展覽室	展室內容介紹
(一) 憲法教育展覽室	<p>透過講解員以互動形式介紹中國憲法與香港基本法的關係。《憲法》是國家的根本大法，是全國機構、組織和全體公民的最根本行為準則；制定《基本法》和設立香港特別行政區是全國人民代表大會根據《憲法》作出的決定。專題展覽旨在讓參訪者加深了解《憲法》、《基本法》對我們日常生活的影響。</p> <p>此外，展室配合小學的常識科及中學的公民與社會發展科，為前線教師提供「憲法教育」、「一國兩制」及《基本法》的教材配套及學習資源。</p> <p>同時，於 1 樓設有「香港特區回歸時間廊」，讓參訪者了解香港 25 周年回歸大事。</p>

<p>(二) 中國近代史探索室及挑戰室</p>	<p>參訪者仿如走進電影院，獲得沉浸式的體驗，從 30 分鐘的聲光影中探索近代中國歷史從 1840 至 1949 年間的重要時刻，從而讓參訪者對國家歷史有所理解和認識。觀映結束後，配以生動活潑的繪本，在中國歷史挑戰室分組進行問答比賽，讓學生了解重要的史實。希望學生在課堂以外有一份新的感知，啟發他們進一步探索新知識。</p>
<p>(三) 國安教育展覽室</p>	<p>分設「國安教育主展覽室」、「國土安全展覽室」、「網絡安全展覽室」、「太空安全展覽室」四個展區，旨在讓學生明白：今天我們生活在互相緊密相連的地球村內，而非身處孤島之上，個人的一言一行都和國家安全息息相關。讓學生認識到國家及自身未來發展的機遇，更好地回饋社會及國家。</p>
<p>(四) 國情教育展覽室</p>	<p>展室以講述國家現況為主，聚焦中國重返聯合國後的成就、在國際上發揮的作用，帶出弱國無外交，建立民族尊嚴和自信的重要性。展室亦會配合生物多樣性、海洋日等國際日作專題展示。另外還設有「香港聯合國教科文組織協會模擬聯合國會議」，讓學生學習求同存異、解決衝突；設有「體驗式教學實驗室」，通過虛擬的環境進行活動，更可讓遠程姊妹學校進行同步交流學習。</p>

報名方法：

歡迎各中、小學組織學生參訪學習活動及安排教師發展日活動

中心網站	http://www.hkpec.hk
報名連結	https://forms.gle/XZ81aWc6CSSwiUoy6 
查詢	<p>(電話) 2770 0071 (傳真) 2770 1172 (電郵) info@hkpec.hk</p>

Green Prefect Programme 2022/23

Aims

This is to invite primary and secondary schools to join the captioned programme.

Details

2. The Environmental Campaign Committee (ECC), the Environmental Protection Department and the Education Bureau (EDB) have jointly organised the Green Prefect (GP) Programme for all primary and secondary schools in Hong Kong since 2020. The objectives of the programme are to facilitate schools in developing a group of energetic and resourceful Green Prefects (GPs) with deeper understanding of environmental issues, to arouse their peers' environmental awareness through encouragement and monitoring their green habits on campus, and ultimately help improve their schools' environmental performance.

3. Details of the programme are provided in **Appendix 4a**. Schools who wish to join the GP Programme in the 2022/23 school year are required to complete the **Registration Form** in **Appendix 4b** and return it to the ECC Secretariat by email to schools@epd.gov.hk or by fax at 2909 9516 **on or before 14 October 2022 (Friday)**.

Contact Person

4. For enquiries, please contact the ECC Secretariat on 2835 1738 or Ms Louisa LO of the Moral, Civic and National Education Section, Curriculum Development Institution of the EDB on 2153 7487.

Green Prefect Programme 2022/23

1. Introduction

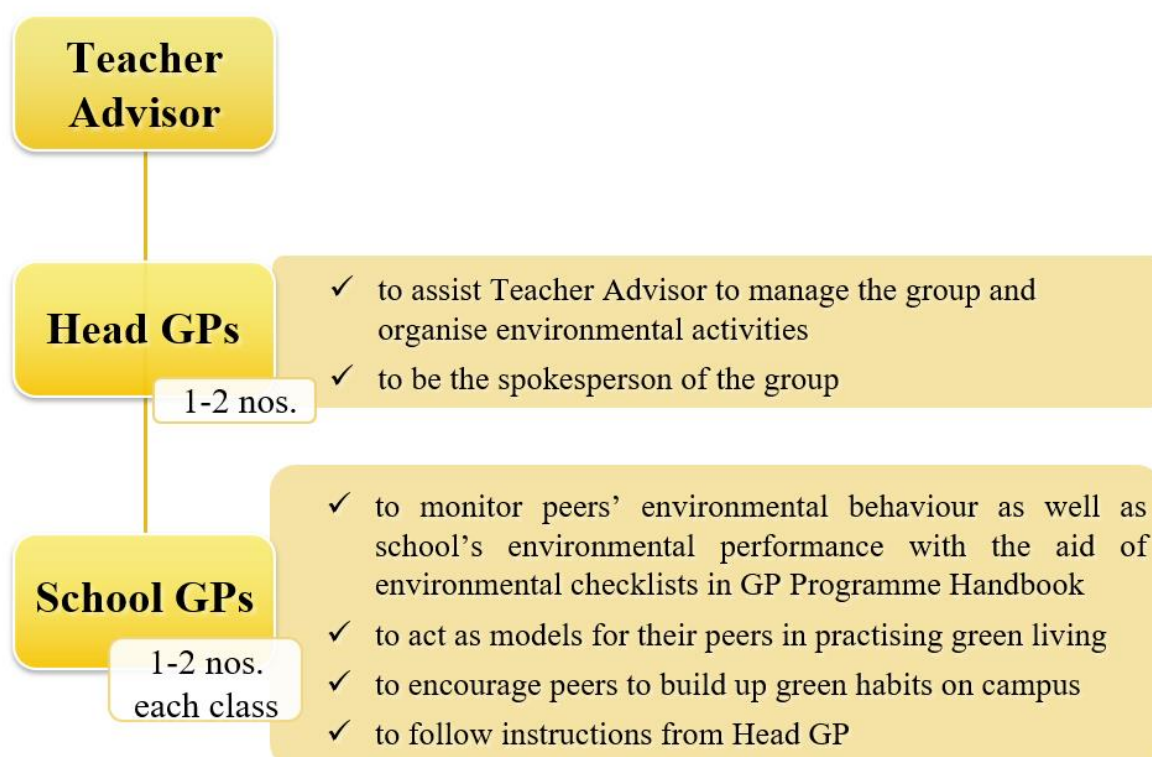
- 1.1 The Environmental Campaign Committee (ECC), the Environmental Protection Department and the Education Bureau (EDB) have jointly organised the Green Prefect (GP) Programme for all primary and secondary schools in Hong Kong since 2020.
- 1.2 Details of the programme are set out in the ensuing paragraphs.

2. Objectives

- To enhance environmental performance of the participating schools
- To develop a group of energetic and resourceful GPs with deeper understanding of environmental issues and act as models for their peers
- To enhance students' environmental awareness and build up green habits on campus

3. Green Prefect Programme

3.1 Recommended Structure of the GP Group and Responsibilities of GPs



3.2 Appointment

- Each class teacher is recommended to nominate not more than 2 GPs for his/her class or assign existing monitors/prefects to undertake the duties.
- Each school is recommended to assign not more than 2 Head GPs, usually from more senior classes in the primary or secondary school, directly responsible to the Teacher Advisor and rendering assistance in the management of the GP group.

3.3 GP Handbook and Badge

- Each participating school will be provided with a soft copy of the GP Programme Handbook (online version at <https://school.ecc.org.hk/en/resources/forms.html#gpp>) for distribution to GPs for carrying out their duties. The handbook contains not only environmental checklists for GPs to carry out their monitoring duties on campus on a monthly basis, but also best practices in various environmental aspects and environmental tips to broaden students' knowledge.
- A Big Waster (大嘍鬼) badge will be distributed to each GP to recognise their role. To ensure the proper use of resources, re-appointed GPs shall continue to use their existing Big Waster badges. The ECC will only issue new Big Waster badges to students who are selected as GPs for the first time, or those who need a replacement badge due to damage or loss.



3.4 Briefing Session and Helpline Enquiry Service

- To familiarise students and teachers of the participating schools with the GP Programme, the ECC will arrange the technical consultant (Outdoor Wildlife Learning Hong Kong Limited) of the Programme to conduct the following **Four Online Briefing Sessions** in October 2022:

Session	Language	Date and Time	Content
1.1 (Primary School)	Cantonese	19 Oct 2022 (Wednesday) 12:45 – 13:45	✧ A brief introduction to the GP Programme - Aims, structure and schedules of the Programme; and - Roles, responsibilities and duties of GPs
1.2 (Primary School)	English	26 Oct 2022 (Wednesday) 12:45 – 13:45	✧ Introduction to the content of the GP Programme Handbook - Best practices in different environmental aspects; - How to use the checklists to monitor peers' behaviour as well as school's environmental performance, based on school setting; - Recommended monitoring methods; and - Self-reflection
2.1 (Secondary School)	Cantonese	20 Oct 2022 (Thursday) 15:30 – 16:30	
2.2 (Secondary School)	English	27 Oct 2022 (Thursday) 15:30 – 16:30	✧ Experience sharing from past participating schools ✧ Supports to participating schools and students ✧ Q & A session

Note: The ECC will provide meeting links to schools joining the online briefing sessions. Schools may arrange for broadcast live on campus accordingly. The recorded videos will also be uploaded to the ECC's Schools Go Green Website later for teachers and GPs who are unable to attend the online briefing sessions for ease of review.

- A telephone enquiry hotline (Tel: 2835 1738) is provided to offer advice to and answer enquiries from teachers and GPs on the implementation of the programme at schools.

3.5 Awards for GPs

At the end of the school year, each school may present the following awards to the GPs in appreciation of their dedication and contribution. There is no maximum number of awards for each school and they should be given based on the different levels of performance of the GPs in undertaking their duties during the school year, and is entirely at the discretion of the Head of School.

- Outstanding Award
 - For GPs with excellent performance while undertaking their duties and bringing positive influence to their peers' green behaviour
- Certificate of Appreciation
 - For GPs with satisfactory performance and in appreciation of their dedication

Participating schools will be provided with e-certificate templates (in editable pdf format) in June 2023 for issuance to relevant GPs.

4. **Registration and Implementation**

- 4.1 Schools who have enrolled in the GP Programme 2021/22 will automatically become the participating school of the Programme for this school year. If your school does not wish to continue participating in the GP Programme, please notify the ECC Secretariat by email at schools@epd.gov.hk or by fax at 2909 9516, on or before 14 October 2022 (Friday).
- 4.2 Schools who wish to implement the GP Programme in the 2022/23 school year and/or join the online briefing session(s), or existing participating schools who wish to update the number of appointed GPs / apply for Big Waster badges, please register by completing and returning the **Registration Form in Appendix 4b** by email to schools@epd.gov.hk or by fax at 2909 9516 **on or before 14 October 2022 (Friday)**.
- 4.3 Please contact the ECC Secretariat through email (schools@epd.gov.hk) or phone (Tel: 2835 1738) if no acknowledgement of application is received within 7 working days from the date of application submission.

5. Enquiry

For enquiries, please contact the ECC Secretariat on 2835 1738 or Ms Louisa LO of the Moral, Civic and National Education Section, Curriculum Development Institution of the EDB on 2153 7487.

To : Environmental Campaign Committee Secretariat
 (Attn. : Assistant Secretary (Community Relations) 2)
 (Email : schools@epd.gov.hk Fax : 2909 9516)

Green Prefect (GP) Programme 2022/23 **Registration Form for Primary and Secondary Schools**

- i. Please complete and return this form to the ECC Secretariat by email or by fax **on or before 14 October 2022 (Friday)**. The softcopy of this form is downloadable at <https://school.ecc.org.hk/en/resources/forms.html#gpp>;
- ii. To simplify the application process, past participating schools of the GP Programme can enrol by submitting the e-registration form at <https://forms.gle/7nLYmYtNFdVXJNw18>.

(Please put "✓" in the appropriate box below.)

Part 1: Application for GP Programme and Big Waster Badges

- ☐ Our school _____ (School Name) ☐ will join the GP Programme **for the first time**
☐ **has joined the GP Programme before**

The number of GPs appointed for the 2022/23 school year are as follows:

School Category	No. of newly appointed GPs	No. of re-appointed GPs
<input type="checkbox"/> Primary School		
<input type="checkbox"/> Secondary School		

(Schools operate both primary and secondary sections may select more than one school category.)

Please provide a total of _____ Big Waster badges for our school, including _____ for newly appointed GPs and _____ for re-appointed GPs who require replacement of badges*.

*Re-appointed GPs should continue to use their existing Big Waster badges unless they are damaged or lost.

Part 2: Application for Online Briefing Session(s)

Our school ☐ will / ☐ will not join the following online briefing session(s):

- ☐ 1.1 Cantonese for Primary School ☐ 1.2 English for Primary School
☐ 2.1 Cantonese for Secondary School ☐ 2.2 English for Secondary School

(School which will implement the GP Programme in both Primary and Secondary Sections may select more than one session.)

Part 3: School Information

(Past participating schools of the GP Programme can skip this part if information update is not required.)

Signature of School Head	:		
Name of School Head	:		
Name of Teacher Advisor (English)	:		
(Chinese)	:		
Contact No. of Teacher Advisor	:		
Email Address of Teacher Advisor	:		
School Address	:		
School Contact No.	:		(School Chop)
School Fax No.	:		
School Email Address	:		
Date	:		

Remarks: You have the right to request access to and correction of personal data provided in this form. If you wish to access or correct your personal data, please contact the ECC Secretariat by email (schools@epd.gov.hk).

Consent Statement

The Environmental Protection Department (EPD) and/or the ECC and its Secretariat intend to use the personal data (including your name, contact number, fax number, school address and email address) that you have provided to promote the latest development, policies, activities and schemes of the EPD and/or the ECC. Should you find such use of your personal data not acceptable, please indicate your objection by ticking the box below -

- ☐ I object to the proposed use of my personal data in any marketing activities arranged by the EPD and/or the ECC and its Secretariat.

59th Schools Dance Festival

Aims / Objectives

This is to invite primary, secondary and special schools to participate in the captioned event.

Details

2. The Schools Dance Festival (SDF) is an annual event jointly organised by the Education Bureau and the Hong Kong Schools Dance Association Limited (HKSDA). It aims to provide teachers and students with opportunities to share and exchange their dance experience.

3. The SDF will be conducted in the form of competitions in different genres of dance. To tie in with the “Active Students, Active People” (ASAP) Campaign launched by the EDB, the “Dance for Health” will be included in the SDF to encourage students to participate actively in physical activities so as to develop a habit of doing exercise regularly. The competitions will take place from January to March 2023. All primary, secondary and special schools are welcome to join.

4. Interested schools should submit the registration through online to the HKSDA **on or before 12 October 2022 (Wednesday)**. For details, please visit the HKSDA website (<https://www.hksda.org.hk>).



Contact Person

5. For enquiries, please contact the HKSDA on 3741 2973.

International Biology Olympiad – Hong Kong Contest 2022

Aims / Objectives

This is to invite secondary schools to nominate their students to take part in the captioned competition.

Details

2. The International Biology Olympiad – Hong Kong Contest (IBO-HKC) 2022 aims at promoting biology education in Hong Kong and providing challenging enrichment learning opportunities for students with high potential in biology. IBO-HKC 2022 is co-organised by the Education Bureau and the Hong Kong Academy for Gifted Education (HKAGE).

3. The IBO-HKC 2022 will be held on **12 November 2022 (Saturday) (tentative)**. A series of enhancement programmes arranged by the HKAGE will be provided for the high-achieving students in the IBO-HKC 2022. Those students with outstanding performance in the enhancement programmes would be invited to represent Hong Kong to participate in the 34th IBO in 2023.

4. Details of the IBO-HKC 2022, including the registration methods, background information and regulations of the competition, are available on the website of the HKAGE (<https://hkage.edu.hk/articles/competitions>). Besides, past papers of the IBO-HKC have also been uploaded to the above website for reference.



5. Schools wishing to nominate students for the IBO-HKC 2022 are required to register through the above website **from now to 13 September 2022 (Tuesday) 12:00 noon**. Principals, teachers and nominated students are advised to check the results of the nomination, the seating arrangement for student participants and other relevant details which will be **tentatively released on 30 September 2022 (Friday)** through the above website. No further notifications will be given. Further updates, if any, about the event will be provided on the above website.

Contact Person

6. For enquiries, please contact the HKAGE on 3940 0506 or by email to ibohkc@hkage.org.hk.

The 24th Consumer Culture Study Award (2022/23 School Year)

Aims / Objectives

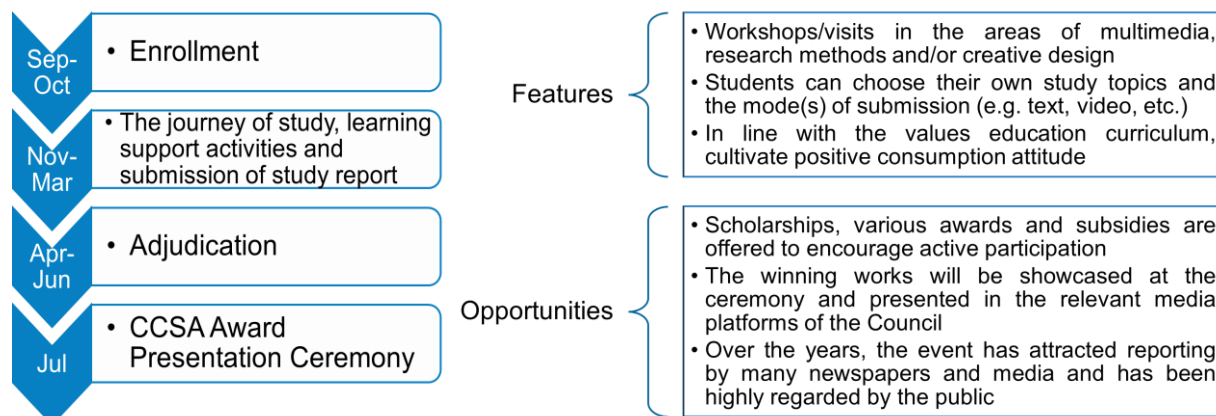
This is to invite secondary schools to participate in the captioned activity.

Details

2. The Consumer Culture Study Award (CCSA), jointly organised by the Consumer Council (The Council) and the Education Bureau, has attracted over 374 secondary schools and 82,000 students in the past, making it one of the largest thematic project learning activities in local education. The programme allows students to identify and explore topics on local consumer culture, develop their observation and analytical skills, as well as the ability to learn and think from multiple perspectives through first-hand information collection, and cultivate positive consumption values and attitudes.

3. Participating students can apply what they have learnt from various subjects, such as “Life and Society”, “Citizenship and Social Development”, “Business, Accounting and Financial Studies”, “Economics”, “Design and Applied Technology”, “Science, Technology, Engineering, and Mathematics (STEM)” in the programmes. At the same time, the Council will provide learning support to deepen their learning and thinking, and assist them in completing their study reports.

Timeline of the events are tentatively scheduled as follows:



4. Schools can learn more details about the programme and enroll in the above activities through the designated website (<https://www.consumer.org.hk/ccsa>) or the QR code below.



Contact Person

5. For enquiries, please contact the staff of the Consumer Education Division of the Council at 2856 8506.

第 24 屆消費文化考察報告獎

尊敬的校長：

由消費者委員會與教育局合辦之「消費文化考察報告獎」(下稱「消化獎」)，為本地學界最大型的中學生專題研習教育活動之一。自 1999 年起，迄今已舉辦 23 屆。新一屆「消化獎」將於新學年展開，繼續以靈活方式為同學提供一個具啟發性的自主學習平台，以培養同學正面的消費價值觀。

第 24 屆「消費文化考察報告獎」

多年來，「消化獎」一直深受教育界的支持，歷屆共累積 374 間中學、超過 82 000 位同學參加。活動鼓勵同學自行挑選有興趣的本地消費議題，通過第一手資料的搜集，如實地考察、調查訪問、親身體驗等，從而了解和分析消費者的心理、行為和模式，並進行反思及尋找新發現，最後完成報告（有關「消化獎」的媒體報導，請參閱附件 5b）。

「可持續消費創意」主題獎

「消化獎」自第 19 屆起增設「可持續消費創意設計」主題獎。同學選訂考察題目後，通過第一手資料的搜集，分析相關行為如何影響可持續消費的發展，並以同理心觀察和蒐集目標對象的「使用者需求」；然後運用科學、科技、工程和數學(STEM)等學科知識和技巧，構思新設計或改善現有的產品／服務設計，為消費問題提供解決方案。讓同學於考察計劃中將學科知識與生活扣連。

學習支援活動

去屆因應疫情，本會分別以實體或視訊會議形式舉辦了一系列諮詢面談會、講座及工作坊等支援活動，為同學的考察意念、內容及方法等提出建議，協助他們經歷這自主學習的歷程。

重要日程

報名	2022 年 9 月 至 10 月
考察旅程，學習支援活動及提交報告	2022 年 11 月 至 2023 年 3 月
評審工作	2023 年 4 月 至 6 月
大型頒獎典禮	2023 年 7 月（暫定）

本會期盼 貴校的踴躍支持，將「消化獎」推介予各級同學參加。我們歡迎學校透過參加「學校合作推動計劃」(凡全校合計有 6 隊或以上參加)，與我們商討制定靈活的校本合作細節。更多活動詳情及報名表格，稍後將上載於消委會網頁。如有查詢，歡迎致電 2856 8506 與本會消費者教育部李小姐聯絡。

謹祝 教安！

消費者委員會副總幹事



湯熾忠 謹啟
二零二二年九月一日

附件 7b：大公報剪報
消費者委員會中學生教育計劃網頁



合辦機構



消費者委員會
CONSUMER COUNCIL



教育局
Education Bureau

支持機構



政府資訊科技總監辦公室
Office of the Government
Chief Information Officer



一校一發果



▲「樂以開創」文化創意活動，展現學生才華。

由消費者委員會與教育局合辦、政府資訊科技發展局公署及資訊科技教育策略委員會聯合主辦的「樂以開創」文化創意活動，今年不少同學發揮創意，創作出具獨特性的作品，展現出獨特性的作品，並透過創作定議的深入考察、探討及反思，建立正確的文化價值觀。

教育局記者在活動開幕禮後，即訪問了三間得獎中學。首先是聖馬利亞中學，作品「Feo's Food」反應了學生對美食的熱愛，並加入具創意的可持續性。另外是聖馬利亞中學，作品「Feo's Food」反應了學生對美食的熱愛，並加入具創意的可持續性。

貼心考察 + 貼地創作

「樂以開創」文化創意活動，旨在透過創作定議的深入考察、探討及反思，建立正確的文化價值觀。活動分為多個組別，包括「樂以開創」文化創意活動、樂以開創文化創意活動、樂以開創文化創意活動等。

德蘭中學

自創手機App+廚餘收集器 打造「好食德校園」

德蘭中學「Feo's Food」文化創意活動，旨在透過創作定議的深入考察、探討及反思，建立正確的文化價值觀。活動分為多個組別，包括「樂以開創」文化創意活動、樂以開創文化創意活動、樂以開創文化創意活動等。

德蘭中學「Feo's Food」文化創意活動，旨在透過創作定議的深入考察、探討及反思，建立正確的文化價值觀。活動分為多個組別，包括「樂以開創」文化創意活動、樂以開創文化創意活動、樂以開創文化創意活動等。

德蘭中學「Feo's Food」文化創意活動，旨在透過創作定議的深入考察、探討及反思，建立正確的文化價值觀。活動分為多個組別，包括「樂以開創」文化創意活動、樂以開創文化創意活動、樂以開創文化創意活動等。



▲天主教母佑會蕭明中學，學生在課堂上學習。

天主教母佑會蕭明中學 弱能人士「牙牙」步履艱 小記者發聲助社會關注



▲第22屆「樂以開創」文化創意活動，展現學生才華。

天主教母佑會蕭明中學，學生在課堂上學習。活動分為多個組別，包括「樂以開創」文化創意活動、樂以開創文化創意活動、樂以開創文化創意活動等。

天主教母佑會蕭明中學，學生在課堂上學習。活動分為多個組別，包括「樂以開創」文化創意活動、樂以開創文化創意活動、樂以開創文化創意活動等。

天主教母佑會蕭明中學，學生在課堂上學習。活動分為多個組別，包括「樂以開創」文化創意活動、樂以開創文化創意活動、樂以開創文化創意活動等。

天主教母佑會蕭明中學，學生在課堂上學習。活動分為多個組別，包括「樂以開創」文化創意活動、樂以開創文化創意活動、樂以開創文化創意活動等。

天主教母佑會蕭明中學，學生在課堂上學習。活動分為多個組別，包括「樂以開創」文化創意活動、樂以開創文化創意活動、樂以開創文化創意活動等。

探索正面消費觀

香港九龍德蘭中學，學生在課堂上學習。活動分為多個組別，包括「樂以開創」文化創意活動、樂以開創文化創意活動、樂以開創文化創意活動等。

香港九龍德蘭中學，學生在課堂上學習。活動分為多個組別，包括「樂以開創」文化創意活動、樂以開創文化創意活動、樂以開創文化創意活動等。

香港九龍德蘭中學，學生在課堂上學習。活動分為多個組別，包括「樂以開創」文化創意活動、樂以開創文化創意活動、樂以開創文化創意活動等。

香港九龍德蘭中學，學生在課堂上學習。活動分為多個組別，包括「樂以開創」文化創意活動、樂以開創文化創意活動、樂以開創文化創意活動等。

香港九龍德蘭中學，學生在課堂上學習。活動分為多個組別，包括「樂以開創」文化創意活動、樂以開創文化創意活動、樂以開創文化創意活動等。



▲德蘭中學學生在課堂上學習，展現學生才華。

德蘭中學學生在課堂上學習，展現學生才華。

德蘭中學學生在課堂上學習，展現學生才華。

德蘭中學學生在課堂上學習，展現學生才華。

德蘭中學學生在課堂上學習，展現學生才華。

德蘭中學學生在課堂上學習，展現學生才華。

德蘭中學學生在課堂上學習，展現學生才華。

德蘭中學學生在課堂上學習，展現學生才華。

德蘭中學學生在課堂上學習，展現學生才華。

德蘭中學學生在課堂上學習，展現學生才華。

德蘭中學學生在課堂上學習，展現學生才華。

德蘭中學學生在課堂上學習，展現學生才華。

德蘭中學學生在課堂上學習，展現學生才華。

德蘭中學學生在課堂上學習，展現學生才華。

德蘭中學學生在課堂上學習，展現學生才華。

德蘭中學學生在課堂上學習，展現學生才華。

德蘭中學學生在課堂上學習，展現學生才華。

德蘭中學學生在課堂上學習，展現學生才華。

德蘭中學學生在課堂上學習，展現學生才華。

德蘭中學學生在課堂上學習，展現學生才華。

德蘭中學學生在課堂上學習，展現學生才華。

德蘭中學學生在課堂上學習，展現學生才華。

德蘭中學學生在課堂上學習，展現學生才華。

德蘭中學學生在課堂上學習，展現學生才華。

德蘭中學學生在課堂上學習，展現學生才華。

德蘭中學學生在課堂上學習，展現學生才華。

德蘭中學學生在課堂上學習，展現學生才華。

德蘭中學學生在課堂上學習，展現學生才華。

德蘭中學學生在課堂上學習，展現學生才華。

德蘭中學學生在課堂上學習，展現學生才華。

德蘭中學學生在課堂上學習，展現學生才華。

德蘭中學學生在課堂上學習，展現學生才華。

德蘭中學學生在課堂上學習，展現學生才華。

德蘭中學學生在課堂上學習，展現學生才華。

德蘭中學學生在課堂上學習，展現學生才華。

德蘭中學學生在課堂上學習，展現學生才華。

德蘭中學學生在課堂上學習，展現學生才華。

德蘭中學學生在課堂上學習，展現學生才華。

德蘭中學學生在課堂上學習，展現學生才華。

德蘭中學學生在課堂上學習，展現學生才華。

德蘭中學學生在課堂上學習，展現學生才華。

德蘭中學學生在課堂上學習，展現學生才華。

德蘭中學學生在課堂上學習，展現學生才華。

Exhibition of Student Visual Arts Work 2021/22 - Virtual Exhibition

Aims / Objectives

This is to invite primary and secondary schools to visit the captioned virtual exhibition.

Details

2. The exhibition is organised by the Arts Education (AE) Section of the Curriculum Development Institute (CDI), the Education Bureau. It aims to display and acknowledge primary and secondary students' accomplishment in visual arts, and enable students and teachers to learn from each other.

3. The physical exhibition, held at the Exhibition Gallery of the Hong Kong Cultural Centre in June 2022, displayed about 300 pieces of primary and secondary students' artworks and ten senior secondary students' Visual Arts portfolios. A digital media art zone was introduced in the exhibition this year showcasing a number of still and moving digital images. The virtual exhibition extends the period of the physical exhibition to June 2023.

4. Schools are welcome to view the virtual exhibition for a 360-degree experience of the exhibition. Please visit the following websites: e-Gallery of CDI and AE Key Learning Area for the exhibition.



www.edb.gov.hk/en/e-gallery



www.edb.gov.hk/en/vaexhibition

Contact Person

5. For enquiries, please contact Ms CHEUNG Sze-wing of the Arts Education Section at 3698 3540.

Exhibition of Student Visual Arts Work (2022/23)

(Including primary and secondary student visual arts works,
and senior secondary student visual arts portfolios)

Aims / Objectives

This is to invite primary and secondary schools to participate in the captioned exhibition.

Details

2. The exhibition is organised by the Arts Education Section of the Education Bureau (EDB). It aims to display and acknowledge primary and secondary school students' accomplishment in visual arts, and enable students and teachers to learn from each other.

3. The exhibition will be held in June 2023 at the Exhibition Hall, 1/F, Low Block of the Hong Kong City Hall. The awarded entries will also be displayed on the e-Gallery of the Curriculum Development Institute and the Arts Education Key Learning Area (AE KLA) website. For details of the exhibition, please visit the AE KLA website (<https://www.edb.gov.hk/en/arts/activities>) or scan the QR code on the right.



4. Interested schools please upload the digital files of students' artworks/ portfolios and related documents to the competition webpage in the following dates:

- Senior secondary students' visual arts portfolios: 31 October to 5 November 2022
- Primary and secondary students' visual art works: 9 to 15 March 2023

Contact Person

5. For enquiries, please contact Ms Jessie Ho of the Arts Education Section, Curriculum Development Institution, Education Bureau on 3698 3538.

“A Time to Remember” Digital Art Competition

Aims / Objectives

This is to invite secondary schools to participate in the captioned competition organised by the Arts Education (AE) Section, Curriculum Development Institute (CDI), Education Bureau (EDB).

Details

2. The competition aims to encourage students to create digital artwork with the theme “A Time to Remember”. Participants are required to express their interpretation, imagination, memory or feeling of a good time through using diversified digital media and skills with a view to developing their interest and ability of art technology, as well as positive values and attitudes towards living.

3. The competition is divided into “Still Image Division” and “Moving Image Division”, each with Gold Prize, Silver Prize and Certificate of Merit. Awardees will be invited to participate in a digital art professional sharing session. The awarded entries will be shown in the Exhibition of Student Visual Arts Work (2022/23), as well as on the e-Gallery of the CDI and the AE Key Learning Area (KLA) website.

4. The AE Section will organise a briefing session on the competition and teacher professional development programmes related to digital art to support the competition. For details, please visit the AE KLA website (<https://www.edb.gov.hk/en/arts/activities>) or scan the QR code on the right. Interested schools should submit students’ entries to the webpage of the competition from 27 April to 3 May 2023.



Contact Person

5. For enquiries, please contact Ms Jessie Ho of the Arts Education Section, Curriculum Development Institution, Education Bureau on 3698 3538.

“In Love with Town, Filming from Heart” Youth Photo and Short Video Competition

Aims / Objectives

This is to invite secondary schools to participate in the captioned competition.

Details

2. “In Love with Town, Filming from Heart” Youth Photo and Short Video Competition is organised by Community Investment and Inclusion Fund (CIIF) of the Home and Youth Affairs Bureau and supported by the Education Bureau. The competition aims to encourage young people to showcase their flair and creativity by bringing to the general public delicate and touching stories in the community with photos or short videos, with a view to fostering a caring spirit in the community.

3. The competition is divided into two categories: Photo and Short video. Each category consists of Secondary School Division and Tertiary Institution Division. Each division with Champion and Merit Award. The Champion entries of the Photo Category will be displayed in MTR stations, and other awarded entries will be displayed on the CIIF’s website and social media platforms.

4. For details of the competition, please visit the CIIF website (<https://www.ciif.gov.hk/en/promotional-activities/youthcomp.html>). Interested students should submit the enrolment form by 12:00 noon on 30 September 2022 (Friday), and upload the entries through the CIIF webpage by 12:00 noon on 21 October 2022 (Friday).|



Contact Person

5. For enquiries, please contact the CIIF Secretariat on 2503 2055.

Home and Youth Affairs Bureau
Community Investment and Inclusion Fund
“In Love with Town, Filming from Heart” Youth Photo and Short Video Competition

A simple act of offering others help may also create powerful impacts, rippling through from between individuals to the community and culminating to make possible a network of mutual help, mutual trust and reciprocity. This is known as social capital.

Young people are change-makers to promote community development, bringing in new elements to society and carrying on precious social capital. With the support of the Education Bureau (EDB), Community Investment and Inclusion Fund (CIIF) is pleased to organise the “In Love with Town, Filming from Heart” Youth Photo and Short Video Competition. Young people are invited to showcase their flair and creativity by bringing to the general public delicate and touching stories in the community with photos or short videos, hopefully fostering a caring spirit in the community.

Details of competition:

	Photo category	Short video category
Target participants	Full-time students studying at registered tertiary institutions or secondary schools in Hong Kong	
Theme	Entries must incorporate social capital elements, e.g. mutual help, mutual trust, reciprocity and social networks	
Division	1. Secondary school division 2. Tertiary institution division	1. Secondary school division 2. Tertiary institution division
File format	Entries must be given a Chinese or English title and a description not exceeding 100 words in Chinese or English.	
	1. In JPEG or TIFF format; 2. File size not exceeding 10 megabytes; and 3. Resolution of not less than 5 megapixels.	1. Video length not exceeding 3 minutes; 2. In any spoken language with Chinese or English subtitles; 3. In MP4, WMV, MOV or AVI format; 4. File size not exceeding 1 gigabyte; and 5. Resolution of not less than 720p

How to participate	<ol style="list-style-type: none"> Participants must submit the enrollment form (to be downloaded at CIIF's website www.ciif.gov.hk) through either of the following methods by 12:00 noon on 30 September 2022 (Friday): <ul style="list-style-type: none"> Email Online submission Participants will receive an acknowledgement email after submitting the enrollment form. Participants must upload their entries through CIIF's webpage by 12:00 noon on 21 October 2022 (Friday). Participants will receive a confirmation email upon successful entry submission.
Deadline	<p>Submission of enrollment form: by 12:00 noon on 30 September 2022 (Friday)</p> <p>Submission of entries: by 12:00 noon on 21 October 2022 (Friday)</p>

Assessment and awards:

The judging panel comprises representatives from the Government, the Community Investment and Inclusion Fund Committee, SC.Net member Ms Linda Choy (Corporate Affairs & Branding Director, MTR Corporation Ltd) and renowned local film director Ms Oliver Chan Siu Kuen. Selection of finalists will be made basing on the following criteria:

Theme appropriate for messages relating to social capital, such as mutual help, mutual trust, reciprocity and social networks	40%
Shooting technique	20%
Visual aesthetics	20%
Creative ideas	20%

Shortlisted entries will be uploaded to the CIIF's Instagram page for public voting. Entries with the most "likes" will receive the following awards and prizes:

<u>Photo category</u>	<u>Secondary school division</u>	<u>Tertiary institution division</u>
Champion	(1 winner) A certificate and HK\$1,000 retail store coupons	(1 winner) A certificate and HK\$1,000 retail store coupons
Merit award	(3 winners) A certificate and HK\$500 retail store coupons	(3 winners) A certificate and HK\$500 retail store coupons
<u>Short video category</u>	<u>Secondary school division</u>	<u>Tertiary institution division</u>
Champion	(1 winner) A certificate and HK\$2,000 retail store coupons	(1 winner) A certificate and HK\$2,000 retail store coupons
Merit award	(3 winners) A certificate and HK\$1,000 retail store coupons	(3 winners) A certificate and HK\$1,000 retail store coupons

Awards presentation ceremony and exhibition of entries:

- The champion entries of the Photo Competition will be published in advertisements to be placed in MTR stations, and the merited entries will be displayed on the CIIF's website and social media platforms.
- The award presentation ceremony is tentatively scheduled to be held at the Hong Kong Convention and Exhibition Centre on 14 December 2022. Details will be announced in due course.

Important Dates:

Date (2022)	Event
30 September (12:00 noon)	Deadline for enrollment
21 October (12:00 noon)	Deadline for entry submission
1 - 7 November	Announcement of shortlisted entries for public voting
10 November	Announcement of results
December	Publication of champion entries in MTR stations
	Awards presentation ceremony

Competition Terms and Conditions

1. Participants must be full-time students studying at registered tertiary institutions or secondary schools in Hong Kong. The personal information provided by the participants must be true and correct. Winners will be required to provide their Hong Kong Identity Card, student identity card or other valid documents to the organiser for identity verification purpose.
2. Participants may submit one entry for each competition category (i.e. photo or short video) and participate in one or both of the competition categories.
3. Photo category participants must submit their entry in JPEG or TIFF format with a file size not exceeding 10 megabytes and a resolution of not less than 5 megapixels. Short video entries must be within 3 minutes in length saved in MP4, WMV, MOV or AVI format with a file size not exceeding 1 gigabyte and a resolution of not less than 720p. Subtitles in Chinese or English are required.
4. The filenames must be in the format of “Competition Category_Participant’s Name” (e.g. 攝影_陳大文 or Photography_Chan Tai Man).
5. Participants must submit the enrollment form by 12:00 noon on 30 September 2022 and their entries by 12:00 noon on 21 October 2022. The organiser will not be responsible for any loss, delay or misdelivery relating to entry submission.
6. Participants must retain the original files until the announcement of results, i.e. 10 November 2022.
7. All entries must be original works. Plagiarism is forbidden. Entries involving plagiarism, or having been published or submitted to another competition will be

disqualified. No entries shall infringe any copyright of any third party. Participants shall only use music, images, videos or film clips from a third party in their entries with prior written consent sought from the relevant third parties. Such usage must be acknowledged in the entries in accordance with the relevant copyright laws. The organiser, supporting organisation and planning partner shall not be responsible, whether directly or indirectly, for any liability arising whatsoever or howsoever from any violation of any copyright law. The participants agree and undertake to accept and bear all such liability arising therefrom. For details about the Copyright Ordinance (Cap. 528), please visit www.legislation.gov.hk.

8. No entries shall contain any insinuating or libelous content, violence, pornography, abusive language, indecency, obscenity or any offensive language and behaviour. Participants who fail to comply will be disqualified.
9. All entry content must be expressed with actual images. Cropping, dust removal, and reasonable adjustment of exposure, colour, contrast and white balance are acceptable. Entries that are computer-generated or have undergone excessive post-processing will not be accepted.
10. Upon submission of entries, participants shall be deemed to have agreed to the organiser's ownership of the entries and have authorised their usage by the organiser. The organiser has the right to modify, translate, adapt, use, duplicate, disseminate and publish all or part of the content of the entries, or display the entries in different formats on other platforms without prior consent of the participants.
11. The personal information collected in the competition is for contact, publicity and promotion purposes only. Apart from the above purposes, all information collected will be kept strictly confidential. Any enquiries or changes regarding the personal information collected in the competition may be directed to the CIIF Secretariat (call 2503 2055 or email to ciifyouth@hyab.gov.hk).
12. The organiser's decisions on competition arrangements, details and results are final.

米之年 ～「水稻+種植」獎勵計劃 (Chinese version only)

宗旨/目標

本附件旨在邀請各中小學參加上述活動。

詳情

2. 香港中大教育學院校友會與自然脈絡將於2022年10月至2023年7月合辦米之年～「水稻+種植」獎勵計劃，旨在讓教師和學生透過參與種植水稻與蔬菜香草的體驗活動，加深對大自然的認識，藉此推廣價值觀教育(生命教育、認識中華文化、感恩和珍惜)。
3. 是次計劃分為教師培訓及學生活動兩部份，機構將於2022年10月為教師提供線上和實地農耕體驗培訓，其後於2022年11月至2023年7月期間由已受訓的教師帶領學生進行校本種植學習活動(例如：在校種植水稻和參觀農場)，並於2023年7月舉行慶祝活動，讓教師和學生分享種植成果。
4. 如學校有意參加此計劃，請填妥附錄12a的參加表格，電郵至自然脈絡（電郵地址：rice@nnw.hk）報名，截止日期為2022年9月30日(星期五)。

聯絡人

5. 如有查詢，請致電 9810 8710 與自然脈絡莫先生聯絡。

香港中大教育學院校友會與自然脈絡

米之年 ～「水稻+種植」獎勵計劃

參加表格

請於 2022 年 9 月 30 日(星期五)或之前將填妥的申請表格通過電郵(rice@nnw.hk)交回主辦機構

學校名稱：

學校類別：

小學 / 中學 / 特殊學校 （請刪去不適用者）

負責教師姓名：

負責教師電郵：

聯絡電話號碼：

參與學生人數（級別）：

校長簽署：

校長姓名：

日期：

學校印鑑：

InnoCarnival 2022

Aims / Objectives

This is to invite primary and secondary schools to participate in the captioned event.

Details

2. The Innovation and Technology Commission (ITC) will organise the nine-day InnoCarnival 2022 from 22 to 30 October, 2022. This year, the event will adopt a two-pronged approach of having physical exhibition at the Hong Kong Science Park while workshops and seminars on a virtual platform.

The InnoCarnival 2022 is supported by the Education Bureau.

Details of the events are available at <https://innocarnival.hk>.



3. InnoCarnival 2022 carries the theme **“Innovation & Technology empower our dreams”**. Around 50 programme partners including local universities, government departments, technology enterprises and education organisations will showcase their inventions and research achievements, host online workshops covering a wide range of topics and share their Innovation & Technology (I&T) experience. In addition, around 100 sessions of InnoTech online workshops will be conducted in February, April and June 2023 to promote the I&T culture in the community and encourage continuous learning.

4. Teachers and students who are interested in joining the online workshops and seminars are invited to complete the registration on the said website from late September 2022. Application will be processed on a first-come-first-served basis.

5. For schools interested in joining the physical exhibition, please visit the said website to complete the online registration. Registered schools may apply for coach rental subsidy from the organiser and details are available at the website.

Contact Person

6. For enquiries, please contact The Hong Kong Federation of Youth Groups, the campaign partner of InnoCarnival 2022, on 2561 6149 or by email to innocarnival@hkfyg.org.hk.

Hong Kong Observatory Radiation Education Programme (2022/23)

Aims / Objectives

This is to invite secondary schools to participate in the captioned programme.

Details

2. The captioned programme is organised by the Hong Kong Observatory (HKO), supported by the Education Bureau, with an aim to enhance the understanding of radiation concepts among secondary school students, especially on ionising radiation monitoring and radiation protection as well as nuclear emergency preparedness.

3. The Radiation Education Programme consists of the following three items:

- i) School Community Ambient Radiation Measurement Programme – Gamma-Go Workshop;
- ii) On-site or Online School Talk (Topic: Understanding Radiation and Nuclear Emergency Preparedness) with Virtual Tour of the Observatory’s Radiological Facilities; and
- iii) Exhibition Materials on “Understanding Radiation and Nuclear Emergency Preparedness” on Loan to Schools.

4. Schools may apply for one or more than one item(s) of the programme. For application, please complete the respective application form(s) (Appendices 14a to 14c), and return the completed form(s) to the HKO by fax (2375 2645) or by e-mail (train3@hko.gov.hk) at least two weeks before the intended date of the activity. Applications will be processed on a first-come-first-served basis. The HKO will confirm with the schools whether their applications are accepted within one week upon receiving the application form(s).

Contact Person

5. For enquiries, please contact Ms CHENG Yuen-yuen of the Hong Kong Observatory, at 2926 8312 or via e-mail (yycheng@hko.gov.hk).

To: Training and Exercises Division, Hong Kong Observatory

[e-mail : train3@hko.gov.hk ; fax : 2375 2645]

Hong Kong Observatory Radiation Education Programme (2022/23)
School Community Ambient Radiation Measurement Pilot Programme
Gamma-Go Workshop

“Gamma-Go” is an experiential STEM activity to enhance students’ understanding of radiation through lectures and practical sessions including assembling of Arduino-based portable devices for measuring gamma radiation and meteorological elements, taking real-time measurements and sharing of data on a dedicated web-based platform. For details, please watch the “Cool Met Stuff” video on Gamma-Go (<https://youtu.be/i32ETRVvmjQ>).



Application Form

Date of Gamma-Go Workshop (Please provide the 1 st and 2 nd priorities)	
Online lectures: Self-study 4 videos, each lasting 20-30 minutes.	
Quiz game and practical (3 hours):	
1 st Priority	Date : _____ (DD/MM/YY) (*a.m./p.m. *Mon/Tue/Wed/Thu/Fri/Sat)
2 nd Priority	Date : _____ (DD/MM/YY) (*a.m./p.m. *Mon/Tue/Wed/Thu/Fri/Sat)
Estimated no. of students : _____	
Level of students : Secondary _____	
Language : *Cantonese / English	

** delete as appropriate*

Points to note

- Students of S3 - 6 may participate in the programme. The maximum capacity is around 30.
- The self-study videos will be passed to the teacher-in-charge around two weeks before the workshop for participating students to watch.
- The participating school should arrange a suitable venue and provide necessary equipment (including a computer with Internet connection and overhead projector) for the workshop.
- Please allow the participating students to use mobile phone for transmission of measurement data to the Gamma-Go webpage during the workshop.
- The Observatory will not charge any fees.

School Information

Name of School : _____

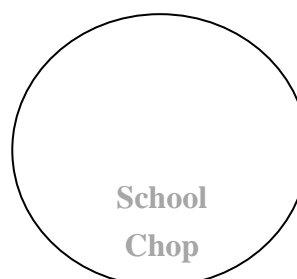
Name of Teacher-in-charge : _____

e-mail address : _____ Contact Tel. No.: _____

Signature of Principal : _____

Name of Principal : _____

Date : _____



To: Training and Exercises Division, Hong Kong Observatory

[e-mail : train3@hko.gov.hk ; fax : 2375 2645]

Hong Kong Observatory Radiation Education Programme (2022/23)

On-site or Online School Talk

(Topic : Understanding Radiation and Nuclear Emergency Preparedness)

with Virtual Tour of the Observatory's Radiological Facilities

Application Form

Date and Time of the *On-site/ Online School Talk (Please provide the 1 st and 2 nd priorities)	
<u>1st</u>	Date : _____ (DD/MM/YY)
<u>Priority</u>	Time : From _____ *a.m. / p.m. to _____ *a.m. / p.m.
<u>2nd</u>	Date : _____ (DD/MM/YY)
<u>Priority</u>	Time : From _____ *a.m. / p.m. to _____ *a.m. / p.m.
Estimated no. of students : _____	
Level of students : Secondary _____	
Language : *Cantonese / English	

** delete as appropriate*

Points to note

- Students of S1- 6 may attend the talk. The minimum number of participating students is 100.
- The talk will take about 1 to 1.5 hours. It can be conducted within the period from 9 a.m. to 4 p.m., from Monday to Friday (except public holidays) through either on-site or online mode.
- For on-site mode, school should arrange a suitable venue (e.g. school hall) and provide the necessary equipment (including computer and overhead projector) on the day of the talk.
- For online mode, school should arrange a video conferencing tool for the talk.

School Information

Name of School : _____

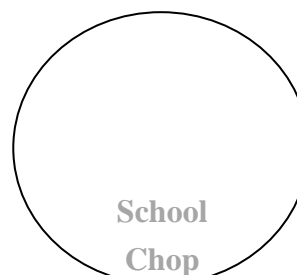
Name of Teacher-in-charge : _____

e-mail address : _____ Contact Tel. No.: _____

Signature of Principal : _____

Name of Principal : _____

Date : _____



To: Training and Exercises Division, Hong Kong Observatory
 [e-mail: train3@hko.gov.hk ; fax : 2375 2645]

Hong Kong Observatory Radiation Education Programme (2022/23)
Exhibition Materials on
“Understanding Radiation and Nuclear Emergency Preparedness”
on Loan to Schools

Application Form

Loan Period of the Exhibition Materials (Please provide the 1st and 2nd priorities)

1st Date : _____ (DD/MM/YY)

Priority to _____ (DD/MM/YY)

2nd Date : _____ (DD/MM/YY)

Priority to _____ (DD/MM/YY)

Points to note

- The exhibition materials consist of five pieces of pull-up banner and the maximum loan period is one week.
- School should arrange staff to collect exhibition materials from the HKO beforehand and return those materials to the HKO after exhibition.
- School should arrange a suitable venue (such as school hall or covered playground) for display of the exhibition materials and make arrangement for students to visit.

School Information

Name of School : _____

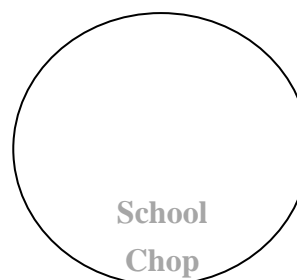
Name of Teacher-in-charge : _____

e-mail address : _____ Contact Tel. No.: _____

Signature of Principal : _____

Name of Principal : _____

Date : _____



Astronomical Training Programme for Secondary Students 2022/23

Aim/ Objective

This is to invite secondary schools to promote the captioned programme to students.

Details

2. It provides a comprehensive training in astronomy to local full-time Secondary 4 and Secondary 5 students. It aims to cultivate and promote students' interests in natural science.
3. Through an array of diversified activities, such as lectures, workshops and stargazing practices, with equal emphasis on theory and practical skills, ATPSS will enhance students' understanding of astronomy and boost their science literacy. It is also desirable that students joining ATPSS can apply what they have learnt in the programme to help promoting astronomy in schools.
4. All local full-time Secondary 4 and Secondary 5 students are eligible to apply for ATPSS. The quota is 100. The co-organisers will evaluate the applications based on the information provided on the application forms. To encourage the participation of students from different schools, the upper limit of students to be selected from one school will be capped at three students. The entire programme is free of charge.
5. The application period starts from 1 to 30 September 2022. Please refer to **Appendix 15a (only available in Chinese)** for programme details. Students who wish to enrol should submit their applications together with copies of their student IDs on or before 30 September 2022 to Hong Kong Space Museum through one of the following channels:

- Apply online via HK EdCity (<https://bit.ly/3Qyz9cu>)
- Complete the application form in **Appendix 15b** and return it to the Hong Kong Space Museum by one of the following ways:
 - mail to the School Programme Unit, Hong Kong Space Museum, 10 Salisbury Road, Tsim Sha Tsui, Kowloon (Please mark “Astronomical Training Programme for Secondary Students” on the envelope. The application form must reach the Hong Kong Space Museum on or before the closing date.)
 - send an e-mail to acoslib@hkspm.hk
 - fax to 2367 8320
 - drop into the collection box at the foyer of the Hong Kong Space Museum



Contact Person

6. For enquiries, please contact Mr LEUNG of the School Programme Unit, Hong Kong Space Museum at 2734 2711.

課程詳細資料

參加者資格

2022-23年度修讀中四或中五的香港全日制中學生。

名額及費用

名額100名，合辦機構會根據申請者於報名表格上提供的資料考慮取錄與否。

整項計劃費用全免。

報名方法

1. 於香港教育城網站上報名
2. 於香港太空館網站上下載報名表格，填妥後連同學生證副本循以下途徑交回：
 - 傳真至 2367 8320
 - 電郵至 acoslib@hkspm.hk
 - 郵寄至九龍尖沙咀梳士巴利道十號香港太空館學校節目組收（信封面請註明「中學生天文訓練計劃」）
 - 投遞表格至香港太空館大堂活動表格收集箱

授課語言

粵語輔以英語

評核方法

1. 所有獲錄取學員均可參與第一學期的六節項目。學員必須完成當中最少五節並通過評核，成績最好的70名學員方可進入第二學期。
2. 若同學於第二學期滿足以下要求，將可獲頒發修業證書：
 - (a) 出席率
 - 在八節項目中完成最少六節。
 - (b) 課程考試
 - 通過筆試及實習試（包括架設天文望遠鏡、運用雙筒望遠鏡和旋轉星圖）。

注意事項

1. 錄取名單將於**10月21日或以前**於香港太空館網站公布，獲錄取的同學會收到電郵通知，並須於指定日期前回覆是否確認參與計劃。
2. 學員須在每節項目簽到，不可補簽。
3. 學員如因事未能出席個別課堂，必須最少於課堂前一星期向主辦單位請假。
4. 除獲豁免情況外，學員須符合「疫苗通行證」的最新要求以進入活動場所。
5. 每個項目的舉行時間、地點、內容及其他細節均可能有變動，主辦單位會以**電郵**公布最新安排。

「中學生天文訓練計劃 2022-23[#]」進程表

第一學期

日期	項目	內容	地點
2022年11月5日（星期六） 下午2時30分至6時	課程單元一： 第一講 ¹	基本天文學、天球 及天體運動、認識 月球	香港中文大學
2022年11月12日（星期六） 下午2時30分至6時	課程單元一： 第二講 ¹	太陽系介紹、現代 天文學的起源	香港中文大學
2022年11月19日（星期六） 下午2時30分至6時	課程單元一： 第三講 ¹	認識太陽、觀測及分 析恆星	香港中文大學
2022年11月26日（星期六） 下午2時30分至6時	課程單元一： 第四講 ¹	恆星的誕生及演 化、恆星的結構	香港中文大學
2022年11月24日（星期四） 下午6時30分至9時	實習一 ²	目視及雙筒望遠鏡 觀測	香港中文大學/ 香港太空館演講 廳及天台
2022年11月29日（星期二） 下午6時30分至9時	工作坊一 ³	第一學期筆試及 四季星空介紹	香港太空館演講 廳及天象廳

第二學期

日期	項目	內容	地點
2023年2月4日（星期六） 下午2時30分至6時	課程單元二： 第一講 ¹	恆星的死亡、中子星	香港中文大學
2023年2月11日（星期六） 下午2時30分至6時	課程單元二： 第二講 ¹	相對論、黑洞	香港中文大學
2023年2月18日（星期六） 下午2時30分至6時	課程單元二： 第三講 ¹	星系、宇宙學簡介	香港中文大學
2023年2月23日（星期四） 下午6時30分至9時	實習二 ²	天文望遠鏡的種 類、規格和特性	香港中文大學/ 香港太空館演講 廳及天台
2023年3月2日（星期四） 下午6時30分至9時	實習三 ²	架設天文望遠鏡	香港中文大學/ 香港太空館演講 廳及天台

2023年3月9日（星期四） 下午6時30分至8時30分	工作坊二 ²	天文活動策劃技巧	香港太空館演講廳
2023年3月14日（星期二） 下午6時30分至8時30分	工作坊三 ³	宇宙漫遊及 天文 x STEM	香港太空館天象廳及 演講廳
2023年3月23日（星期四） 下午6時30分至8時	工作坊四 ²	天文攝影初探	香港太空館演講廳
2023年4月8日（星期六）	補充練習（不計算出席率）及 課程考試-實習試 考試範圍：架設天文望遠鏡、運用雙筒望遠鏡和旋轉星圖		香港中文大學
2023年4月22日/29日 （星期六）	課程考試-筆試		香港中文大學/ 香港太空館演講廳
2023年5月13日（星期六） 上午10時至下午1時	實習四 ²	星空模擬實習* （不計算出席率）	網上授課
2023年5月27日（星期六） 上午11時至下午1時	工作坊五 ³	中國古天文 （不計算出席率）	香港太空館演講廳
2023年5月27日至28日 （星期六至日） 下午2時30至 翌日中午12時	觀測營（不計算出席率）		香港太空館演講廳、天文公園及 麥理浩夫人度假村
2023年5月30日（星期二） 下午6時30分至8時	畢業典禮		香港太空館演講廳

註：

香港中文大學理學院少年英才科學院認可課程

1 由香港中文大學物理系講師梁寶建博士主講

2 由香港天文學會代表主持

3 由香港太空館代表主持

* 學員需準備桌上電腦或手提電腦以使用免費軟件 Stellarium

(<https://stellarium.org/>)

以上進程表只供參考，課程內容或會因應疫情發展而有所改動，主辦單位會適時以電郵公布最新安排。

列印表格 Print

For official use only

重設表格 Reset

中學生天文訓練計劃報名表

Application Form for the Astronomical Training Programme for Secondary Students

(請以正楷填寫 Please complete in BLOCK letters)

學生姓名 (必須與身份證相同) Name of Student (Must be the same as shown on the HKID card)			
(中文)		(English)	
年齡 Age		性別 Gender	<input type="checkbox"/> 男 Male <input type="checkbox"/> 女 Female
聯絡電話 Contact no.		電郵地址 Email	
就讀學校 Name of School			
就讀級別 Class level	<input type="checkbox"/> 中四 Secondary 4 <input type="checkbox"/> 中五 Secondary 5		
是否選修物理科? Are you taking Physics as an elective?			
<input type="checkbox"/> 是 Yes <input type="checkbox"/> 否 No			
就讀學校是否已成立天文學會? Is there any astronomical society/club in your school?			
<input type="checkbox"/> 是 Yes <input type="checkbox"/> 否 No			
(續上題) 如有, 你是否學會會員 / 幹事會成員?			
(Follow-up question) If yes, are you a member or committee member of the society/club?			
<input type="checkbox"/> 否 No <input type="checkbox"/> 會員 Member			
<input type="checkbox"/> 幹事會成員 Committee Member <input type="checkbox"/> 副主席或主席 Vice President or President			
有否參與天文活動的經驗? Have you participated in any astronomical activities before?			
<input type="checkbox"/> 是 Yes <input type="checkbox"/> 否 No			
(續上題) 如有, 請描述一個令你最難忘的天文活動。			
(Follow-up question) If yes, please describe one of your most memorable astronomical activities.			
你從甚麼途徑學習天文知識? How do you learn about astronomy?			
你對哪一個天文範疇最感興趣? 請說明其原因。			
Which area of astronomy are you particularly interested in? Why?			
你會如何應用從本計劃中所學到的知識? How will you apply the knowledge gained from this programme?			

請在提交報名表前細閱「疫苗通行證」的最新要求。如你未能符合相關要求，你將無法進入本計劃的活動場所。

Please check the latest requirements of Vaccine Pass before submitting the application. If your record does not meet the requirements, you are not allowed to enter the programme venues.

請將填妥的報名表格連同學生證或學生手冊副本，於9月30日或以前循以下途徑交回香港太空館：

1. 傳真至2367 8320
2. 電郵至acoslib@hkspm.hk
3. 郵寄至九龍尖沙咀梳士巴利道十號香港太空館學校節目組收（信封面請註明「中學生天文訓練計劃」）
4. 投遞表格至香港太空館大堂活動表格收集箱

錄取名單將於10月21日或以前於香港太空館網站公布，獲錄取的同學須於指定日期前回覆是否參與計劃。

The completed form and copy of the student ID or handbook should be returned to the Hong Kong Space Museum on or before 30 September by:

1. Fax to 2367 8320
2. Email to acoslib@hkspm.hk
3. Mail to School Programme Unit, 10 Salisbury Road, Tsim Sha Tsui, Kowloon (Please mark "Astronomical Training Programme for Secondary Students" on the envelope)
4. Drop into the "Application Form Collection Box" at the Space Museum

Application results will be announced on the Space Museum's website on or before 21 October.

Successful applicants are required to confirm their participation by the date specified in the announcement.

注意事項：

1. 請填妥整份表格。不完整或遲交的申請恕不受理。
2. 請在適當方格加「✓」。
3. 透過本表格所提供的個人資料只作安排本訓練計劃之用，並會存檔於本館作紀錄，於當屆計劃完成後銷毀。
4. 根據個人資料（私隱）條例第18及22條及附表1第6項原則的規定，你有權要求查閱及更改本表格所載的個人資料。如要提出有關要求，請致函香港九龍尖沙咀梳士巴利道十號香港太空館學校節目組或致電2734 2711與本館職員聯絡。
5. 此報名表格可自行複印使用。

Points to note:

1. Please complete the entire form. Incomplete or late applications will not be considered.
2. Please tick "✓" the appropriate box.
3. The personal data collected in this form is used for the programme organised by the Hong Kong Space Museum. The data will be accessed only by staff of the museum and will be destroyed upon completion of this year's programme.
4. You have the rights to request access to and correct the personal data as stated in this form in accordance with Sections 18 and 22 and Principle 6 of Schedule 1 to the Personal data (Privacy) Ordinance. To make such request, please contact our staff at 2734 2711 or mail to School Programme Unit, Hong Kong Space Museum, 10 Salisbury Road, Tsim Sha Tsui, Kowloon, Hong Kong.
5. Photocopies of this form will also be accepted.

簽署 Signature: _____

日期 Date: _____

The Joseph Needham Foundation for Science and Civilisation Public Lectures on STEM Education

Aims / Objectives

This is to invite teachers and students of secondary schools to participate in the captioned events.

Details

2. This series of lectures is co-organised by the Joseph Needham Foundation for Science and Civilisation, the Education Bureau, the Hong Kong Academy of Sciences and the Hong Kong Science Museum, with the aims to promote Science, Technology, Engineering and Mathematics (STEM) education, and to enable students and the public to learn more about the recent development of some STEM-related topics, including digital health technology, Space exploration, Quantum computing, bioinformatics, Gerontech and the applications of Aerodynamics, as well as to recognise the challenges and opportunities of innovation and entrepreneurship in Hong Kong.

3. There are seven talks in this lecture series. Details are as follows:

	Date and Time	Topic and Synopsis of Lecture	Guest Speaker and Language
1	5 October 2022 (Wednesday) 2:30 - 4:30 p.m.	<i>Frontiers in Digital Health Technology</i> <ul style="list-style-type: none"> “Bioinformatics” is an interdisciplinary field which combines expertise in biomedical sciences, mathematics, statistics, and computer science, to develop technologies in medical big data analysis, genomic data analysis, medical artificial intelligence, and digital health. “Bioinformatics” plays an important role in advancing the digital health ecosystem in Hong Kong, ranging from precision medicine, telemedicine, and COVID-19 pandemic forecasting models. This lecture will explore these applications of “Bioinformatics” in healthcare. 	Dr Joshua HO Associate Professor and Programme Co-Director of BSc (Bioinformatics), Li Ka Shing Faculty of Medicine, The University of Hong Kong (Language medium: Cantonese)
2	12 October 2022 (Wednesday) 2:30 - 4:30 p.m.	<i>Maps for Space Exploration</i> <ul style="list-style-type: none"> We will need a map to visit a new place, and “maps” are also necessary and important for space exploration. This lecture will introduce “2D” and 	Prof Bo WU Fiona Cheung Professor in Spatial Science, Associate Head

	Date and Time	Topic and Synopsis of Lecture	Guest Speaker and Language
		<p>“3D” maps supporting space missions to the Moon and Mars, such as for guiding a spacecraft to reach its target, for surface landing and for navigating a drone. Apart from explaining methods for generating these maps, the lecture will also discuss the prospects of space exploration and related educational issues.</p>	<p>of Department of Land Surveying & Geo-Informatics, and Associate Director of Research Centre for Deep Space Explorations, The Hong Kong Polytechnic University</p> <p>(Language medium: Cantonese)</p>
3	<p>19 October 2022 (Wednesday)</p> <p>2:30 - 4:30 p.m.</p>	<p><i>Introduction to Space Astronomy</i></p> <ul style="list-style-type: none"> “Space astronomy” combines the development of space engineering and the application of astronomical instruments to analyse celestial bodies or the Universe after collecting astronomical data. In recent years, the development of space astronomy has leaped from studying electromagnetic waves to the gravitational waves. This lecture will introduce the history of the first space telescope, and the development of space gravitational wave telescopes. It will also introduce the latest developments in space astronomy in different countries. 	<p>Dr LEUNG Chun Sing</p> <p>Teaching Fellow, Department of Applied Mathematics, The Hong Kong Polytechnic University</p> <p>(Language medium: Cantonese)</p>
4	<p>26 October 2022 (Wednesday)</p> <p>2:30 - 4:30 p.m.</p>	<p><i>The Second Quantum Revolution and Quantum Computers</i></p> <ul style="list-style-type: none"> “Quantum mechanics” describes the rules of the microscopic world governed by particles such as atoms. The understanding of quantum mechanics enabled the development of electronic devices such as lasers, solid state transistors and sensitive detectors which brought the world into the modern technological era. Through more than 100 years of endeavours exploring the field, we are entering the “second quantum revolution” in which scientists could control the quantum states of individual atoms for performing quantum simulations, ultra-precise measurements and quantum computations. This lecture will discuss about the latest development of quantum mechanics and its 	<p>Dr LAW Kam Tuen, Victor</p> <p>Professor, Department of Physics, The Hong Kong University of Science and Technology</p> <p>(Language medium: Cantonese)</p>

	Date and Time	Topic and Synopsis of Lecture	Guest Speaker and Language
		upcoming challenges and opportunities.	
5	9 November 2022 (Wednesday) 2:30 - 4:30 p.m.	<p><i>The use of bioinformatics in neurological condition diagnosis</i></p> <ul style="list-style-type: none"> Neurodegenerative conditions affect over 400 million people worldwide. In Hong Kong, 1 in 67 people is diagnosed with a neurodegenerative disease, symptoms included abnormal gait, developmental delay, muscle weakness, difficulties in coordination, sudden behavioral change, and dementia. For a rare condition, it takes an average of 8 years from diagnosing early symptoms to confirmatory diagnosis for 25% of the patients, and 40% of patients had received an incorrect diagnosis at early stage of the diseases. Bioinformatics-based diagnosis can shorten the precise diagnostic time. This lecture will discuss about the latest development of “bioinformatics” and opportunities ahead. 	<p>Prof CHAN Ho Yin, Edwin</p> <p>Professor, School of Life Sciences, The Chinese University of Hong Kong</p> <p>(Language medium: Cantonese)</p>
6	30 November 2022 (Wednesday) 2:30 - 4:30 p.m.	<p><i>Geriatrics and Gerontech</i></p> <ul style="list-style-type: none"> With the ageing population in Hong Kong, many elderlies are susceptible to loss of cognitive and physical functions due to different chronic conditions and frailty. “Geriatrics” is a medical specialty on promoting the health and well-being, maintaining functional independence, and enhancing the quality of life of elderlies. There is increasing demand for gerontech developers to design products that promote a healthy ageing society in Hong Kong. This lecture will discuss about the ways of facilitating geriatric care and related innovative services through Gerontech. 	<p>Dr Jacqueline YUEN</p> <p>Clinical Assistant Professor in Geriatric Medicine, Li Ka Shing Faculty of Medicine, The University of Hong Kong</p> <p>(Language medium: Cantonese)</p>
7	7 December 2022 (Wednesday) 2:30 - 4:30 p.m.	<p><i>Aerodynamics of Cycling</i></p> <ul style="list-style-type: none"> Cycling is beneficial to people’s social life and physical well-being. Sports cycling is also closely associated with the high-tech manufacturing industry. The physical concept called “Aerodynamics” is the most crucial consideration for 	<p>Prof ZHANG Xin</p> <p>Swire Professor of Aerospace Engineering Chair Professor of Department of Mechanical and Aerospace</p>

	Date and Time	Topic and Synopsis of Lecture	Guest Speaker and Language
		cycling performance improvements. The Hong Kong University of Science and Technology has developed an advance sports wind tunnel and digital modelling software based on high-performance computers to study aerodynamics of various sports in recent years. In this lecture, results and advances in sports wind tunnel testing and high-performance computer simulation of cyclists and equipment will be discussed.	Engineering The Hong Kong University of Science and Technology (Language medium: Putonghua supplemented with English)

4. The lectures will be conducted simultaneously in the Lecture Hall of Hong Kong Science Museum in the form of onsite lecture and online live broadcast. Details of the lectures will be sent to enrolled schools one week before the event date. In addition, students who participate in the onsite lectures will be issued with a “Certificate of Attendance” of the lecture for encouragement.

5. All secondary schools are encouraged to participate in the “The Joseph Needham Foundation for Science and Civilisation Public Lectures on STEM Education”. Please visit the following Hong Kong Science Museum website for details and registration.

(https://hk.science.museum/en_US/web/scm/event/sl.html)



Contact Person

6. Ms Celine LEE of the Joseph Needham Foundation for Science and Civilisation:
Tel: 2866 6598 e-mail: celine.lee@jnfschk.org

e-STEAM@Home Award Scheme 2023

Aims / Objectives

This is to invite primary and secondary schools to nominate students to participate in the captioned scheme.

Details

2. **e-STEAM@Home Award Scheme 2023** (the Scheme) is a self-paced student-centred learning program for primary and secondary school students. It is organised by the Hong Kong Virtual University (HKVU) of the Hong Kong University of Science and Technology (HKUST) in partnership with the Hong Kong Education City, the HKUST-Lee Kum Kee Happy Family Learning Center and the Education Bureau. The Scheme aims to facilitate students to acquire knowledge in various domains, such as science, technology, engineering, the arts/language and mathematics, through quality online courses, and familiarise them with online learning. Please refer to Appendix 16a for details of the Scheme.

3. Schools interested in nominating their students to participate in the Scheme are required to complete the nomination form (<https://hkvu.hk/e-steam-sis>) and return it by e-mail to HKVU (hkvu@ust.hk) on or before **30 November 2022 (Wednesday)**. The registered students can login the online learning platform on 1 October 2022 at the earliest and start to attend the courses.



Contact Person

4. For enquiries, please contact Mr Tony FUNG of HKVU at 2358 8778 or by e-mail (hkvu@ust.hk).



[Application Deadline: 30 November 2022 (Wednesday)]

1. Introduction

e-STEAM@Home Award Scheme 2023 runs from **October 2022** to **August 2023** and it is free-of-charge. The Scheme provides online courses with various topics in the domains of science, technology, engineering, the arts/language and mathematics, which are suitable for senior primary, junior secondary and senior secondary students.

2. Contents of the courses

The Scheme includes 15 courses related to STEAM learning². For details of the course contents, please refer to the webpage of the online learning platform (<https://hkvu.hk/e-steam>). The topics for the 15 courses are listed below.

Topics (In English only)	Recommended levels		
	Senior Primary	Junior Secondary	Senior Secondary
1. Introduction to Computers and Office Productivity Software (T)	✓	✓	✓
2. Programming with Scratch (E)	✓	✓	✓
3. The Science of Gastronomy (S)		✓	✓
4. Developing Android Apps with App Inventor (E)		✓	✓
5. Intimacy of Creativity: Entering the Minds of Composers (A)		✓	✓
6. Fibonacci Numbers and the Golden Ratio (M)		✓	✓
7. Health Concepts in Chinese Medicine (S)			✓
8. Digital Design (E/A)			✓
9. Introduction to Computing with Java (Part 1) (E)			✓
10. Introduction to Computing with Java (Part 2) (E)			✓

² The course contents are provided in English only.

Topics (In English only)	Recommended levels		
	Senior Primary	Junior Secondary	Senior Secondary
11. Slope Engineering (E)			✓
12. English for Presenting Innovative Ideas - Speaking (A)			✓
13. English for Presenting Innovative Ideas - Writing (A)			✓
14. Matrix Algebra for Engineers (M)			✓
15. Vector Calculus for Engineers (M)			✓

Note: S – Science; T – Technology; E – Engineering; A – the Arts/Language; M – Mathematics

The courses will be disseminated through HKVU's e-Learning Open Platform (HKMOOC). In order to keep track of each participant's learning progress, a stand-alone HKMOOC account with password will be generated for each participating student. The account information will be sent to the teacher-in-charge of the corresponding schools for distribution. The students are required to attend the online courses and complete the online assignments via HKMOOC.



3. Target participants and enrolment arrangement

Students of senior primary, junior secondary and senior secondary levels are welcome to join. Applications should be made via schools. Each school is required to submit one application form only.

4. Awards

Electronic Award Certificates will be issued by the Hong Kong Virtual University (HKVU) to the participants who have completed the required number of courses.

Award	Number of courses completed
Bronze	2
Silver	3
Gold	4
Platinum	5

5. Enquiry

For enquiries, please contact Mr Tony FUNG of HKVU at 2358 8778 or by e-mail (hkvu@ust.hk).

The 2nd STEM-Up HK Innovation and Technology Competition

Objective

This serves to invite all primary and secondary schools to participate in the 2nd STEM-Up HK Innovation and Technology Competition.

Details

2. The 2nd STEM-Up HK Innovation and Technology Competition is organised by Junior Police Call (JPC) and supported by the Education Bureau; the Innovation, Technology and Industry Bureau; the Office of the Government Chief Information Officer; Hong Kong Productivity Council; Hong Kong New Generation Cultural Association; Hong Kong Extra-curricular Activities Masters' Association; the Hong Kong Computer Society; Hong Kong Cyberport Management Company Limited; Hong Kong Science & Technology Parks Corporation; and Hong Kong STEM Education Alliance. JPC has been committed to the provision of a wide range of activities and training for young people over the years. In 2021, a new strategy – IDEAS@JPC³ was introduced. To suit the needs of students and tie in with the development of STEAM education and promote the development of innovative thinking under the new strategy of JPC, JPC has launched the 'STEM-Up HK Innovation and Technology Competition' ('the Competition') since then, which is divided into three phases: 'Learning', 'Competition', and 'Award Presentation and Exhibition'. Through an approach based on the concept of 'Smart City', primary and secondary school students will give full play to their STEAM-related knowledge and skills by consolidating them in collaborative projects on enhancing the effectiveness of city management and safety and improving people's quality of living.

3. The goal of the Competition is to provide an appropriate platform for student engagement in experiential learning for developing skills in problem solving and logical reasoning, as well as inspiring their creative thinking. Students will put the concept of "Smart City" into practice by proposing innovative and feasible solutions with the objective of building a city incorporating intelligence and safety so that citizens can live in one of the safest and most stable societies in the world.

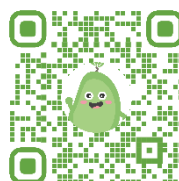
4. The competition is divided into four categories: junior primary level, senior primary level, junior secondary level and senior secondary level. Application is open to individuals with the submission of 'Creative Design Drawing' from junior primary; and for all other categories, both by individuals or teams (no more than five members each), by submitting 'Project Report and Entry'.

³ IDEAS: "I" stands for Innovation, "D" for Discipline, "E" for Exposure, "A" for Adventure and "S" for Synergy.

5. To raise students' understanding of STEAM disciplines and the concept of 'Smart City', JPC has produced a series of e-learning workshops, introducing the topics on 'Mobility', 'Living', 'Environment' and 'Economy' under the Competition theme of 'Smart City'. Professionals and professors were invited to share their knowledge on their professional areas during these workshops. Moreover, JPC will also organise various activities with innovation and technology elements for JPC members to participate in, including different courses and visits. Students and teaching staff can watch the video clips concerned and learn more about the activities through the competition website (<https://www.jpc.org.hk/stemup>) and the JPC App.



Competition Website



JPC App

6. There are over 230 awards of the whole Competition, with a champion, a first runner-up and a second runner-up in each category. Prizes include scholarships, certificates of merit or trophies. Award winners who are JPC members from the secondary school categories may be invited to join the fully funded 'Science and Technology Study and Exchange Tours to the Greater Bay Area' alongside other activities. In addition, each participant will be given a certificate issued by the organiser.

7. The Competition is open for application from 1 September 2022 to 13 January 2023. The application and competition guidelines have been announced on the Competition website.

8. To subsidise students' participation in the competition, all government, aided, caput and Direct Subsidy Scheme secondary schools can participate in the 'IT Innovation Lab in Secondary Schools' Programme of the Office of the Government Chief Information Officer and submit funding applications to organise IT-related activities and to procure IT equipment and related professional services required for the activities. All publicly-funded primary schools can also apply for the 'Knowing More about IT' Programme. Details are available from the Programme website at <https://www.it-lab.gov.hk>.

Enquiries

9. For enquiries, please contact JPC staff from 0900 hours to 1700 hours, Monday to Friday (except public holidays) at 9877 4110 (for primary schools), 9307 4532 (for secondary schools) or email to stemup@jpc.org.hk.