

EDUCATION BUREAU CIRCULAR MEMORANDUM NO. 72/2022

From : Secretary for Education
To : Heads of Primary and Secondary Schools
Ref. : EDB(CD)/ADM/50/1/2(36)
Tel. : 2892 6680
Date : 3 May 2022

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

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

Summary

The purpose of this circular memorandum is to invite 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 primary schools:

	<i>Key Learning Area/ Subject</i>	<i>Title</i>	<i>For the attention /action of</i>	<i>Remarks</i>	<i>Annex</i>
i)	Values Education	ICAC “i Junior Programme for Primary Schools”	School Heads, Moral, Civic and National Education Coordinators and Teachers, Guidance and Discipline Teachers		1
ii)	Chinese Language Education	「假如我是大公報記者」第四屆全港青少年徵文比賽 (Chinese version only)	School Heads, Chinese Language panel heads and teachers	Application deadline : 5:00 pm, 31st July 2022 (Sunday)	2

	<i>Key Learning Area/ Subject</i>	<i>Title</i>	<i>For the attention /action of</i>	<i>Remarks</i>	<i>Annex</i>
iii)	Physical Education	Outdoor Education Camp Scheme (2022/23)	School Heads, Physical Education Panel Chairpersons and Teachers, Coordinators of Co-curricular Activities and Teachers-in-charge of Outdoor Education Camps	Application period: from 17 May 2022 (Tuesday)	5
iv)	Science Education	Croucher Science Week 2022	School heads, panel chairpersons and teachers of General Studies	The programme period: 23 March 2022 – 22 May 2022	6

b) For secondary schools:

	<i>Key Learning Area/ Subject</i>	<i>Title</i>	<i>For the attention /action of</i>	<i>Remarks</i>	<i>Annex</i>
i)	Chinese Language Education	「假如我是大公報記者」第四屆全港青少年徵文比賽 (Chinese version only)	School Heads, Chinese Language panel heads and teachers	Application deadline : 5:00 pm, 31st July 2022 (Sunday)	2
ii)	Arts Education / Music	GalaMusica • School Chamber Compositions 2023	School heads, Arts Education Key Learning Area Co-ordinator, panel chairpersons and teachers of Music	Deadline for submission of entries: 4 November 2022 (Friday)	3
iii)	Gifted Education	STEM Young Talents Cup 2022	Teachers responsible for STEM education/ school-based gifted education	Please refer to the website of Hong Kong New Generation Cultural Association	4
iv)	Physical Education	Outdoor Education Camp Scheme (2022/23)	School Heads, Physical Education Panel Chairpersons and Teachers, Coordinators of Co-curricular Activities and Teachers-in-charge of Outdoor Education Camps	Application period: from 17 May 2022 (Tuesday)	5

	<i>Key Learning Area/ Subject</i>	<i>Title</i>	<i>For the attention /action of</i>	<i>Remarks</i>	<i>Annex</i>
v)	Science Education	Croucher Science Week 2022	School heads, coordinators and teachers of Science Education Key Learning Area	The programme period: 23 March 2022 – 22 May 2022	6
vi)	Science, Technology and Mathematics Education	STEM Student Lectures: “A Kaleidoscopic Glance into Engineering”	Principal, Science/Technology /Mathematics coordinators and teachers.	Application deadline: 13 June 2022 (Monday)	7

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

Enquiry

4. 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 Edith Y C TSE
for Secretary for Education

c.c. Heads of Sections – for information



Independent Commission Against Corruption i Junior Programme for Primary Schools (2022/23 School Year)

Aims / Objectives

This is to invite all primary schools to participate in the captioned programme.

Details

2. The Community Relations Department of the Independent Commission Against Corruption (ICAC) will roll out the “i Junior Programme for Primary Schools” in 2022/23 school year. The Programme, through organising a Student Participation Scheme and providing an animation-based teaching package, aims to support teachers to implement their school-based values education curriculum within and beyond the classroom, with a view to cultivating students’ positive values and attitudes.

3. The ICAC will provide **activity manual and handy materials** (in Chinese only) on the theme of “honesty” to the participating schools. Schools are invited to recruit senior primary students as “i Junior Leaders” to carry out online and offline activities during recess, lunch or extracurricular activities to spread positive messages to their fellow schoolmates. Schools may arrange this Programme flexibly throughout the school year to tie in with the school-based values education curriculum, personal growth education, student guidance activities, etc.

4. Besides, the ICAC has produced **a new series of animation named “The Little Coffee Bean Missions”** (in Cantonese, with English subtitles) based on the everyday life of primary school students. Learning and teaching resources, including lesson plans and suggested extension activities, will also be uploaded to the “Moral Education Web” of the ICAC. The core theme of the animation-based teaching package is “honesty”, while other positive values such as “self-discipline and rule-abidingness”, “responsibility”, “empathy”, “respect for others” and “diligence” are also covered in individual modules. To tie in with the launch of the teaching package, the ICAC will produce teaching aids such as posters and game cards for participating schools of the Programme.



5. Invitation letters for the Programme have been sent to schools by the ICAC in late April 2022. Interested schools please fill in the enrolment form (in Chinese only) as follows and send it to the ICAC (Fax no. 2530 1573) **on or before 18 May 2022 (Wed)**.

6. Further details of the Programme are available at the website (<https://me.icac.hk/icac/ijunior/index.html>).



Contact Person

7. For enquiries, please contact the Youth and Moral Education Office, Community Relations Department, ICAC at 2826 3374.

致：廉政公署 社區關係處 青年及德育組（傳真：2530 1573）

廉政公署 i Junior 小學德育計劃（2022/23 學年）

報名表

截止報名日期：2022 年 5 月 18 日


學校名稱：_____（中文）_____（英文）

學校地址：_____

校長姓名：_____負責教師姓名：_____（手提電話：_____）

電話號碼：_____傳真號碼：_____電郵地址：_____

本校報名參加以下活動（請於空格內加上✓號及填上所需資料）：

活動	詳情
<input type="checkbox"/> i Junior 小學德育計劃	
(1) 學生參與活動	
• 預計 <u>參與活動</u> 的學生人數：_____	• 廉署將提供以「誠實」為主題的活動建議和物資，以及簡單的學生培訓，支援參與學校。負責老師招募及安排 i Junior 領袖透過簡單有趣的活動，向不同年級的同學推廣正面價值觀。
(2) 卡通動畫教材	
• 預計 <u>使用教材</u> 的學生人數：_____	• 廉署將提供配合卡通動畫《小啡豆大任務》及網上版教材的實用教具，讓老師於課堂使用。
廉署將按參與活動的學生人數/使用教材的學生人數，於 2022 年 9 月起派送活動物資及教具到學校。	

負責老師簽署及學校蓋章：_____

日期：_____

在本表格內提供的資料，將用作處理申請是項活動之用。根據香港《個人資料(私隱)條例》，你有權要求查閱及更正本表格內填寫的資料。我們未取得你的同意前，不會向第三者提供你的個人資料作其他不相關的用途。如有需要，請致電 2826 3374 與助理廉政教育主任聯絡，或致函香港北角渣華道 303 號八樓廉政公署社區關係處青年及德育組。

「假如我是大公報記者」第四屆全港青少年徵文比賽 (Chinese version only)

宗旨/目標

本附件旨在邀請各中小學報名參加上述比賽。

詳情

2. 是次比賽，旨在鼓勵全港青少年傳承新聞理想，通過設想與筆觸，寫出對成為一名新聞工作者的美好願景，開拓傳媒視野，增強創新意識，開展人文精神，以期提升青少年對傳媒專業的認知、對社會時事的參與感。

3. 比賽截止報名日期為 2022 年 7 月 31 日(星期日)下午五時正，以收到電子郵件的時間為準。詳情請參閱附錄 2a 宣傳海報，以及比賽報名表格：
<https://forms.gle/7fS993Mi73GYxpEu7>。



聯絡人

4. 如有查詢，請與香港大公文匯傳媒集團蘇女士(電話：3708 3870 或 6560 8304)或郭女士(電話：3708 3816 或 9587 3558)聯絡。



假如我是大公報記者

第四屆全港青少年徵文比賽

作品題目

請以「假如我是大公報記者」為主題，寫出你心裡對成為一名新聞工作者的美好願景。

徵文語言：繁體中文

體裁：不限

· 報名自即日起，截止日期為2022年7月31日（星期日）下午五時正，以收到電子郵件的時間為準。

參賽組別

初小組：於2021–2022年度在本港就讀之全日制小一至小三學生
 高小組：於2021–2022年度在本港就讀之全日制小四至小六學生
 初中組：於2021–2022年度在本港就讀之全日制中一至中三學生
 高中組：於2021–2022年度在本港就讀之全日制中四至中六學生
 大專組：在本港大專院校就讀的全日制副學士、學士、碩士研究生及博士研究生

（報名表須附列有年份之學生證副本、手冊或蓋上學校印鑑。）

作品要求

- 稿件必須以電腦打字輸入，恕不接受手寫稿件。稿件需以Word Document形式儲存，連同報名表格，以電郵形式遞交。參賽者需在文末以阿拉伯數字標記全文字數，字數不包括文章標題和標點符號。
- 稿件須為繁體中文，初小組字數不多於300字，高小組不多於500字，初中組不多於800字，高中組不多於1200字，大專組不多於1500字。同一人最多只接受一篇參賽投稿作品。
- 以上活動的規則及安排均以主辦機構最後落實為準。
- 香港大公文匯傳媒集團保留最終解釋權。

參賽對象及組別

中小學生：香港全日制學校小一至中六學生，就讀官立、津貼、直資及國際學校皆可。

大專生：香港全日制大專院校在讀的全日制副學士、學士、碩士研究生及博士研究生（不包括在職研究生）。

學生可以個人名義參加，也可由學校組織參與。需持有效香港居民身份證。

報名及投稿方法

· 報名以網絡報名並以電郵形式遞交。

網絡報名：請在此網頁下方完成線上報名

電郵報名：wrdreamchaser@outlook.com，

郵件標題格式為：「假如我是大公報記者」徵文比賽+姓名+學校+年級
 郵件需附上：

- （1）已填妥之報名表格截圖；
 - （2）參賽作品一份，附件檔案名稱應註明參加者姓名及參賽作品名稱；
 - （3）有年份之學生證副本、手冊或蓋上學校印鑑。
- 成功遞交報名表格及作品者，將於5–7個工作天內收到電郵確認信。

獎項及獎金

初小組、高小組、初中組、高中組、大專組均設：

- 冠軍：1名 獎品：獎盃一座、書券\$3,000及獎狀一張
 亞軍：2名 獎品：各得獎盃一座、書券\$2,000及獎狀一張
 季軍：2名 獎品：各得獎盃一座、書券\$1,000及獎狀一張
 優異獎：10名 獎品：各得書券\$300及獎狀一張

比賽結果及頒獎典禮

· 比賽獲獎名單將擬於2022年10月下旬在《大公報》、香港《文匯報》、香港大公文匯傳媒集團旗下新媒體平台公佈，並由組委會以電郵或電話通知各獲獎者。獲獎者將獲安排於頒獎典禮上領獎。

· 獲獎作品將陸續刊載於《大公報》、香港《文匯報》、香港大公文匯傳媒集團旗下新媒體平台，並由香港大公文匯傳媒集團集成書出版。





GalaMusica • School Chamber Compositions 2023

Aims / Objectives

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

Details

2. The **GalaMusica • School Chamber Compositions 2023** aims to encourage students to compose music. It is expected that students can learn from each other with their original compositions premiered by professional performers. The activity is presented by the Arts Education (AE) Section of the Curriculum Development Institute (CDI), the Education Bureau, co-organised by the Hong Kong Composers' Guild and sponsored by the Composers and Authors Society of Hong Kong.

3. Each composition should be written for **three to six different instruments** selected from the given list, including **at least one Chinese instrument**. The **duration of each composition is 3 to 5 minutes**. There is no limit on the number of entries for each school.

4. There are a number of awards in this activity, including the “Outstanding Composition Awards” which will be premiered by professional performers in a public concert. Moreover, the “Best Creative Ideas Award”, the “Best Chinese Instrumental Music Writing Award” and the “Performers’ Adjudication Award” will be selected during the concert. Awarded entries will also be displayed on the e-Gallery of the CDI. Outstanding student composer(s) will be selected to join the “Hong Kong Composers’ Guild Mentorship Scheme” to study with experienced composer(s) for a year with full sponsorship.

5. Schools interested in joining the captioned activity, please complete the **Application Form, Declaration and Consent Slip**, and submit together with the **composition(s)** to the AE Section **on or before 4 November 2022 (Friday)**. For details, please visit the website of the AE Key Learning Area (<http://www.edb.gov.hk/en/galamusica>), or scan the QR code on the right.



Contact Person

6. For enquiries, please contact Mr YEY Cheung-shing of the AE Section on 3698 3531.

STEM Young Talents Cup 2022

Aims / Objectives

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

Details

2. The Education Bureau (EDB) has commissioned the Hong Kong New Generation Cultural Association (HKNGCA) to organise the STEM Young Talents Cup 2022. The competition aims at promoting STEM education through providing an opportunity for students to demonstrate their creativity and practical skills.

3. The STEM Young Talents Cup 2022 consists of the preliminary round and final round. Each school must send at least 4 teams, with 3 students in each team, to participate in the competition. Each team will use the materials provided to make a model to compete for the weight-bearing capacity. The preliminary round will be held in the participating schools from 21 May to 1 August 2022. The winning team from each participating school will enter the final round. The final round will be held on 13 August 2022. The teams will use the materials provided to make a seismic model. To decide the winners, earthquake resistance tests will be conducted.

4. The most updated details of the STEM Young Talents Cup 2022 are available on the website of HKNGCA Science Innovation Centre (http://sic.newgen.org.hk/load.php?link_id=63378).



Contact Person

5. For enquiries, please contact the HKNGCA Science Innovation Centre on 2792 3639 or by email to joeyip@newgen.org.hk.

Outdoor Education Camp Scheme (2022/23)

Objectives

This is to invite primary and secondary schools to participate in the “Outdoor Education Camp Scheme” (OECS).

Details

2. The Education Bureau (EDB) encourages schools to organise outdoor education (OE) camps to provide opportunities for students to gain life experience in the natural environment and extend classroom learning.

3. For details of the OECS in the 2022/23 school year, please refer to EDB webpage:

https://www.edb.gov.hk/en/curriculum-development/kla/pe/references_resource/oecamp/index.html.



4. The camp places of the 2022/23 school year (i.e. from 1 September 2022 to 14 July 2023) will be open for telephone booking by schools from 9:00 a.m. on 17 May 2022 (Tuesday) onwards. Schools that are interested in the OECS should download the application form from the above webpage. Procedures and points to note for application are as follows:

Procedures	Details
Step 1: At least two months before the commencement of the OE Camp	<p>Schools should directly contact the respective camp offices <u>by telephone to reserve the camp places</u>.</p> <ul style="list-style-type: none"> ● A deposit at a rate of \$25 (3-day camp) or \$50 (5-day camp) per head may be collected by the camp offices, except those operated by the Leisure and Cultural Services Department (LCSD). ● <u>Schools should note:</u> In view of the development of the Coronavirus Disease 2019, Lei Yue Mun Park, Lady MacLehose Holiday Village, Sai Kung Outdoor Recreation Centre and Tso Kung Tam Outdoor Recreation Centre of the LCSD have been temporarily converted into quarantine centres/temporary accommodation sites, and the camping services are temporary suspended. The telephone booking services of camp places by schools in the 2022/23 school year are not available in May 2022, and the booking services will be postponed until further notice. Updated information will be

	provided through the official websites of the LCSD holiday camps. For enquiries on the above arrangement, please contact Leisure Manager (Camps) of the LCSD on 2601 8299.
Step 2: Within one week after the telephone booking	<p>Schools should <u>return the duly completed “OECS” Application Form (the Form) to the respective camp offices by fax or email.</u> Schools should clearly indicate if they also wish to apply for the OECS subsidy in the Form.</p> <ul style="list-style-type: none"> ■ For submission of the Form via <u>fax</u>: upon receiving the Forms acknowledged by the camps, EDB will reply and notify schools of the result of subsidy application via fax. ■ For submission of the Form via <u>email</u>: upon receiving the Forms acknowledged by the camps, EDB will reply and notify schools the result of subsidy application via the email provided by the schools. ● Camp offices will verify the information on the application form against the telephone booking record, and then forward it to EDB for follow up action. ● If any school does not receive any notifications within 20 days after the submission of application, the school may contact the PE Section, EDB for enquiry (Tel No.: 2762 2538).
Step 3: At least six weeks before the commencement of the OE Camp	Schools should <u>confirm the number of camp places and programme design with the respective camp offices</u> to facilitate the deployment of manpower and resources.
Step 4: At least four weeks before the commencement of the OE Camp	For any changes of the number of camp places reserved, schools are required <u>to notify the respective camp offices and EDB in writing</u> at least four weeks before the commencement of the OE Camp. The camp offices will then confirm the updated information and provide the information to EDB to revise the subsidy accordingly. For those schools which have not timely confirmed the changes of the number of camp places with the respective camp offices, the camp offices may refuse other additional campers to the campsites. The camp offices may also charge schools in accordance with the original numbers of campers proposed through Step 3 above. Besides, <u>schools should arrange the payment according to the specified period of time provided by the camps.</u>
Step 5: In the OE Camp	On arrival at the camp, the responsible teacher and the camp officer should confirm and sign a record of actual number of campers attended. EDB will provide the OECS subsidy according to this record.
Step 6: Within one week after the completion of the OE Camp	Schools should complete the <u>“Outdoor Education Camp Scheme” Evaluation Form in duplicate</u> and return them to the respective camp offices and EDB.

5. The OECS subsidy rates are as follows:

	5-day Camp (applicable to primary schools only)	3-day Camp
Camping Days	Monday to Friday (or other arrangements as agreed with the camp offices)	Monday to Wednesday or Wednesday to Friday (or other arrangements as agreed with the camp offices)
Subsidy Rate per Student	\$ 302	\$152
Subsidy to Accompanying Teachers	Subsidy to Accompanying Teachers is calculated based on the ratio of 1:25 (i.e. one accompanying teacher will be subsidised full charges for 25 participating students), and at least two teachers ^{Note} will be subsidised in each application. <i>[Note: According to the “Guidelines on Outdoor Activities”, at least two teachers are required for each camp period.]</i>	

6. To plan for an OE camp, schools should set clear learning objectives, work collaboratively with respective camp offices on the programme design, assign teachers to look after their students, and help conduct some of the activities as necessary.

7. Schools should closely observe the following guidelines, including the “Safety Measures during School Activities” under the “Schools Safety and Insurance”, particularly the “Guidelines on Extra-curricular Activities in Schools”, “Guidelines on Outdoor Activities”, “Safety Guidelines on Physical Education Key Learning Area for Hong Kong Schools” and take necessary precaution measures. For details, schools may refer to EDB webpage:

<https://www.edb.gov.hk/en/sch-admin/admin/about-sch/sch-safety.html>



Contact Person

8. For enquiries on OECS, please contact Ms Abby LAU of the Physical Education Section, Curriculum Development Institute, Education Bureau on 2762 2538.

Croucher Science Week 2022

Aims / Objectives

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

Details

2. Croucher Science Week is funded by the Croucher Foundation, and is jointly organised by the Croucher Foundation, the Education Bureau and the Hong Kong Science Museum. It aims to nurture our younger generation's curiosity and encourage them to understand the importance and contribution of science to their daily lives, and thus make science relevant to them.

3. In view of the COVID-19 infection, Croucher Science Week 2022 will be available online, providing Hands-on Science, Mini Science Shows, Outdoor Tours and Science Talks for schools.

4. As schools may gradually resume face-to-face and/or remote classes, the programmes of Croucher Science Week 2022 will be extended to 22 May to provide students with more opportunities of participating in STEM activities. For more details of the programmes and the registration arrangement, please refer to Appendices 6a (Programmes for primary schools) and 6b (Programmes for secondary schools) or Croucher Science Week website: <https://croucherscienceweek.hk>.



Contact Person

5. For enquiries, please contact Mr Fong of the Croucher Foundation on 2736 6337 or by email (email address: education@croucher.org.hk).

Croucher Science Week 2022 – Programmes for Primary Schools

1. Programme details

- The online programmes are available **from 23 March 2022 to 22 May 2022** and registered schools can enjoy unlimited access to the programmes during the event period.
- The contents of the programmes are related to Strand 3 ‘Science and Technology in Everyday Life’ of the General Studies (P1-P6) Curriculum
- The programmes are conducted in English with Chinese and English subtitles.

2. Programme list

Event name and speaker	Description of the show	Remarks
<p>Hands-on Science: Bubble Geometry</p> <p>Hosted by the Science Museum Group from the UK</p>	<p>Find out by blowing lots of bubbles to explore the shapes and angles soap bubbles create when they join and build a frame to form a non-spherical bubble.</p>	<p>Length of video is around 15 minutes.</p> <p>As circumstances permit, teachers may prepare the required experimental materials according to the material list to be provided, and conduct the experiments with students while watching the video together in school.</p>
<p>Hands-on Science: Make it Fly</p> <p>Hosted by the Science Museum Group from the UK</p>	<p>How do planes stay in the air? Investigate the forces of flight by making your own paper gliders and testing them out!</p>	<p>Length of video is around 15 minutes.</p> <p>As circumstances permit, teachers may prepare the required experimental materials according to the material list to be provided, and conduct the experiments with students while watching the video together in school.</p>

<p>Hands-on Science: Fizz, Pop, Wow!</p> <p>Hosted by Steve Spangler from the US</p>	<p>Experiment with chemical reactions to create carbon dioxide gas to make things “explode”, and discover much more with your critical thinking skills and creativity.</p>	<p>Length of video is around 45 minutes.</p> <p>As circumstances permit, teachers may prepare the required experimental materials according to the material list to be provided, and conduct the experiments with students while watching the video together in school.</p>
<p>Hands-on Science: Ghost Bubbles</p> <p>Hosted by The Royal Institution of Great Britain</p>	<p>Explore the strange and slightly spooky behaviour of carbon dioxide gas in the simple experiment you can do at home.</p>	<p>Length of video is around 15 minutes.</p> <p>As circumstances permit, teachers may prepare the required experimental materials according to the material list to be provided, and conduct the experiments with students while watching the video together in school.</p>
<p>Hands-on Science: Good Vibrations</p> <p>Hosted by The Royal Institution of Great Britain</p>	<p>Explore how engineers design and make earthquake-proof buildings with this try-at-home activity. Using equipment in the kitchen you will make an earthquake simulator and use it to test your constructions.</p>	<p>Length of video is around 15 minutes.</p> <p>As circumstances permit, teachers may prepare the required experimental materials according to the material list to be provided, and conduct the experiments with students while watching the video together in school.</p>

<p>Mini Science Show: Fire Chemistry</p> <p>Hosted by The Royal Institution of Great Britain</p>	<p>Join us for surprisingly fiery chemical reactions, the fire triangle and many more exciting explosions as we dive into the chemistry of fire!</p>	<p>Length of video is around 30 minutes.</p> <p>Worksheet is available for download.</p>
<p>Mini Science Show: All About Air</p> <p>Hosted by Steve Spangler from the US</p>	<p>Let's create a life-size tornado at home or classroom after learning how to capture a swirling vortex in a bottle! We will also learn how weather systems develop and how air in the atmosphere moves through convection currents.</p>	<p>Length of video is around 45 minutes.</p> <p>As circumstances permit, teachers may prepare the required experimental materials according to the material list to be provided, and conduct the experiments with students while watching the video together in school.</p>
<p>Mini Science Show: Energy Live!</p> <p>Hosted by The Royal Institution of Great Britain</p>	<p>From elastic to gravitational, kinetic to chemical, see some fiery and explosive demonstrations of what energy is and how it affects our lives.</p>	<p>Length of video is around 30 minutes.</p> <p>Worksheet is available for download.</p>
<p>Mini Science Show: Science of Sweets</p> <p>Hosted by The Gastronomist from the UK</p>	<p>Join us to blow apart the world of sweets featuring weird and wonderful edible chemical reactions, sugar explosions and fireworks made from cereal!</p>	<p>Length of video is around 30 minutes.</p> <p>Worksheet is available for download.</p>
<p>Mini Science Show: The Right Question Changes Everything!</p> <p>Hosted by Jason Latimer from the US (Winning magician of World Champion of Magic)</p>	<p>Making the impossible possible through STEM by turning objects invisible, shaping water, or making magic take place through the screen.</p>	<p>Length of video is around 30 minutes.</p> <p>As circumstances permit, teachers may prepare the required experimental materials according to the material list to be provided, and conduct the experiments with students while watching the video together in school.</p>

<p>Outdoor Tour: The Jungle World</p> <p>Hosted by Anturus from the UK</p>	<p>Many animal species rely on the forests and jungles to survive. We look at some of the most interesting animals in the jungles and what challenges they face.</p>	<p>Length of video is around 10 minutes.</p>
<p>Outdoor Tour: The Winter World</p> <p>Hosted by Anturus from the UK</p>	<p>In some places, winter brings ice, snow and cold so harsh that it can kill. But many animals survive and thrive in these winter habitats despite the conditions. We'll discuss how they adapt, and what new obstacles stand in their way!</p>	<p>Length of video is around 10 minutes.</p>
<p>Science Talk: Your Mind-Blowing Brain!</p> <p>Hosted by Dr Samantha Yammine from Canada</p>	<p>The brain is in charge of everything you think, feel, and do. It even stores all your memories, inside billions of tiny cells that, together, make you who you are. Join us a visual tour of your mind-blowing brain.</p>	<p>Length of video is around 15 minutes.</p> <p>Worksheet is available for download.</p>

3. Application

Schools interested shall register online through Croucher Science Week website (<https://croucherscienceweek.hk>). Schools will be given access to the show upon successful registration.



Croucher Science Week 2022 – Programmes for Secondary Schools

1. Programme details

- The online programme is available from **23 March 2022 to 22 May 2022** and registered schools can enjoy unlimited access to the programmes during the event period.
- The programmes are conducted in English with Chinese and English subtitles.

2. Programme list

Event name and speaker	Description of the show	Remarks
<p>Hands-on Science: Wreck Your Tech</p> <p>Hosted by the Science Museum Group from the UK</p>	<p>How does tech work? Get hands-on and take apart different things like a pen, a torch and a calculator to discover how something works.</p> <p>Curriculum link: Unit 1 ‘Introducing Science’ and Unit 13 ‘From Atoms to Materials’ of Science (S1-3) curriculum</p>	<p>Length of video is around 15 minutes.</p> <p>As circumstances permit, teachers may prepare the required experimental materials according to the material list to be provided, and conduct the experiments with students while watching the video together in school.</p>
<p>Hands-on Science: Fizz, Pop, Wow!</p> <p>Hosted by Steve Spangler from the US</p>	<p>Experiment with chemical reactions to create carbon dioxide gas to make things “explode”, and discover much more with your critical thinking skills and creativity.</p> <p>Curriculum link: Unit 1 ‘Introducing Science’, Unit 2 ‘Water’ and Unit 9 ‘Common Acids and Alkalis’ of Science (S1-3) curriculum</p>	<p>Length of video is around 45 minutes.</p> <p>As circumstances permit, teachers may prepare the required experimental materials according to the material list to be provided, and conduct the experiments with students while watching the video together in school.</p>

<p>Mini Science Show: Weirdology</p> <p>Hosted by The Gastronomaut from the UK</p>	<p>Explore the strange and often hilariously revolting chemistry, materials science, physics and biology lurking in everyday things with us.</p> <p>Curriculum link: Unit 1 ‘Introducing Science’, Unit 5 ‘Energy’, Unit 11 ‘Force and Motion’, and Unit 13 ‘From Atoms to Materials’ of Science (S1-3) curriculum</p>	<p>Length of video is around 30 minutes.</p> <p>Worksheet is available for download.</p>
<p>Mini Science Show: All About Air</p> <p>Hosted by Steve Spangler from the US</p>	<p>Let's create a life-size tornado at home or classroom after learning how to capture a swirling vortex in a bottle! We will also learn how weather systems develop and how air in the atmosphere moves through convection currents.</p> <p>Curriculum link: Unit 1 ‘Introducing Science’, Unit 2 ‘Water’, Unit 7 ‘Living Things and Air’ and Unit 11 ‘Force and Motion’ of Science (S1-3) curriculum</p>	<p>Length of video is around 45 minutes.</p> <p>As circumstances permit, teachers may prepare the required experimental materials according to the material list to be provided, and conduct the experiments with students while watching the video together in school.</p>
<p>Mini Science Show: Science of Sweets</p> <p>Hosted by The Gastronomaut from the UK</p>	<p>Join us to blow apart the world of sweets featuring weird and wonderful edible chemical reactions, sugar explosions and fireworks made from cereal!</p> <p>Curriculum link: Unit 1 ‘Introducing Science’, Unit 5 ‘Energy’, Unit 9 ‘Common Acids and Alkalis’ and Unit 11 ‘Force and Motion’ of Science (S1-3) curriculum</p>	<p>Length of video is around 30 minutes.</p> <p>Worksheet is available for download.</p>

<p>Mini Science Show: The Right Question Changes Everything!</p> <p>Hosted by Jason Latimer from the US (Winning magician of World Champion of Magic)</p>	<p>Making the impossible possible through STEM by turning objects invisible, shaping water, or making magic take place through the screen.</p> <p>Curriculum link: Unit 1 ‘Introducing Science’ and Unit 10 ‘Sensing the Environment’ of Science (S1-3) curriculum</p>	<p>Length of video is around 30 minutes.</p> <p>As circumstances permit, teachers may prepare the required experimental materials according to the material list to be provided, and conduct the experiments with students while watching the video together in school.</p>
<p>Outdoor Tour: Saving a Species</p> <p>Hosted by Anturus from the UK</p>	<p>We often help and protect injured animals through a zoo or safari park, but some people suggest animals shouldn’t be held captive. We will discuss different aspects of information and let you decide.</p> <p>Curriculum link: Unit 1 ‘Introducing Science’, Unit 3 ‘Looking at Living Things’ and Unit 10 ‘Sensing the Environment’ of Science (S1-3) curriculum</p>	<p>Length of video is around 20 minutes.</p> <p>Worksheet is available for download.</p>
<p>Outdoor Tour: The Jungle World</p> <p>Hosted by Anturus from the UK</p>	<p>Many animal species rely on the forests and jungles to survive. We look at some of the most interesting animals in the jungles and what challenges they face.</p> <p>Curriculum link: Unit 3 ‘Looking at Living Things’ and Unit 10 ‘Sensing the Environment’ of Science (S1-3) curriculum</p>	<p>Length of video is around 10 minutes.</p>

<p>Outdoor Tour: The Winter World</p> <p>Hosted by Anturus from the UK</p>	<p>In some places, winter brings ice, snow and cold so harsh that it can kill. But many animals survive and thrive in these winter habitats despite the conditions. We'll discuss how they adapt, and what new obstacles stand in their way!</p> <p>Curriculum link: Unit 3 'Looking at Living Things' and Unit 10 'Sensing the Environment' of Science (S1-3) curriculum</p>	<p>Length of video is around 10 minutes.</p>
<p>Science Talk: Why I Love My Anxious Brain</p> <p>Hosted by Dr Samantha Yammine from Canada</p>	<p>Join us for an appreciation tour of the beautiful brain that makes us feel good, bad... and everything in between! We will talk about the neuroscience of anxiety and the things that can help and learn some of the fascinating brain-blowing facts.</p> <p>Curriculum link: Unit 3 'Looking at Living Things' and Unit 12 'A Healthy Body' of Science (S1-3) curriculum</p>	<p>Length of video is around 30 minutes.</p> <p>Worksheet is available for download.</p>
<p>Science Talk: Your Mind-Blowing Brain!</p> <p>Hosted by Dr Samantha Yammine from Canada</p>	<p>The brain is in charge of everything you think, feel, and do. It even stores all your memories, inside billions of tiny cells that, together, make you who you are. Join us a visual tour of your mind-blowing brain.</p> <p>Curriculum link: Unit 3 'Looking at Living Things' and Unit 12 'A Healthy Body' of Science (S1-3) curriculum</p>	<p>Length of video is around 15 minutes.</p> <p>Worksheet is available for download.</p>

3. Application

Schools interested shall register online through Croucher Science Week website (<https://croucherscienceweek.hk>). Schools will be given access to the show upon successful registration.



STEM Student Lectures: “A Kaleidoscopic Glance into Engineering”

Aims / Objectives

This is to invite secondary schools to participate in the captioned student lectures.

Details

2. The Education Bureau has been promoting STEM education in primary and secondary schools. We are committed to linking up professional organisations with schools to conduct various learning activities, and offering supports to schools in facilitating students' learning in STEM-related areas.
3. The Education Bureau, together with The Hong Kong Institution of Engineers and The Institution of Engineering and Technology Hong Kong, is going to organise the student lectures "A Kaleidoscopic Glance into Engineering". The lectures aim to enhance students' understanding on the overview of professional development in different fields in the engineering industry and its associations with learning of STEM-related subjects, and to encourage students to proactively equip themselves through the learning of STEM-related subjects.
4. The lectures consist of two sessions in real-time online mode. In these lectures, engineers from different fields will be invited to give short talks on their authentic experience and the latest development in their specialised engineering industries as well as to host small group interactive dialogue sessions, with a view to arousing students' interests in engineering and enhancing their motivation of learning in STEM. Please refer to Appendix 7a for the event details.
5. Session 1 and Session 2 of the lectures will be held on 23 June 2022 (Thursday) and 30 June 2022 (Thursday) respectively¹. If schools wish to join the lectures, please complete the application form in Appendix 7b and return it to the Science Education Section by fax (Fax No.: 2194 0670) or via email (cdosc22@edb.gov.hk) **on or before 13 June 2022 (Monday)**.

¹ Session 1 and Session 2 of the lectures are closely related to each other. Schools shall remind participating students to attend both sessions.

Contact Person

6. For enquiries, please contact Ms CHUANG of the Science Education Section, Education Bureau on 3698 3438 or by email (email address: cdosc22@edb.gov.hk).

STEM Student Lectures: “A Kaleidoscopic Glance into Engineering”

Target Participants: Students of Secondary 3 to 6

Date: 23 June 2022 (Thursday) and 30 June 2022 (Thursday)

Time: 14:30 – 17:00

Mode of Activity: Online (Zoom)

Speakers: Engineers from The Hong Kong Institution of Engineers and
The Institution of Engineering and Technology Hong Kong

Language: Cantonese supplemented with English

Content:

Engineers from different fields will share their experience at work and professional development, and explain the features and contributions of various engineering industries and their associations with learning of STEM-related subjects, so as to arouse students' interests in STEM-related disciplines. The tentative programme of the student lectures is appended as below.

Date	Time	Programme
23 June 2022	14:30 – 14:40	Sign-in and Introduction
	14:40 – 15:55	Short talks by engineers covering various STEM topics, including: <ul style="list-style-type: none"> • Skills and attributes for engineers • Engineers' role in fighting against climate change • Engineering and technology in digital entertainment • How engineers safeguard data security • Aircraft engineering
	15:55 – 16:05	Break
	16:05 – 17:00	Small group interactive dialogue with engineers
30 June 2022	14:30 – 14:40	Sign-in and Introduction
	14:40 – 15:40	Short talks by engineers covering various STEM topics, including: <ul style="list-style-type: none"> • The creativity in engineering – FinTech and innovation technologies • Building information modelling • Engineering in ArtTech • The qualities required as an engineer
	15:40 – 15:50	Break
	15:50 – 16:40	Small group interactive dialogue with engineers
	16:40 – 17:00	Introduction of engineering-related student programmes

STEM Student Lectures: “A Kaleidoscopic Glance into Engineering”
Application form
Return on or before 13 June 2022 (Monday)

To: Science Education Section, Education Bureau
 (Attn: Ms CHUANG)
 Fax: 2194 0670
 Email: cdosc22@edb.gov.hk

Date:	23 June 2022 (Thursday) and 30 June 2022 (Thursday)
Time:	14:30 – 17:00
Mode of Activity:	Online (Zoom)
Speakers:	Engineers from The Hong Kong Institution of Engineers and The Institution of Engineering and Technology Hong Kong
Language:	Cantonese supplemented with English
Target Participants:	Students of Secondary 3 to 6
Remarks:	The registration link and sign-in details will be sent to the email address of the teacher-in-charge.

School Name: _____

Name of Teacher-in-charge: _____

Contact Number of
Teacher-in-charge: _____

Email Address of
Teacher-in-charge: _____

Fax Number: _____

No. of Participating Students: _____

Name of Principal: _____

Signature of Principal: _____

Date: _____

(School Chop)