

**EDUCATION BUREAU CIRCULAR MEMORANDUM NO. 186/2022**

From : Secretary for Education

To : Heads of Kindergartens, Primary and  
Secondary Schools

Ref. : EDB(CD)/ADM/50/1/2(38)

Tel. : 2892 6680

Date : 1 November 2022

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**Curriculum Development Institute  
Application for Participation in Student Educational Activities and Events  
(November 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 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:**

	<b><i>Key Learning Area/ Subject/ Cross Key Learning Areas</i></b>	<b><i>Title</i></b>	<b><i>For the attention /action of</i></b>	<b><i>Remarks</i></b>	<b><i>Annex</i></b>
i)	Kindergarten Education	Hong Kong Library Festival 2022	Principals and Teachers	-	1
ii)	Values Education	2022 Hong Kong Awards for Environmental Excellence (Schools Sector)	School Heads, Senior Teachers and Teachers	Application deadline: 31 December 2022 (Saturday)	23

**b) For primary schools:**

	<b><i>Key Learning Area/ Subject/ Cross Key Learning Areas</i></b>	<b><i>Title</i></b>	<b><i>For the attention /action of</i></b>	<b><i>Remarks</i></b>	<b><i>Annex</i></b>
i)	All key learning areas/ subjects	Hong Kong Library Festival 2022	Principals and Teachers	-	1
ii)	Moral, Civic and National Education	2022 National Constitution Day Online Quiz Competition	School Heads and Teachers	Application period: 7 to 24 November 2022  Competition period: 28 November to 6 December 2022	2
iii)	Arts Education/ Visual Arts	Stories of the Hong Kong Palace Museum Treasures – Picture Book Creating Competition	School Heads, Visual Arts Panel Chairpersons and Teachers	Submission deadline: 31 March 2023 (Friday)	3
iv)	Chinese Language Education	2022/23 Chinese Talent Competition for Non-Chinese Speaking Students (Primary)	School Heads and Chinese Language Teachers	Not applicable to ESF schools and International Schools  Submission deadline: 17 March 2023 (Friday)	8
v)	Curriculum Resources	“4·23 World Book Day Creative Competition” 2023 — “Tasty Reading”	School Heads and Teacher-librarians	Deadline of submission: 5 January 2023 (Thursday)	12

	<b><i>Key Learning Area/ Subject/ Cross Key Learning Areas</i></b>	<b><i>Title</i></b>	<b><i>For the attention /action of</i></b>	<b><i>Remarks</i></b>	<b><i>Annex</i></b>
vi)	English Language Education and Moral, Civic and National Education	<p>Campaign on “Promoting Positive Values and Attitudes through English Sayings of Wisdom 2022/23”</p> <p>(i) Week of Positivity</p> <p>(ii) SOW Motivational Talk Contest</p>	School Heads, Curriculum Leaders and Teachers of English and Moral, Civic and National Education	<p>Not applicable to ESF schools and International schools</p> <p>(i) Deadline for registration: 6:00 p.m., 6 January 2023 (Friday)</p> <p>(ii) Deadline for submission of entries: 6:00 p.m., 21 April 2023 (Friday)</p>	13
vii)	Gifted Education	Hong Kong Budding Poets (English) Award 2022/23	Panel Chairpersons and Teachers of English Language	Application deadline: 20 December 2022 (Tuesday)	14
viii)	Mathematics Education	Creative Infographic Design Competition on Applications of Mathematics for Primary and Secondary Schools (2022/23)	Mathematics Panel Chairpersons and Teachers	Submission deadline: 22 March 2023 (Wednesday)	20
ix)	Values Education	2022 Hong Kong Awards for Environmental Excellence (Schools Sector)	School Heads, Moral, Civic and National Education/ General Studies/ Extra-curricular Activities Coordinators and Teachers	Application deadline: 31 December 2022 (Saturday)	23

**c) For secondary schools:**

	<b><i>Key Learning Area/ Subject/ Cross Key Learning Areas</i></b>	<b><i>Title</i></b>	<b><i>For the attention /action of</i></b>	<b><i>Remarks</i></b>	<b><i>Annex</i></b>
i)	All key learning areas/ subjects	Hong Kong Library Festival 2022 (including Online Reading Clubs conducted in Cantonese)	Principals, Teachers of Chinese Language and other Subject Teachers	-	1
ii)	Moral, Civic and National Education	2022 National Constitution Day Online Quiz Competition	School Heads and Teachers	Application period: 7 to 24 November 2022  Competition period: 28 November to 6 December 2022	2
iii)	Arts Education/ Music	<i>Pipa</i> Masterclass	School Heads, Music Panel Chairpersons and Teachers	Nomination deadline: 15 November 2022 (Tuesday)	4
iv)	Arts Education/ Music	“Relishing Creativeness in the Hong Kong Palace Museum” Music Composition Competition 2022/23	School Heads, Music Panel Chairpersons and Teachers	Application deadline: 25 November 2022 (Friday)	5
v)	Arts Education/ Visual Arts	From the Hong Kong Palace Museum to STEAM Education – “Ignite the Passion for the HKPM” Lighting Design Competition	School Heads, Visual Arts Panel Chairpersons and Teachers	Submission deadline:  First round: 31 March 2023 (Friday)  Final round: 2 June 2023 (Friday)	6

	<b><i>Key Learning Area/ Subject/ Cross Key Learning Areas</i></b>	<b><i>Title</i></b>	<b><i>For the attention /action of</i></b>	<b><i>Remarks</i></b>	<b><i>Annex</i></b>
vi)	Science Education, Technology Education, Arts Education and Mathematics Education	“Hologram” Digital Image Design Competition	School Heads, STEAM Coordinators, Visual Arts Panel Chairpersons and Teachers	Submission deadline: 19 May 2023 (Thursday)	7
vii)	Chinese Language Education	2022/23 Chinese Talent Competition for Non-Chinese Speaking Students (Secondary)	School Heads and Chinese Language Teachers	Not applicable to ESF schools and International Schools  Submission deadline: 17 March 2023 (Friday)	9
viii)	Chinese Language Education	2022-2023 中國中學生作文大賽(香港賽區) (Chinese version only)	School Heads and Chinese Language / Chinese Literature Teachers	Application deadline: 15 November 2022 (Tuesday)	10
ix)	Chinese Language Education	Student Workshops – Experience Cantonese Opera	School Heads and Chinese Language Teachers	Application deadline: 14 November 2022 (Monday)	11
x)	Curriculum Resources	“4·23 World Book Day Creative Competition” 2023 – “Tasty Reading”	School Heads and Teacher-librarians	Deadline of submission: 5 January 2023 (Thursday)	12

	<b><i>Key Learning Area/ Subject/ Cross Key Learning Areas</i></b>	<b><i>Title</i></b>	<b><i>For the attention /action of</i></b>	<b><i>Remarks</i></b>	<b><i>Annex</i></b>
xi)	English Language Education and Moral, Civic and National Education	<p>Campaign on “Promoting Positive Values and Attitudes through English Sayings of Wisdom 2022/23”</p> <p>(i) Week of Positivity</p> <p>(ii) SOW Motivational Talk Contest</p>	School Heads, Curriculum Leaders and Teachers of English and Moral, Civic and National Education	<p>Not applicable to ESF schools and International schools</p> <p>(i) Deadline for registration: 6:00 p.m., 6 January 2023 (Friday)</p> <p>(ii) Deadline for submission of entries: 6:00 p.m., 21 April 2023 (Friday)</p>	13
xii)	Gifted Education	Hong Kong Budding Poets (English) Award 2022/23	Panel Chairpersons and Teachers of English Language	<p>Application deadline: 20 December 2022 (Tuesday)</p>	14
xiii)	Personal, Social and Humanities Education/ Liberal Studies/ Citizenship and Social Development/ Geography/ Life and Society/ Values Education	E-Learning Platform on Decarbonisation Climate Action Online Q&A Competition	<p>School Heads, Vice Principals, Geography/ Life and Society/ Liberal Studies / Citizenship and Social Development Panel Chairpersons and Teachers / Personal, Social and Humanities Education/ Moral, Civic and National Education Co-ordinators and Teachers</p>	<p>Enrollment deadline: 31 January 2023 (Tuesday)</p>	15

	<b><i>Key Learning Area/ Subject/ Cross Key Learning Areas</i></b>	<b><i>Title</i></b>	<b><i>For the attention /action of</i></b>	<b><i>Remarks</i></b>	<b><i>Annex</i></b>
xiv)	Science Education / Chemistry	The “Chemists Online” Self-study Award Scheme 2023	School heads, Science Education Key Learning Area Coordinators and Chemistry teachers	Application deadline: 15 December 2022 (Thursday)	16
xv)	Life-wide Learning/ STEAM Education	The 5th “Social Innovation · Community 4.0” Competition	School Heads, STEAM Co-ordinators, Life-wide Learning Co-ordinators and Teachers	Application deadline: 5:00 p.m., 16 November 2022 (Wednesday)	17
xvi)	Mathematics Education	Mathematics Project Competition and Mathematics Book Report Competition for Secondary Schools (2022/23)	Mathematics Panel Chairpersons and Teachers	Submission deadlines:  Mathematics Book Report Competition: 15 March 2023 (Wednesday)  Mathematics Project Competition: 22 March 2023 (Wednesday)	18
xvii)	Mathematics Education	The Fortieth Hong Kong Mathematics Olympiad (HKMO) (2022/23)	Mathematics panel chairpersons and teachers	Application deadline: 11 January 2023 (Wednesday)	19
xviii)	Mathematics Education	Creative Infographic Design Competition on Applications of Mathematics for Primary and Secondary Schools (2022/23)	Mathematics panel chairpersons and teachers	Submission deadline: 22 March 2023 (Wednesday)	20

	<b><i>Key Learning Area/ Subject/ Cross Key Learning Areas</i></b>	<b><i>Title</i></b>	<b><i>For the attention /action of</i></b>	<b><i>Remarks</i></b>	<b><i>Annex</i></b>
xix)	Mathematics Education	2022/23 Statistical Project Competition for Secondary School Students	Mathematics panel chairpersons and teachers	Submission deadline: 10 February 2023 (Friday)	21
xx)	Mathematics Education	Artificial Intelligence and Innovation and Technology Competition 2022-2023	Mathematics panel chairpersons and teachers	Submission deadline: 13 January 2023 (Friday)	22
xxi)	Values Education	2022 Hong Kong Awards for Environmental Excellence (Schools Sector)	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: 31 December 2022 (Saturday)	23

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

## Mathematics Project Competition and Mathematics Book Report Competition for Secondary Schools (2022/23)

### Aims / Objectives

This is to set out the details of the captioned competitions and invite secondary schools to nominate students to participate in the competitions.

### Details

2. The Mathematics Project Competition and Mathematics Book Report Competition for Secondary Schools are organised by the Curriculum Development Institute, EDB. The aims of the competitions are to enhance students' interest in learning Mathematics and develop their generic skills.

3. To provide Mathematics teachers and students with details of the competitions, the EDB will hold an online seminar on **6 December 2022 (Tuesday)**. Teachers and their students are welcomed to attend the seminar. For application details, please visit the EDB Training Calendar System (Course ID: CDI020230314).

4. Schools may nominate their students to participate in the captioned competitions by completing the Application Forms (**Appendix 18a** and **18b**) and returning it to the Mathematics Education Section, Curriculum Development Institute, EDB by mail or fax **on or before 10 February 2023 (Friday)**. The deadline for the submission of Mathematics book reports is **5:00 p.m. on 15 March 2023 (Wednesday)**, and that of Mathematics projects is **5:00 p.m. on 22 March 2023 (Wednesday)**.

5. Regulations for the captioned competitions are attached (**Appendix 18c**).

6. In case of class suspension of schools due to special circumstances, the application deadline and the deadlines for submission of entries of the captioned competitions may be postponed. Other arrangements of the competitions may also be changed. The latest information will be updated on the following EDB website:

<http://www.edb.gov.hk/en/curriculum-development/kla/ma/res/sa/mpc-mbrc.html> .



Teacher-in-charge will also be informed by email through the email address provided in the application form.

**Contact Person**

7. For enquiries about the Mathematics Project Competition for Secondary Schools, please contact Mr LEE Kin-sum of the Mathematics Education Section, Curriculum Development Institute, EDB on 2153 7456.

8. For enquiries about the Mathematics Book Report Competition for Secondary Schools, please contact Mr CHANG Kwok-kei of the Mathematics Education Section, Curriculum Development Institute, Education Bureau on 2153 7455.

Mathematics Education Section  
Curriculum Development Institute, Education Bureau  
Room 403, 4/F, Kowloon Government Offices  
405 Nathan Road, Kowloon  
**Attn.: Ms YEUNG Chui-ting**  
(Fax No.: 3426 9265)

**Mathematics Project Competition for Secondary Schools (2022/23)**  
**Application Form (Application Deadline: 10 February 2023 (Friday))**  
**(Category A “Junior secondary project” and Category B “S1 mini-project”)**

I nominate \_\_\_\_\_<sup>(†)</sup> team(s)<sup>(#)</sup> to participate in the Mathematics Project Competition for Secondary Schools. In which, \_\_\_\_\_<sup>(†)</sup> team(s)<sup>(#)</sup> will participate in the Category A (Junior secondary project) and \_\_\_\_\_<sup>(†)</sup> team(s)<sup>(#)</sup> will participate in the Category B (S1 mini-project). The teacher-in-charge is:

Name of Teacher: (中文) \_\_\_\_\_先生/女士\*  
(English) Mr /Ms\* \_\_\_\_\_

Contact no. : \_\_\_\_\_ Email : \_\_\_\_\_

**Our school authorises the Mathematics Education Section, Curriculum Development Institute, EDB to announce the related information of the team(s) or student(s) (Restricted to the name of student(s), the class level(s) and the name of school) for the results of the captioned competition.**

Signature of Principal : \_\_\_\_\_

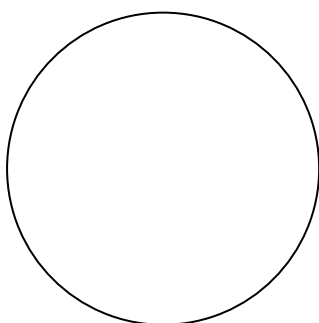
Name of Principal : \_\_\_\_\_

Name of School : \_\_\_\_\_

Tel. No. : \_\_\_\_\_

Fax No. : \_\_\_\_\_

Date : \_\_\_\_\_



School Chop

† Please enter a number.

# For Category A, each team comprises two to six students of Secondary 1 to 3. For Category B, each team comprises two to six students of Secondary 1. There is no restriction on the number of teams from each school for each category.

\* Please delete whichever is inappropriate.

Mathematics Education Section  
Curriculum Development Institute, Education Bureau  
Room 403, 4/F, Kowloon Government Offices  
405 Nathan Road, Kowloon  
**Attn.: Ms Silvana CHEUNG**  
(Fax No.: 3426 9265)

**Mathematics Book Report Competition for Secondary Schools (2022/23)**  
**Application Form (Application Deadline: 10 February 2023(Friday))**  
**(Junior Secondary Category and Senior Secondary Category)**

I nominate \_\_\_\_\_<sup>(†)</sup> student(s)<sup>(##)</sup> to participate in the Mathematics Book Report Competition for Secondary Schools. In which, \_\_\_\_\_<sup>(†)</sup> junior secondary student(s)<sup>(##)</sup> will participate in the Junior Secondary Category and \_\_\_\_\_<sup>(†)</sup> senior secondary student(s)<sup>(##)</sup> will participate in the Senior Secondary Category. The teacher-in-charge is:

Name of Teacher: (中文) \_\_\_\_\_先生/女士\* (English) Mr /Ms\* \_\_\_\_\_

Contact no. : \_\_\_\_\_ Email : \_\_\_\_\_

**Our school authorises the Mathematics Education Section, Curriculum Development Institute, EDB to announce the related information of the team(s) or student(s) (Restricted to the name of student(s), the class level(s) and the name of school) for the results of the captioned competition.**

Signature of Principal : \_\_\_\_\_

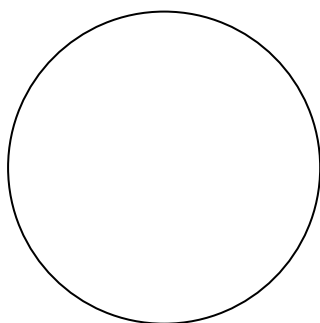
Name of Principal : \_\_\_\_\_

Name of School : \_\_\_\_\_

Tel. No. : \_\_\_\_\_

Fax No. : \_\_\_\_\_

Date : \_\_\_\_\_



School Chop

† Please enter a number.

## Each school could nominate **at most four students** from Secondary Three or below to participate in the Junior Secondary Category, and at most **four students** from Secondary Four or above to participate in the Senior Secondary Category. Moreover, each school could at most nominate a total of **six students** to participate in the two categories of this Competition.

\* Please delete whichever is inappropriate.

## **Mathematics Project Competition and Mathematics Book Report Competition for Secondary Schools (2022/23)**

### **Details**

The captioned competitions are organised by the Curriculum Development Institute, EDB. They aim at promoting students' interest in learning Mathematics and developing students' generic skills through project learning and reading. Details of the competitions are given below:

#### **Mathematics Project Competition for Secondary Schools**

The objective of this competition is to enrich students' learning and arouse their interests in mathematics. The competition provides alternative learning experiences and is a powerful tool to develop students' independent learning capabilities and promote self-directed learning. There are two categories in which students can participate, namely Category A (Junior secondary project) and Category B (S1 mini-project).

#### **1. Rules for the Mathematics Project Competition for Secondary Schools**

- (a) All local secondary school students of secondary 1 to 3 are eligible to participate in the Competition. All students of secondary 1 to 3 are eligible to participate in Category A (Junior secondary project). Each team in this category should comprise **two to six students of secondary 1 to 3**. Category B (S1 mini-project) is open to students of secondary 1 only. Each team in this category should comprise **two to six students of secondary 1**. There is no restriction on the number of teams from each school for each category. However, each student can participate in only one team, and submit only one project in either one category but not both.
- (b) For projects in Category A and Category B, the theme can be any topics in Mathematics. The project may be a study on a mathematical topic or a study on using mathematics in real-life problems. A "Mathematical Modelling Award" is established for the projects which make good uses of mathematical modelling, to encourage students to employ concepts of mathematical modelling in their projects to tackle problems.
- (c) A written report and the product(s), if any, must be submitted by each participating team.
- (d) The content of the written report should be relevant and concise. There is no restriction on the number of pages for reports of Category A. For the mini-project of Category B, the report **should not exceed 10 pages**, excluding the cover of the report.
- (e) The written report must be written in either Chinese or English. Participants must not plagiarise any other works. If the content of any books or other references are cited in the report, the details of the sources, such as the names of the books or the URLs of websites, must be indicated clearly. All reports may be checked with plagiarism detection software.

**Marks will be deducted or the report will be disqualified if the report fails to comply with the requirements.**

- (f) The first page of the written report must include
- title of the report,
  - school name, and
  - class and full name of the student in both Chinese and English.

**It is strictly forbidden to disclose students' name(s) and their school name in the written report other than its first page, otherwise marks will be deducted.**

- (g) The written report must be typed and submitted in MS Word format (as .doc/ .docx file) or in pdf format (as .pdf file), using “Times New Roman” or “Calibri” font for English text or “PMingLiu” (新細明體), “MingLiu” (細明體) or “KaiU” (標楷體) for Chinese text, with font size at least 12, and in A4 format, using the school name and the title of the project as the file name (e.g. *ABC\_School\_Magic\_Square.docx*). **The handwritten report or its scanned copy is not accepted.** Marks may be deducted for the submitted files failing to comply with the specific requirements. Each participating school must submit the written project(s) through email from the teacher-in-charge's email address to [cdoma4@edb.gov.hk](mailto:cdoma4@edb.gov.hk) on or before **5:00 p.m. on 22 March 2023 (Wednesday)**.
- (h) Participants should note that file formats such as GeoGebra files, Excel files and other programmes, etc may be blocked by the firewall of EDB and hence cannot be submitted through email. These files may either be submitted as follows: (1) for files stored in a Cloud Drive, for example Google drive, the link for accessing the files should be submitted with the project through email to [cdoma4@edb.gov.hk](mailto:cdoma4@edb.gov.hk) on or before the deadline; and (2) for files stored or in an USB flash drive or a DVD, the USB flash drive or DVD should be submitted together with the deliverable product, etc (if any), to the Mathematics Education Section, Curriculum Development Institute, EDB **by hand** on or before **5:00 p.m. on 22 March 2023 (Wednesday)**.

(i) **Online nomination form**

In addition to the project(s) to be submitted through email or by hand, the teacher-in-charge is required to represent the participating school to complete and submit an online nomination form (Website:



<https://forms.gle/QXrqGbbfAKQBgZDD8>) **on or before 5:00 p.m. on 22 March 2023 (Wednesday)**. The online nomination form includes the basic information of the school and the teacher-in-charge, a declaration, and the information sheet of individual report of each category. The information sheet includes the title of project, a project summary in no more than 100 words, the personal information of teacher supervisor and participants, and the language used for the presentation/responding questions in the interview, if applicable. **It is recommended that the teacher-in-charge should reserve enough time to complete and submit the online nomination form.**

- (j) After the project is received through email or by hand, and the online nomination form is submitted successfully, the Education Bureau will issue an email of acknowledgement to the teacher-in-charge by 27 March 2023 (Monday).
- (k) The project will not be adjudicated if it has been awarded for any prizes in any open competitions.
- (l) The champion, first runner-up, second runner-up, the team of best presentation of Category A of the Mathematics Project Competition for Secondary Schools shall give brief presentations in the Prize-giving Ceremony. The team(s) receiving the Mathematical Modelling Award may be invited to present in the Prize-giving Ceremony. The Prize-giving Ceremony will be videotaped and photo-taken.
- (m) All the videos recorded and photos taken in the interview and Prize-giving Ceremony will be used for promoting Mathematics Project Competition for Secondary Schools.
- (n) The Education Bureau reserves the right to publish in full or part of the projects, including the written reports, videos recorded and photos taken in the interview and Prize-giving Ceremony.
- (o) Participants will be responsible for the production costs of their projects.
- (p) The submitted report cannot be amended. Only the first submitted version will be adjudicated.
- (q) Late submissions will not be adjudicated.
- (r) The decision of the Organising Committee for the Mathematics Project Competition for Secondary Schools is final.

## **2. Adjudication of the Mathematics Project Competition for Secondary Schools**

The panel of judges comprises scholars in tertiary education, teachers experienced in supervising mathematics projects and representatives from the Education Bureau. All projects will be assessed according to the following criteria:

- (a) whether the mathematical principles described/adopted are appropriate, and whether the methods (if applicable) used are reliable;
- (b) whether the project is innovative, creative and able to exhibit/apply collaboration skills, communication skills, problem-solving skills, critical thinking skills and creativity; and
- (c) whether the presentation is logical, systematic, concise and analytical.

For Category A, the preliminary adjudication based on the written report and the product(s) of the project, if any, will be conducted. Selected teams (hereinafter referred to as the “finalists”) will be invited to attend an interview conducted by a panel of judges and the adjudication panel would select the teams for the awards of Champion, First runner-up, Second runner-up, Best



presentation, and Outstanding performance. Teacher-in-charge has to represent participants to select only one language, either Cantonese, Putonghua or English, to present their project verbally and respond to adjudicators' questions in the interview when completing the information sheet of the online nomination form. The interview will be videotaped and photo-taken.

For Category B, the preliminary adjudication based on the written report will be conducted. Shortlisted teams will be invited to attend an online interview conducted by a panel of judges and the adjudication panel would select the team(s) of Outstanding performance. Teacher-in-charge has to represent participants to select only one language, either Cantonese, Putonghua or English, to respond to adjudicators' questions in the online interview when completing the information sheet of the online nomination form. The online interview will be recorded.

### 3. Prizes of the Mathematics Project Competition for Secondary Schools

Awards for Category A consist of Champion, First runner-up, Second runner-up, Best presentation, Outstanding Performance, Good Performance and Mathematical Modelling Award. Certificates of merit will be presented to the teacher supervisors of all the awardees. A champion trophy will also be presented to the school of the champion team for retention of one year. The prizes of each award are as follows:


Awards for Category A	Prizes
Champion	Gold medal, trophy, certificate of merit and HK\$1,200 book coupon
First runner-up	Silver medal, trophy, certificate of merit and HK \$900 book coupon
Second runner-up	Bronze medal, trophy, certificate of merit and HK \$600 book coupon
Best presentation	Trophy, certificate of merit and HK \$300 book coupon
Outstanding Performance (Number of teams depending on the quality of the entries)	Trophy, certificate of merit and HK \$300 book coupon
Good Performance (Number of teams depending on the quality of the entries)	Certificate of merit
Mathematical Modelling Award (Number of teams depending on the quality of the entries)	Certificate of merit and HK\$300 book coupon

Awards for Category B consist of Outstanding Performance, Good Performance and Mathematical Modelling Award. Certificates of merit will be presented to the teacher supervisors of all the awardees. The prizes of each award are as follows:

Awards for Category B	Prizes
Outstanding Performance (Number of teams depending on the quality of the entries)	Certificate of merit and HK \$300 book coupon
Good Performance (Number of teams depending on the quality of the entries)	Certificate of merit
Mathematical Modelling Award (Number of teams depending on the quality of the entries)	Certificate of merit and HK\$300 book coupon

#### 4. Important dates of the Mathematics Project Competition for Secondary Schools

Date	Event
25/11/2022 (Friday)	Deadline for application for the briefing seminar.
6/12/2022 (Tuesday)	Briefing Seminar (Course ID: CDI020230314) Time: 3:00 p.m. – 5:00 p.m. Mode: Online
10/2/2023 (Friday)	Deadline for the submission of application forms for Mathematics Project Competition for Secondary Schools.
22/3/2023 (Wednesday)	<p>(1) Deadline for the submission of online nomination form:</p> <p><b>5:00 p.m. on 22 March 2023</b></p> <p>(Website:  <a href="https://forms.gle/QXrqGbbfAKQBgZDD8">https://forms.gle/QXrqGbbfAKQBgZDD8</a>)</p> <p>(2) Deadline for the submission of project through email:  All written reports and product(s) of the projects (if any) should be submitted  <b>by 5:00 p.m. on 22 March 2023</b> to:  Mr LEE Kin-sum of this Bureau through email  <a href="mailto:cdoma4@edb.gov.hk">cdoma4@edb.gov.hk</a>)</p> <p>(3) Deadline for the submission of project by hand:  All USB flash memories or DVDs, and deliverable products of the projects, etc (if any) should be submitted by <b>5:00 p.m. on 22 March 2023</b> to:  Mr LEE Kin-sum <b>by hand</b> to the address  Mathematics Education Section,</p>

Date	Event
	<p>Curriculum Development Institute, EDB Room 403, 4/F, Kowloon Government Offices 405 Nathan Road, Kowloon.</p> <p><b>All late submissions will not be adjudicated.</b></p> <p><b>After the submitted report is received through email and the online nomination form is submitted successfully, the Education Bureau will issue an email of acknowledgement to the teacher-in-charge by 27 March 2023 (Monday).</b></p>
4/5/2023 (Thursday)	<p>Announcement of the list of finalists of Category A and the list of selected team(s) for interview of Category B (if applicable).</p> <p>Letters will be sent to the participating teams through their schools to invite them to attend an interview.</p>
10/5/2023 (Wednesday) (tentative)	Interview of selected team(s) of Category B (if applicable)
12/5/2023 (Friday) (tentative)	Interview for the finalists of Category A.
5/6/2023 (Monday)	<p>Announcement of results on the website of the Mathematics Project Competition and Mathematics Book Report Competition for Secondary Schools:</p> <p><a href="http://www.edb.gov.hk/en/curriculum-development/kla/ma/res/sa/mpc-mbr.html">http://www.edb.gov.hk/en/curriculum-development/kla/ma/res/sa/mpc-mbr.html</a></p> 
Early July 2023 (tentative)	<p>Prize-giving Ceremony of Mathematics Project Competition and Mathematics Book Report Competition for Secondary Schools cum Exhibition of Winning Entries.</p> <p>The Champion, first runner-up, second runner-up and the team of best presentation of Category A of the Mathematics Project Competition for Secondary Schools shall give brief presentations in the Prize-giving Ceremony. Excellent projects will be displayed at the venue of the Ceremony.</p>

## 5. Enquiries

Enquiries regarding the Mathematics Project Competition for Secondary Schools may be directed to Mr LEE Kin-sum on 2153 7456 of the Mathematics Education Section, Curriculum Development Institute, EDB.

### Mathematics Book Report Competition for Secondary Schools

The objectives of this competition are to enhance students' motivation and interest in reading mathematics books, and strengthen their learning ability to foster lifelong learning and whole person development.

#### 1. Rules for the Mathematics Book Report Competition for Secondary Schools

- (a) All local secondary school students are eligible to participate in the Competition. Students of secondary 1 to 3 are eligible to participate in the Junior Secondary Category, and students of secondary 4 to 6 are eligible to participate in the Senior Secondary Category. Each book report must be written by one student. Each student can submit only one book report. **Each school may nominate at most four students from Secondary Three or below to participate in the Junior Secondary Category, and at most four students from Secondary Four or above to participate in the Senior Secondary Category. However, each school may at most nominate six students in total to participate in the Mathematics Book Report Competition for Secondary Schools.**
- (b) Each participant must select one book from the suggested book list to complete the book report, and the content of the book report must be related to the book selected. The report must cover a substantial part of the content of the book. Participants may make reference to other books or websites to enrich the content of their book reports.

#### Suggested Book List for the Junior Secondary Category:

書名	作者	出版社	出版年份
從月曆學數學 (阿草的曆史故事)	曹亮吉	天下文化	2013 (2002)
數字人：斐波那契的兔子	齊斯·德福林 (Keith Devlin) ; 洪萬生 譯	五南	2013
The Man of Numbers: Fibonacci's Arithmetic Revolution	Keith Devlin	Walker & Company	2011
生活數學故事	黃敏晃	天下	2013

書名	作者	出版社	出版年份
這個問題，你用數學方式想過嗎？	齊斯·德福林 (Keith Devlin)； 洪萬生、黃俊瑋、蘇惠玉等譯	臉譜	2013
澡堂裡遇見阿基米德：生活中的有趣數學	李光延； 譚妮如 譯	大都會	2012
數學，為什麼是現在這樣子？：一門不教公式，只講故事的數學課	安·魯尼 (Anne Rooney)； 陳敏皓 譯	臉譜	2013
The Story of Mathematics: from Creating Pyramids to Exploring Infinity	Anne Rooney	Arcturus Publishing	2013 2011
超展開數學教室：數學宅 X 5 個問題學生，揪出日常生活裡的數學 BUG	賴以威	臉譜出版社	2015
這才是數學：從不知道到想知道的探索之旅	保羅·拉克哈特 (Paul Lockhart)； 畢馨云 譯	經濟新潮社	2015
Measurement	Paul Lockhart	Harvard University Press	2012
數字的秘密：數字、數目、度量衡與符號的由來	海因里希·賀蒙 (Heinrich Hemme)； 劉于怡 譯	稻田出版有限公司	2015
數學女孩秘密筆記：公式・圖形篇	結城浩 (Hiroshi Yuki)； 簡毓棻 譯	世茂	2015
Math Girls Talk about Equations & Graphs (Volume 1)	Hiroshi Yuki; Tony Gonzalez (Translator)	Bento Books, Incorporated	2014
數學女孩秘密筆記：整數篇	結城浩 (Hiroshi Yuki)； 陳朕疆 譯	世茂	2015
Math Girls Talk about Integers (Volume 2)	Hiroshi Yuki; Tony Gonzalez (Translator)	Bento Books, Incorporated	2014
數學女孩秘密筆記：圓圓的三角函數篇	結城浩 (Hiroshi Yuki)； 陳朕疆 譯	世茂出版社	2015
Math Girls Talk About Trigonometry (Volume 3)	Hiroshi Yuki; Tony Gonzalez (Translator)	Bento Books, Incorporated	2014

書名	作者	出版社	出版年份
數學女孩秘密筆記：統計篇	結城浩 (Hiroshi Yuki)； 衛宮紘 譯	世茂出版社	2017
數學家的眼光	張景中	商務印書館	2018
用數學的語言看世界：一位博士爸爸送給女兒的數學之書，發現數學真正的趣味、價值與美	大栗博司； 許淑真 譯	臉譜	2017
數學也可以這樣學 2：跟大自然學幾何	約翰·布雷克伍德 (John Blackwood)； 林倉億、蘇惠玉、蘇俊鴻 譯	商周出版	2018
誰說不能從武俠學數學？	李開周	時報出版	2020
數學史鑒	李正平	崧燁文化	2020
數學的智慧之光	吳讓泉	新潮社文化事業有限公司	2012
古算詩題探源	徐品方、徐偉	科學出版社	2015
啟動數學腦這樣學：43 則活化思考、提升數感的實用趣味題	佐佐木 淳著 張秀慧 譯	木馬文化	2020

**Suggested Book List for the Senior Secondary Category:**

書名	作者	出版社	出版年份
給青年數學家的信	史都華 (Ian Stewart)； 李隆生 譯	聯經出版社	2008
Letters to a Young Mathematician	Ian Stewart	Basic Books	2006
案發現場：FBI 警探和數學家的天作之合	齊斯·德福林 (Keith Devlin)、蓋瑞·洛頓 (Gary Lorden)； 蘇俊鴻、蘇惠玉、英家銘、陳玉芬、劉雅茵、洪贊天 譯	八旗文化	2016

書名	作者	出版社	出版年份
The Numbers Behind NUMB3RS: Solving Crime with Mathematics	Keith Devlin and Gary Lorden	Plume	2007
數字人：斐波那契的兔子	齊斯·德福林 (Keith Devlin)； 洪萬生 譯	五南	2013
The Man of Numbers: Fibonacci's Arithmetic Revolution	Keith Devlin	Walker & Company	2011
這個問題，你用數學方式想過嗎？	齊斯·德福林 (Keith Devlin)； 洪萬生、黃俊瑋、蘇惠玉等譯	臉譜	2013
數學，為什麼是現在這樣子？：一門不教公式，只講故事的數學課	安·魯尼 (Anne Rooney)； 陳敏皓 譯	臉譜	2013
The Story of Mathematics: from Creating Pyramids to Exploring Infinity	Anne Rooney	Arcturus Publishing	2013 2011
超展開數學教室：數學宅 X 5 個問題學生，揪出日常生活裡的數學 BUG	賴以威	臉譜出版社	2015
這才是數學：從不知道到想知道的探索之旅	保羅·拉克哈特 (Paul Lockhart)； 畢馨云 譯	經濟新潮社	2015
Measurement	Paul Lockhart	Harvard University Press	2012
數字的秘密：數字、數目、度量衡與符號的由來	海因里希·賀蒙 (Heinrich Hemme)； 劉于怡 譯	稻田出版有限公司	2015
畢氏定理四千年	毛爾 (Eli Maor)； 林炎全、洪萬生、黃俊華譯	三民叢書	2015
The Pythagorean Theorem: A 4000-year History	Eli Maor	Princeton University Press	2007
數學女孩秘密筆記：圓圓的三角函數篇	結城浩 (Hiroshi Yuki)； 陳朕疆 譯	世茂出版社	2015

書名	作者	出版社	出版年份
Math Girls Talk About Trigonometry (Volume 3)	Hiroshi Yuki; Tony Gonzalez (Translator)	Bento Books, Incorporated	2014
微積分的歷史步道	蔡聰明	三民書局	2009 2013
是湊巧還是機率	約瑟夫·馬祖爾 (Joseph Mazur) ; 王秋月 譯	臉譜出版社	2017
Fluke: The Maths and Myths of Coincidences	Joseph Mazur	Oneworld Publications	2017
數學女孩秘密筆記：統計篇	結城浩 (Hiroshi Yuki) ; 衛宮紘 譯	世茂出版社	2017
數學家的眼光	張景中	商務印書館	2018
數學拾穗	蔡聰明	三民 書局	2019
用數學的語言看世界：一位博士爸爸送給女兒的數學之書，發現數學真正的趣味、價值與美	大栗博司； 許淑真 譯	臉譜	2017
數學、詩與美	Ron Aharoni ; 蔡聰明 譯	三民 書局	2019
Mathematics, Poetry and Beauty	Ron Aharoni	World Scientific	2015
文明與數學：從古代文明看人類數學的起源與發展	韓國教育廣播電視臺 (EBS)《文明與數學》製作團隊； 邱麟翔 譯	暖暖書屋	2020
攸關貧富與生死的數學	葉茲 (Kit Yates) ; 林俊宏 譯	天下文化	2020
The Maths of Life and Death: Why Maths Is (Almost) Everything	Kit Yates	Quercus	2019
誰說不能從武俠學數學？	李開周	時報出版	2020
數學和數學家的故事:第4冊	李學數	上海科學技術出版社	2015
與中學生談中國數學史上的幾大成就	華羅庚	九章出版社	1995



書名	作者	出版社	出版年份
數學的智慧之光	吳讓泉	新潮社文化事業有限公司	2012
古算詩題探源	徐品方、徐偉	科學出版社	2015
我的幾何人生 – 丘成桐自傳	丘成桐； 史蒂夫·納迪斯	譯林出版社	2021
The Shape of a Life: One Mathematician's Search for the Universe's Hidden Geometry	Shing-Tung Yau; Steve Nadis	Yale University Press	2019
啟動數學腦這樣學：43 則活化思考、提升數感的實用趣味題	佐佐木 淳著 張秀慧 譯	木馬文化	2020

**The suggested book list will be revised every year.**

(c) The content of the book report :

- must be concisely written.
- **at most 3,000 and 4,000 words** for the Junior Secondary Category and the Senior Secondary Category respectively (**excluding the covering page, the table of contents, footnotes and bibliography**).
- The following table with the relevant information should be added in the book report as its front page:

Mathematics Book Report Competition for Secondary Schools (2022/23) 中學數學閱讀報告比賽 (2022/23)	
Category 參賽組別	<input type="checkbox"/> 初中組：中一級至中三級 (Junior Secondary Category: S1-S3) <input type="checkbox"/> 高中組：中四級至中六級 (Senior Secondary Category: S4-S6)
Title of the Book 書名	
Total number of words (with the diagram of the word count) 總字數 (附上數字統計的圖像)	
Name of School (English)	

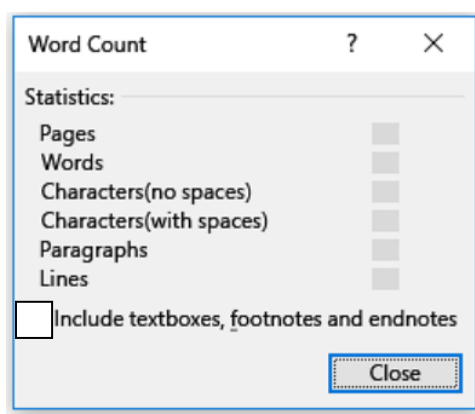
學校名稱 (中文)		
	Name in English	Mr/Ms**
	中文姓名	先生/女士**
Participant 參賽學生	Name in English	
	中文姓名	
	Class 班別	

This table can be downloaded from:

<http://www.edb.gov.hk/en/curriculum-development/kla/ma/res/sa/mpc-mbrc.html>



- The photo of the word count of the book report (excluding the covering page, the table of contents, footnotes and bibliography) should be added to the front page of the report. For example,



- **The book report of a Chinese book must be written in Chinese and the book report of an English book must be written in English.** The total number of words for each book report must be stated in the first page.
- **Marks will be deducted or the report will be disqualified if the report fails to comply with the requirements.**

(d) The book report must be

- typed and submitted in MS Word format (as .doc/.docx file),
- using “Times New Roman” or “Calibri” font for English text or “PMingLiu” (新細明體) or “KaiU” (標楷體) for Chinese text, size 12, and double-spacing.
- **The handwritten report or its scanned copy is not accepted. Any handwritten**

**texts or handwritten calculations in the report will not be adjudicated.**

- (e) The first page of the book report must include

- title of the book,
- school name,
- class and full name of the student in both Chinese and English, and
- the total number of words.

**The student is strictly forbidden to disclose his/her name and school name in the book report other than its first page, otherwise marks will be deducted.**

- (f) The book report must be submitted in MS Word format and of size less than 8 MB, with the name of the school and student as the file name (e.g. *ABC\_Sec\_Sch\_Chan\_Tai\_Tak.doc*). **Each participating school must submit the book report(s) through email from the teacher-in-charge's email address to [cdoma6@edb.gov.hk](mailto:cdoma6@edb.gov.hk) on or before 5:00 p.m. on 15 March 2023 (Wednesday).**

- (g) **After the book report is received through email and the online nomination form is submitted successfully, the Education Bureau will issue an email of acknowledgement to the teacher-in-charge by 22 March 2023 (Wednesday).**

- (h) **Online nomination form**

In addition to the book report(s) to be submitted through email, the teacher-in-charge is required to complete and submit an online nomination form (Website: <https://forms.gle/zqkTo5trK5DzJvXs6>) by 5:00 p.m., 15 March 2023 (Wednesday). **Teacher-in-charge is recommended to reserve sufficient time to complete and submit the online nomination form.**



- (i) Participants must not submit any book report (in any form or its translation) that has been sent to this competition before or other open competitions. Participants must not plagiarise any other works. If the content of the book or other references, including tables and diagrams, are cited in the report, the details of the sources, such as the names of the books or the URLs of websites, must be indicated clearly. All reports will be checked by plagiarism detection software. **Marks will be deducted or the report will be disqualified if the report fails to comply with the requirements.**
- (j) The submitted book report cannot be amended. Only the first submitted version will be adjudicated.
- (k) All book reports submitted later than the deadline will not be adjudicated.
- (l) All book reports will not be returned.
- (m) The copyrights of all submitted book reports belong to the Education Bureau. The Education Bureau has the right to publish in full or part of the book reports.
- (n) The decision of the Organising Committee for Mathematics Book Report Competition for Secondary Schools is final.

## 2. Prizes of the Mathematics Book Report Competition for Secondary Schools

- The awards to outstanding reports will be classified into First Class Prize, Second Class Prize, Appreciation Award and Chinese Cultural Award.
- The purpose of Chinese Cultural Award is to nurture students into good citizens who have a strong sense of national identity by encouraging them to understand the cultural and historical development of Chinese mathematics, and the contributions of mathematicians with Chinese roots through reading.
- The Chinese Cultural Award will be awarded additionally to the students obtaining First Class Prizes, Second Class Prizes or Appreciation Awards, who also show good description of and reflection on the history of Chinese mathematics or the contributions of mathematicians with Chinese roots in their book reports.
- The prizes for each award are as follows:



Awards	Prizes
First Class Prize	Trophy, HK\$300 book coupon and certificate of merit
Second Class Prize	HK\$100 book coupon and certificate of merit
Appreciation Award	Certificate of appreciation
Chinese Cultural Award	HK\$100 book coupon and certificate of appreciation

## 3. Adjudication of the Mathematics Book Report Competition for Secondary Schools

The panel of judges comprises experienced Mathematics teachers, academics from tertiary education, and representatives from the Mathematics Education Section, Curriculum Development Institute, EDB. All book reports will be assessed according to the following items:

Content	Junior Secondary Category	Senior Secondary Category
(a) description of the part of the book the student likes most (conciseness and precision) and the reasons why it appeals to the student	25%	20%
(b) student's understanding of the content of the book	25%	20%
(c) student's mathematical reflection on the book	25%	40%
(d) student's writing skill	25%	20%

#### 4. Important dates of the Mathematics Book Report Competition for Secondary Schools

Date	Event
25/11/2022 (Friday)	Deadline for application for the briefing seminar
6/12/2022 (Tuesday)	Briefing Seminar (Course ID: CDI020230314) Time: 3:00 p.m. – 5:00 p.m. Mode: Online
10/2/2023 (Friday)	Deadline for the submission of application forms for Mathematics Book Report Competition for Secondary Schools.
15/3/2023 (Wednesday)	<p>(1) Deadline for the submission of online nomination form:  <b>5:00 p.m. on 15 March 2023</b>            (Website:  <a href="https://forms.gle/zqkTo5trK5DzJvXs6">https://forms.gle/zqkTo5trK5DzJvXs6</a>)</p>  <p>(2) Deadline for the submission of book report through email:            All book reports should be submitted <b>by 5:00 p.m. on 15 March 2023</b> to: Mr CHANG Kwok-kei of this Bureau through email (cdoma6@edb.gov.hk)  <b>All late submissions will not be adjudicated.</b>  <b>After the book report is received through email and the online nomination form is submitted successfully, the Education Bureau will issue an email of acknowledgement to the teacher-in-charge by 22 March 2023 (Wednesday).</b></p>
5/6/2023 (Monday)	Announcement of the result of the Mathematics Book Report Competition on the website of the Mathematics Project Competition and Mathematics Book Report Competition for Secondary Schools: <a href="http://www.edb.gov.hk/en/curriculum-development/kla/ma/res/sa/mpc-mbrc.html">http://www.edb.gov.hk/en/curriculum-development/kla/ma/res/sa/mpc-mbrc.html</a> 
Early July 2023 (tentative)	Prize-giving Ceremony of Mathematics Project Competition and Mathematics Book Report Competition for Secondary Schools cum Exhibition of Winning Entries. Excellent reports will be displayed at the venue of the Ceremony.

#### 5. Enquiries

Enquiries regarding the Mathematics Book Report Competition for Secondary Schools may be directed to Mr CHANG Kwok-kei on 2153 7455 of the Mathematics Education Section, Curriculum Development Institute, Education Bureau.

**Poster of Mathematics Project Competition and  
Mathematics Book Report Competition for Secondary Schools (2022/23)**

**MPC** **MBRC**

**Mathematics Project Competition and  
Mathematics Book Report Competition  
for Secondary Schools (2022/23)**

**中學數學專題習作比賽及數學閱讀報告比賽(2022/23)**

**截止報名日期  
10/2/2023  
(星期五)**

**簡介會  
6/12/2022  
課程編號:  
CDI020230314**

**數學閱讀報告  
截止遞交日期  
15/3/2023  
(星期三)**

**數學專題習作  
截止遞交日期  
22/3/2023  
(星期三)**

**詳情請瀏覽教育局數學教育組網頁  
For further details, please visit the webpage of  
Mathematics Education Section, Education Bureau**