EDUCATION BUREAU CIRCULAR MEMORANDUM NO. 164/2020

From : Secretary for Education   To : Heads of Kindergartens, Primary and
                                              Secondary Schools

Ref. : EDB(CD)/ADM/50/1/2(31)

Tel. : 2892 6680

Date : 2 November 2020

Curriculum Development Institute
Application for Participation in Student Educational Activities and Events
(November 2020)

(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 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:

	Key Learning Area/ Subject	*Title*	*For the attention /action of*	*Remarks*	*Annex*
i)	Kindergarten Education	Hong Kong Library Festival 2020	Principals and teachers	-	1

b)   For primary schools:

	Key Learning Area/ Subject	*Title*	*For the attention /action of*	*Remarks*	*Annex*
i)	All key learning areas / subjects	Hong Kong Library Festival 2020 (including Online Reading Club conducted in Cantonese)	School Heads, Teachers of Chinese Language and other Subject Teachers	-	1

	Key Learning Area/ Subject	Title	For the attention /action of	Remarks	Annex
ii)	Chinese Language Education	2020/21 Chinese Writing and Talent Competition for Non-Chinese Speaking Students (Primary)	School heads and Chinese Language teachers	Submission deadline: 26 February 2021 (Friday)	2
iii)	Gifted Education	Hong Kong Budding Poets (English) Award 2020/21	Panel chairpersons and teachers of English Language	Application Deadline: 18 December 2020 (Friday)	5
iv)	Gifted Education	The Fifteenth Hong Kong Mathematics Creative Problem Solving Competition for Primary Schools	Panel chairpersons and teachers of Mathematics, teachers responsible for co-ordinating school-based gifted education	Application Deadline: 18 December 2020 (Friday)	6
v)	Gifted Education	The 23rd Hong Kong Youth Science and Technology Innovation Competition	Teachers in charge of coordinating or implementing STEM education	Please refer to the website of Hong Kong New Generation Cultural Association Science Innovation Centre	8
vi)	Moral, Civic and National Education	"My Green Space" Student Competition 2020-21	School Heads, Moral, Civic and National Education / General Studies/ Extra-curricular Activities Co-ordinators and Teachers	The application deadline : 6:00 pm, 30 November 2020 (Monday)	9
vii)	English Language Education	Promoting Positive Values and Attitudes through English Sayings of Wisdom - SOW Creative Writing Competition	School heads, English Panel Chairpersons and English teachers	Not applicable to ESF schools and International schools Period for submission of student entries: 6 - 22 January 2021	14
viii)	General Studies	"HK Chronicles of 7,000 Years" Exhibition (Chinese version only)	Principal, General Studies panel chairpersons and teachers	Application deadline: 20 November, 2020 (Friday)	16

	Key Learning Area/ Subject	Title	For the attention /action of	Remarks	Annex
ix)	Science, Technology and Mathematics Education	Virtual InnoCarnival 2020	School heads, Primary School Curriculum leaders, and teachers of General Studies	Online Event Period: 23 to 31 December 2020	17
x)	General Studies	「中史解碼」KOL 大募集 (Chinese version only)	School Heads, Panel Heads and Teachers of General Studies	Deadline for Application and Submission of Entries: 5 February 2021 (Friday)	18
xi)	Curriculum Resources	"4·23 World Book Day Creative Competition" 2020 — "Exploring the New Frontiers of Reading"	School heads and teacher-librarians	Deadline of submission: 5 January 2021 (Tuesday)	19
xii)	Curriculum Resources	"Library Cards for All School Children" Scheme	School heads and teacher-librarians	Deadline of bulk application: 25 June 2021 (Friday)	20

c)   **For secondary schools:**

	Key Learning Area/ Subject	Title	For the attention /action of	Remarks	Annex
i)	All key learning areas / subjects	Hong Kong Library Festival 2020 (including Online Reading Club conducted in Cantonese)	School Heads, Teachers of Chinese Language and other Subject Teachers	-	1
ii)	Chinese Language Education	2020/21 Chinese Writing and Talent Competition for Non-Chinese Speaking Students (Secondary)	School heads and Chinese Language teachers	Submission deadline: 26 February 2021 (Friday)	3
iii)	Chinese Language Education	2020-2021 China Essay Competition for Secondary Students (Hong Kong Region)	School heads, Chinese Language & Chinese Literature panel heads and teachers	Application deadline: 14 December 2020 (Monday)	4

	Key Learning Area/ Subject	Title	For the attention /action of	Remarks	Annex
iv)	Gifted Education	Hong Kong Budding Poets (English) Award 2020/21	Panel chairpersons and teachers of English Language	Application Deadline: 18 December 2020 (Friday)	5
v)	Gifted Education	The Eleventh Hong Kong Mathematics Creative Problem Solving Competition for Secondary Schools	Panel chairpersons and teachers of Mathematics, teachers responsible for co-ordinating school-based gifted education	Application Deadline: 18 December 2020 (Friday)	7
vi)	Gifted Education	The 23rd Hong Kong Youth Science and Technology Innovation Competition	Teachers in charge of coordinating or implementing STEM education	Please refer to the website of Hong Kong New Generation Cultural Association Science Innovation Centre	8
vii)	Moral, Civic and National Education	"My Green Space" Student Competition 2020-21	School Heads, Moral, Civic and National Education / Personal, Social and Humanities Education Key Learning Area/ Science Education Key Learning Area/ Liberal Studies/ Extra-curricular Activities Co-ordinators and Teachers	The application deadline : 6:00 pm, 30 November 2020 (Monday)	9
viii)	Mathematics Education	Mathematics Project Competition and Mathematics Book Report Competition for Secondary Schools (2020/21)	Mathematics panel chairpersons and teachers	Submission Deadline: Mathematics Book Report Competition: 10 March 2021 (Wednesday) Mathematics Project Competition: 17 March 2021 (Wednesday)	10

	Key Learning Area/ Subject	Title	For the attention /action of	Remarks	Annex
ix)	Mathematics Education	2020/21 Statistical Project Competition for Secondary School Students	Mathematics panel chairpersons and teachers	Submission Deadline: 26 February 2021 (Friday)	11
x)	Science Education / Chemistry	The "Chemists Online" Self-study Award Scheme 2021	School heads, Science Education Key Learning Area coordinators and Chemistry teachers	Application Deadline: 15 December 2020 (Tuesday)	12
xi)	Science Education	Hong Kong Observatory Radiation Education Programme (2020/21)	School heads, Science Education Key Learning Area coordinators and teachers	-	13
xii)	English Language Education	Promoting Positive Values and Attitudes through English Sayings of Wisdom - SOW Creative Writing Competition	School heads, English Panel Chairpersons and English teachers	Not applicable to ESF schools and International schools Submission of entries: 6 - 22 January 2021	14
xiii)	English Language Education & Arts Education / English Language, Literature in English and Visual Arts	Poetry Remake Competition (Rescheduled)	School heads, panel chairpersons and teachers of English Language, Literature in English and Visual Arts	Not applicable to ESF schools and International schools Application deadline: 11 December 2020 (Friday) Submission of entries: 25-26 February 2021	15

	Key Learning Area/ Subject	Title	For the attention /action of	Remarks	Annex
xiv)	Personal, Social and Humanities Education/ Chinese History and History, Senior Secondary Liberal Studies	"HK Chronicles of 7,000 Years" Exhibition & Seminar, Secondary School Student Docent Training Program (Chinese version only)	School heads, Personal, Social and Humanities Education Key Learning Area coordinators, Chinese History/ History, Senior Secondary Liberal Studies panel chairpersons and teachers	Application deadline: 20 November, 2020 (Friday)	16
xv)	Science, Technology and Mathematics Education	Virtual InnoCarnival 2020	School heads, co-ordinators and teachers of Science, Technology and Mathematics Education Key Learning Areas	Online Event Period: 23 to 31 December 2020	17
xvi)	Personal, Social and Humanities Education Key Learning Area / Chinese History, Technology Education Key Learning Area	「中史解碼」KOL大募集 (Chinese version only)	School Heads, Coordinators of the Personal, Social and Humanities Education Key Learning Area, Panel Heads and Teachers of Chinese History, Coordinators and Teachers of the Technology Education Key Learning Area	Deadline for Application and Submission of Entries: 5 February 2021 (Friday)	18
xvii)	Curriculum Resources	"4·23 World Book Day Creative Competition" 2020 — "Exploring the New Frontiers of Reading"	School heads and teacher-librarians	Deadline of submission: 5 January 2021 (Tuesday)	19

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.

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Ms Edith Y C TSE

for Secretary for Education

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c.c. Heads of Sections – for information

Mathematics Project Competition and Mathematics Book Report Competition for Secondary Schools (2020/21)

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 Education Bureau (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 a seminar on **10 December 2020 (Thursday)** in Room WP01, Podium Floor, West Block, Education Bureau Kowloon Tong Education Services Centre, 19 Suffolk Road, Kowloon Tong, Kowloon. Past winning entries of both competitions and the suggested books of Mathematics Book Report Competition (2020/21) will be displayed in the seminar. Teachers are welcomed to bring their students to attend the seminar. For application details, please visit the EDB Training Calendar System (Course ID: CDI020210225).

4. Schools interested in nominating their students to participate in the captioned competitions are requested to complete the Application Form **(Appendix 10a)** and return it to the Mathematics Education Section, Curriculum Development Institute, Education Bureau by mail or fax **on or before 5 February 2021 (Friday)**. The deadline for the submission of Mathematics book reports is **5:00 p.m. on 10 March 2021 (Wednesday)** and that of Mathematics projects is **5:00 p.m. on 17 March 2021 (Wednesday)**.

5. Regulations for the captioned competitions are attached **(Appendix 10b)**.

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. 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 supervisors will also be informed by email through the email addresses 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, Education Bureau 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 and Mathematics Book Report Competition
for Secondary Schools (2020/21)
Application Form (Application Deadline: 5 February 2021)

Name of School: _____

Mathematics Project Competition for Secondary Schools
(Category A "Junior secondary project" and Category B "S1 mini-project")

I nominate _____ (†) team(s) (#) to participate in the Mathematics Project Competition for Secondary

Schools. In which, _____ (†) team(s) (#) will participate in the Category A (Junior secondary project) and

_____ (†) team(s) (#) will participate in the Category B (S1 mini-project). The teacher supervisor is:

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

Contact no.： _____ Email： _____

Mathematics Book Report Competition for Secondary Schools
(Junior Secondary Category and Senior Secondary Category)

I nominate _____ (†) student(s) (##) to participate in the Mathematics Book Report Competition

for Secondary Schools. In which, _____ (†) junior secondary student(s) (##) will participate in

the Junior Secondary Category and _____ (†) senior secondary student(s) (##) 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 Education Bureau to announce the related information of the team(s) or student(s) (Restricted to name of student(s), class level(s) and name of school) for the results of the captioned competition(s).

Signature of Principal : _____

Name of Principal : _____

Date : _____

†   *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.*
\#\#   *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 for Secondary Schools (2020/21)
Information Sheet#
中學數學專題習作比賽 (2020/21)
資料頁#

Category 參賽組別	□* A 組：初中習作　　　(Category A: Junior secondary project) □* B 組：中一小型習作　(Category B: S1 mini-project)
	The project is related to the theme "Mathematical Modelling". Yes □* No □* 本習作與「數學建模」主題相關。是 □ * 否 □*

Title of Project 專題習作題目	
Name of School (English)	
學校名稱 (中文)	

Teacher Supervisor 負責教師	Name in English	Mr/Ms**
	中文姓名	先生/女士**
	Tel No. 電話	
	Email## 電郵##	

Team members 隊員		Name in English	中文姓名	Class 班別
	1			
	2			
	3			
	4			
	5			
	6			

\# Each written report must be submitted together with this "Information sheet" to garylee@edb.gov.hk in the same email by 5:00 p.m. on 17 March 2021. This sheet can be downloaded from http://www.edb.gov.hk/en/curriculum-development/kla/ma/res/sa/mpc-mbrc.html. All USB flash memories or DVDs, together with the deliverable products, etc (if any), must be submitted **by hand** by 5:00 p.m. on 17 March 2021 to Mr LEE Kin-sum, Mathematics Education Section, Curriculum Development Institute, EDB, Room 403, 4/F, Kowloon Government Offices, 405 Nathan Road, Kowloon.

\# 每份報告連同本資料頁須在 2021 年 3 月 17 日下午 5 時或之前，以同一電郵一併遞交到 garylee@edb.gov.hk 。本資料頁可在下列網址下載： http://www.edb.gov.hk/tc/curriculum-development/kla/ma/res/sa/mpc-mbrc.html。所有 USB 記憶體 或 DVD 光碟，及成品等（如適用）須於 2021 年 3 月 17 日下午 5 時或之前以人手送交九龍彌敦道 405 號九 龍政府合署 4 樓 403 室教育局課程發展處數學教育組李健深先生。

* Please put a ✓ in appropriate box.　　　　　　　請於合適的方格內加上✓號。
** Please delete whichever is inappropriate.　　　　請刪去不適用者。
\#\# The written report must be submitted via this email address.　　報告須透過此電郵地址遞交。

Mathematics Project Competition for Secondary Schools (2020/21)
Information Sheet
中學數學專題習作比賽 (2020/21)
資料頁

Project Summary in either English or Chinese (To be completed by team members in not more than 200 words)

中文或英文的習作撮要 (由隊員填寫，不超過 200 字)

We declare that
- the project is our own work except where we have referenced and acknowledged; and
- the project has not been awarded for any prizes in any open competitions.

我們聲明
- 除了已經注明引用和致謝的地方外，均為我們的作品；及
- 本習作並沒有在任何公開比賽中獲得任何獎項。

The following is applicable to participants of Category A (Junior secondary project) only:
以下部分只適用於 A 組（初中習作）的參賽者：

Please indicate the following language used to present your project verbally and respond to adjudicators' questions if your team is invited to attend the interview for the finalists.

若你們的隊伍獲邀請參加決賽面試，請選擇以下一種語言口述你們的習作及作答。

Cantonese / Putonghua / English **

廣東話 ／ 普通話 ／ 英語 **

** Please delete whichever is inappropriate. 請刪去不適用者。

Mathematics Book Report Competition for Secondary Schools (2020/21)
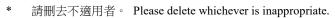## Nomination Form#
中學數學閱讀報告比賽 (2020/21)
提名表#

My school would like to nominate the following students to take part in the Mathematics Book Report Competition for Secondary Schools:

本校提名以下學生參加中學數學閱讀報告比賽：

Category 組別	Class 班別	Name of Student 學生姓名	Name of Teacher Supervisor 指導教師姓名
Junior Secondary 初中組			
Junior Secondary 初中組			
Junior Secondary / Senior Secondary * 初中組 / 高中組 *			
Junior Secondary / Senior Secondary * 初中組 / 高中組 *			
Senior Secondary 高中組			
Senior Secondary 高中組			

Name of School 學校名稱			

Teacher-in-charge 總負責教師	Name in English	Mr/Ms*
	中文姓名	先生/女士*
	Tel No. 電話	
	Email 電郵	

Each participating school must submit all book report(s) and their respective Information Sheet(s) together with this **Nomination Form** through email to kwokkeichang@edb.gov.hk at or before 5:00 p.m. on 10 March 2021. This Nomination Form can be downloaded from:
http://www.edb.gov.hk/en/curriculum-development/kla/ma/res/sa/mpc-mbrc.html

每所參與學校須把所有閱讀報告及其資料頁連同本**提名表**於 2021 年 3 月 10 日下午 5 時或之前，以電郵遞交到 kwokkeichang@edb.gov.hk 。本提名表可在下列網址下載：
http://www.edb.gov.hk/tc/curriculum-development/kla/ma/res/sa/mpc-mbrc.html

* 請刪去不適用者。 Please delete whichever is inappropriate.

Mathematics Book Report Competition for Secondary Schools (2020/21)
Information Sheet#
中學數學閱讀報告比賽 (2020/21)
資料頁#

Category* 參賽組別*	☐ 初中組：中一級至中三級 (Junior Secondary Category: S1-S3) ☐ 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 總字數		
Name of School		
學校名稱		
Teacher Supervisor 指導教師	Name in English	Mr/Ms**
	中文姓名	先生/女士**
	Tel No. 電話	
	Email 電郵	
Participant 參賽學生	Name in English	
	中文姓名	
	Class 班別	

Student Declaration 學生聲明：

I declare that this book report is my own work except where I have referenced and acknowledged. This book report in any form or its translation has not previously been submitted to this competition or other open competitions.
I agree to transfer the copyright of the book report to the Education Bureau. The Education Bureau has the right to publish in full or part of the book report.

本人聲明：本閱讀報告除了已經注明引用和致謝的地方外，均為本人的作品。本閱讀報告不論以任何形式或其翻譯版本亦從未呈交此比賽或其他公開比賽。
本人同意將閱讀報告的版權轉讓給教育局。教育局有權發表部分或全部的閱讀報告。

Student signature 學生簽名：＿＿＿＿＿＿＿＿＿＿   Date 日期：＿＿＿＿＿＿＿＿＿＿

\# **Each book report** must be submitted together with this **Information sheet** with the student's signature to kwokkeichang@edb.gov.hk in the same email at or before 5:00 p.m. on 10 March 2021. This Information Sheet can be downloaded from:
http://www.edb.gov.hk/en/curriculum-development/kla/ma/res/sa/mpc-mbrc.html

\# **每份閱讀報告**連同附有學生簽名的**資料頁**須於 2021 年 3 月 10 日下午 5 時或之前，以同一電郵一併遞交到 kwokkeichang@edb.gov.hk。本資料頁可在下列網址下載：
http://www.edb.gov.hk/tc/curriculum-development/kla/ma/res/sa/mpc-mbrc.html

* 請於合適的方格內加上 ✓ 號。 Please put a ✓ in appropriate box.

** 請刪去不適用者。 Please delete whichever is inappropriate.

Mathematics Project Competition and Mathematics Book Report Competition for Secondary Schools (2020/21)

Details

The captioned competitions are organised by the Education Bureau. 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 only one project in either one category but not both.

   (b) For 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 set up this year 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, including a summary of about 200 words of the project, 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 information sheet and the cover of the report.

   (e) The content of the written report **should not contain any information of the participants**, including the school name, the name of the teacher supervisor and the names of team members, etc. **Otherwise, marks may be deducted**.

   (f) The written report must be submitted in MS Word format or in pdf format, 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 title of the project as the file name. **The report in the format of a scanned copy is not accepted.** Each written report must be submitted together with the "Information Sheet" (Appendix 10a). The "Information Sheet" must be in MS Word format or in pdf format, with the title of the project plus "_info" as the file name (e.g. *Magic_Square_info.docx*). Marks may be deducted for the submitted files failing to comply with the specific requirements. Each participating school must submit the written

project(s) and "Information Sheet(s)" of the participants together through email from the teacher supervisor's email address to garylee@edb.gov.hk on or before the deadline. The "Information Sheet" can be downloaded from the website of the Mathematics Project Competition and Mathematics Book Report Competition for Secondary Schools:
http://www.edb.gov.hk/en/curriculum-development/kla/ma/res/sa/mpc-mbrc.html

(g) Participants have to declare, in the "Information Sheet", that (1) the project is their own work except where they have referenced and acknowledged; and (2) the project has not been awarded for any prizes in any open competitions. The project will not be adjudicated if it has been awarded for any prizes in any open competitions.

(h) Participants should note that file formats such as GeoGebra files, Excel files and programs, etc may be blocked by the firewall of the Education Bureau and hence cannot be submitted through email. These files may either be stored in the cloud, such as Google drive for example, or stored in an USB or a DVD, and be submitted as follows: The link of these files on cloud drives should be submitted with the project through email to garylee@edb.gov.hk on or before the deadline; and the USB or DVD, together with the deliverable product, etc (if any), should also be submitted to the Mathematics Education Section, Curriculum Development Institute, Education Bureau **by hand** on or before the deadline.

(i) After the project and the information sheet are received, the Education Bureau will issue an email of acknowledgement to the teacher supervisor by 19 March 2021.

(j) The written report must be written in either Chinese or English. Participants must not plagiarise the work of others. 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 if the report fails to comply with the requirements.**

(k) 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.

(l) 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.

(m) The Education Bureau reserves the right to publish in full or part of the written reports, videos recorded and photos taken in the interview and Prize-giving Ceremony. All written reports will not be returned.

(n) Participants will be responsible for the production costs of their projects.

(o) Submitted reports cannot be amended. Only the first submitted version will be adjudicated.

(p) Late submissions will not be adjudicated.

(q) 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. Participants have to select, in the "Information Sheet", to use only one language, either Cantonese, Putonghua or English, to present their project verbally and respond to adjudicators' questions in the interview. The interview will be videotaped and photo-taken.

For Category B, adjudication is based on the written report and the product(s) of the project, if any, only. No interview would be arranged.

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
1/12/2020 (Tuesday)	Deadline for application for the briefing seminar.
10/12/2020 (Thursday)	Briefing Seminar (Course ID: CDI020210225) Time: 3:00 p.m. – 5:00 p.m. Venue: Room WP01, Podium Floor, West Block, Education Bureau Kowloon Tong Education Services Centre, 19 Suffolk Road, Kowloon Tong, Kowloon.
5/2/2021 (Friday)	Deadline for the submission of application forms for Mathematics Project Competition for Secondary Schools.
17/3/2021 (Wednesday)	Deadline for the submission of written reports and product(s) of the projects (if any). All written reports should be submitted **by 5:00 p.m. on 17 March 2021** to: Mr LEE Kin-sum of this Bureau garylee@edb.gov.hk All USB flash memories or DVDs, and deliverable products of the projects, etc (if any) should be submitted **by 5:00 p.m. on 17 March 2021** to: Mr LEE Kin-sum **by hand** to the address Mathematics Education Section, Curriculum Development Institute, EDB Room 403, 4/F, Kowloon Government Offices 405 Nathan Road, Kowloon. **Late submissions will not be adjudicated.**
1/5/2021 (Saturday)	Announcement of the list of finalists of Category A. Letters will be sent to the finalists through their participating schools to invite them to attend an interview. Announcement of the list of Good Performance Teams of Category A and B, and Outstanding Performance Teams of

Date	Event
	Category B on the website of the Mathematics Project Competition and Mathematics Book Report Competition for Secondary Schools: http://www.edb.gov.hk/en/curriculum-development/kla/ma/res/sa/mpc-mbrc.html
7/5/2021 (Friday) (tentative)	Interview for the finalists of Category A.
At the end of June 2021 (tentative)	Prize-giving Ceremony of Mathematics Project Competition and Mathematics Book Report Competition for Secondary Schools cum Exhibition of Winning Entries. 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.

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, Education Bureau.

Mathematics Book Report Competition for Secondary Schools

The objective of this competition is 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 could submit only one book report. **Each school could nominate at most <u>four students</u> from Secondary Three or below to participate in the Junior Secondary Category, and at most <u>four students</u> from Secondary Four or above to participate in the Senior Secondary Category. Moreover, each school could at most nominate a total of <u>six students</u> 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 regarding 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 contents of their book reports.

Suggested Book List for the Junior Secondary Category:

Title	Author	Publisher	Year of Publication
數學小魔女	莎拉‧夫蘭納里 (Sarah Flannery)、大衛‧夫蘭納里 (David Flannery)； 葉偉文　譯	天下文化	2001
In Code: A Mathematical Journey	Sarah Flannery and David Flannery	Algonquin Books of Chapel Hill	2002
從月曆學數學 （阿草的歷史故事）	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
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)； 陳敏晧　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

Title	Author	Publisher	Year of Publication
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
你沒看過的數學	吳作樂、吳秉翰	五南	2015
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
數學思辨之旅：拆解國中數學，建立數學素養與能力	永野裕之；衛宮紘　譯	世茂	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
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

Suggested Book List for the Senior Secondary Category:

Title	Author	Publisher	Year of Publication
數學小魔女	莎拉・夫蘭納里 (Sarah Flannery)、大衛・夫蘭納里 (David Flannery)；葉偉文　譯	天下文化	2001
In Code: A Mathematical Journey	Sarah Flannery and David Flannery	Algonquin Books of Chapel Hill	2002

Title	Author	Publisher	Year of Publication
數學恩仇錄：數學史上的十大爭端	哈爾‧赫爾曼 (Hal Hellman)； 范偉　譯	博雅書屋	2009
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
Mathematics for the Imagination	Peter Higgins	Oxford University Press	2002
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
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)； 陳敏晧　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

Title	Author	Publisher	Year of Publication
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
你沒看過的數學	吳作樂、吳秉翰	五南	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
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

Title	Author	Publisher	Year of Publication
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

The suggested book list will be revised every year.

(c) The content of the book report must be concisely written in 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 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 book report or its scanned copy 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 book report must be submitted together with the "Information Sheet" **(Appendix 10a)**. The file name of the Information Sheet must be formed by the name of the school and student plus "_info" (e.g. *ABC_Sec_Sch_Chan_Tai_Tak_info*). Each school is required to submit a "Nomination Form" **(Appendix 10a)** together with the book report(s). The file name of the Nomination Form must be formed by the name of the school plus "_nomination" (e.g. *ABC_Sec_Sch_nomination*). Each participating school must submit the book report(s), Information Sheet(s) of the participant(s) and the Nomination Form together via the email address of the teacher-in-charge to the email address kwokkeichang@edb.gov.hk before the deadline. The Information Sheet and the Nomination Form can be downloaded from the website of Mathematics Project Competition and Mathematics Book Report Competition for Secondary Schools:
http://www.edb.gov.hk/en/curriculum-development/kla/ma/res/sa/mpc-mbrc.html

(g) 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 the work of others. If the contents of the book or other references, including tables and diagrams, are quoted 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.**

(h) The submitted book report cannot be amended. Only the first submitted version will be adjudicated.

(i) All book reports submitted later than the deadline will not be adjudicated.

(j) All book reports will not be returned.

(k) 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.

(l) The decision of the Organising Committee for Mathematics Book Report Competition for Secondary Schools is final.

2. **Adjudication of the Mathematics Book Report Competition for Secondary Schools**
   The panel of judges comprises experienced mathematics teachers, academics and representatives from the Mathematics Education Section, Curriculum Development Institute, Education Bureau. 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%

3. **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 and Appreciation Award. 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$50 book coupon and certificate of merit
Appreciation Award	Certificate of appreciation

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

Date	Event
2/12/2020 (Wednesday)	Deadline for application for the briefing seminar
10/12/2020 (Thursday)	Briefing Seminar (Course ID: CDI020210225) Time: 3:00 p.m. – 5:00 p.m. Venue: Room WP01, Podium Floor, West Block, Education Bureau Kowloon Tong Education Services Centre, 19 Suffolk Road, Kowloon Tong, Kowloon
5/2/2021 (Friday)	Deadline for the submission of application forms for Mathematics Book Report Competition for Secondary Schools.
10/3/2021 (Wednesday)	Deadline for the submission of mathematics book reports. All mathematics book reports must be submitted **at or before 5:00 p.m. on 10 March 2021** to Mr CHANG Kwok-kei of this Bureau kwokkeichang@edb.gov.hk **All late book reports will not be adjudicated.**
31/5/2021 (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: http://www.edb.gov.hk/en/curriculum-development/kla/ma/res/sa/mpc-mbrc.html
At the end of June 2021 (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.