

**國際數學奧林匹克－香港選拔賽初賽 2021**  
**International Mathematical Olympiad**  
**Preliminary Selection Contest – Hong Kong 2021**

**Details and Regulations 比賽詳情及規則**

(請學校複印「比賽詳情及規則」，派發給每位獲提名的學生作為參考之用。)

(Schools should make a copy of the "Details and Regulations" for each student nominee for reference.)

1. 舉行日期 Date : **二零二一年五月二十九日** (星期六) **29 May 2021** (Sat)
2. 時間 Time : 上午九時至正午十二時 9:00 a.m. – 12:00 n.n.
3. 地點 Venue : 九龍喇沙利道 18 號喇沙書院  
La Salle College, 18 La Salle Road, Kowloon
4. 程序 Schedule :

上午八時三十分	8:30 a.m.	進場就坐 Be Seated
上午八時四十五分	8:45 a.m.	大會宣布 Announcement Made
上午九時	9:00 a.m.	比賽開始 Event Starts
正午十二時	12:00 n.n.	比賽結束 Event Ends

**5. 提名須知 Notes on Nomination:**

- 5.1. 每所香港全日制中學可提名**最多六名中五或以下的學生**參賽。  
Each whole day secondary school in Hong Kong may nominate **up to SIX students of Secondary Five or below** for the captioned contest.
- 5.2. 若獲提名學生為去年「國際數學奧林匹克－香港選拔賽 2020」的得獎者(金、銀或銅獎)，請將該等學生的資料填於網上報名表格的表二之中。該等學生不會列入既定的六個名額之內。(註：為了提供更多機會讓數學資優學生參與是次選拔賽，於去年選拔賽中獲獎的提名學生將不被包括在既定的六個名額之內。學生於 2021 選拔賽中表現出色，是獲選參加 2022 國際數學奧林匹克的其中一個條件。)  
If nominated students were granted awards (Gold, Silver or Bronze Awards) last year at the "International Mathematical Olympiad (IMO) Preliminary Selection Contest – Hong Kong 2020", their information should be filled in Table 2 of the Online Application Form. These students are not counted in the quota of 6 students. (Note: The practice of not including the nominated students who won awards in the quota of 6 students is to provide mathematically gifted students with more opportunities to take part in the contest. The outstanding performance of students in the Preliminary Selection Contest – Hong Kong 2021 is one of the criteria for selection of contestants for the IMO 2022.)
- 5.3. 所有獲提名學生均須於**2002 年 7 月 1 日或之後出生**，並於 2021/22 學年仍就讀於香港全日制中學。  
Students who were **born on or after 1 Jul 2002** and will still be studying in whole day secondary schools in Hong Kong in the school year 2021/22 are qualified for the nomination.
- 5.4. 參賽學校須提名一位教師協助統籌此項比賽。  
School participating in the event is also requested to nominate a teacher-in-charge to coordinate the event.
- 5.5. 學校須於**2021 年 3 月 8 日(星期一)正午 12 時前**經香港資優教育學苑網頁 <https://www.hkage.org.hk/b5/competitions/detail/6285> 提名學生參賽。  
**Schools may nominate students through the HKAGE website <https://www.hkage.org.hk/b5/competitions/detail/6285> before 12 n.n., 8 Mar 2021 (Mon).**
- 5.6. 「國際數學奧林匹克－香港選拔賽初賽 2021」亦接受由**學生自行報名申請**，但必須符合第 5.3 項所列之要求。若學校的提名名額未滿，學生的報名申請將以先到先得方式處理，並以成功提交報名表格的時間為準。  
**Self-application from students** are open for the "International Mathematical Olympiad Preliminary Selection Contest – Hong Kong 2021". All applicants must **fulfill the requirement as stated in Item 5.3**. Applications are accepted only if the school quotas have not been filled up. In this case, student application will be accepted on a first-come, first-served basis, depending on the time of successful submission of the application form.
- 5.7. 報名學生須於**2021 年 3 月 9 日(星期二)至 2021 年 3 月 15 日(星期一)正午 12 時前**經香港資優教育學苑網頁 <https://www.hkage.org.hk/b5/competitions/detail/6285> 報名參賽。  
**Self-applied students may apply through the HKAGE website <https://www.hkage.org.hk/en/competitions/detail/6285> from 9 Mar 2021 (Tue) to before 12:00 n.n., 15**

### **Mar 2021 (Mon).**

- 5.8. 報名結果、學生參賽編號及其他有關詳情，將於 **2021 年 5 月 3 日（星期一）下午 5 時後在學苑之網頁 <https://www.hkage.org.hk/b5/competitions/detail/6285>** 公布，校長、教師及相關學生屆時須自行上網查閱詳情，恕不另函通知。

Application results, Contestant Numbers and other details will be released **after 5:00 p.m., 3 May 2021 (Mon) on the website of the HKAGE <https://www.hkage.org.hk/en/competitions/detail/6285>**. School principals, teachers and students concerned should take the initiative to check the details. **No further notification will be given.**

### **6. Mode of Competition 比賽形式:**

- 6.1 比賽以筆試形式進行，限時三小時。

The contest is comprised of a three-hour written test.

- 6.2 試卷共有 20 題，題目中英對照。參賽者必須解答全卷所有題目。

The test has 20 questions. Questions are in bilingual versions. Contestants should answer all the questions.

- 6.3 有關歷屆比賽試題和題解，請瀏覽學苑網頁 <https://www.hkage.org.hk/b5/competitions/detail/6285>。

For details of questions and solutions of past years, please visit the website of the HKAGE <https://www.hkage.org.hk/en/competitions/detail/6285>.

### **7. Notes on Competition 比賽須知:**

- 7.1. 比賽題目涉及的數學概念，一般中四學生均可掌握；題目側重在幾何、代數和算術方面的高階思維技巧和解難能力。

Questions will be set on the mathematical concepts within the reach of S4 students with an emphasis on the higher order thinking skill, and problem-solving ability in geometry, algebra and arithmetic.

- 7.2. **參賽者須於比賽當日準時到達比賽場地，並必須穿著整齊校服及帶備香港身份證和學生證，否則其參賽資格可能會被取消。**

**Contestants must report to the designated venue in school uniform punctually and bring along their Hong Kong Identity Cards and Student Identity Cards. Those who fail to comply may risk disqualification.**

- 7.3. 參賽者於比賽開始後的首 30 分鐘及比賽完結前的 15 分鐘均不得早退。參賽者均須獲得監考員的允許方可早退。

Contestants are not allowed to leave the contest venue within the first 30 minutes and the last 15 minutes of the contest. Consent of the invigilators must be obtained for early leave.

- 7.4. 以比賽開始時間計算，遲到超過三十分鐘者將不能進場參賽，並會被取消資格。

Those who arrive at the designated venue 30 minutes after the starting time of the contest will be disqualified and will not be allowed to enter the venue.

- 7.5. 不可使用計算機。

Using calculators is prohibited.

- 7.6. 大會不提供任何文具。

No stationery will be provided.

- 7.7. 賽例如有更改，以比賽當天的公布為準。

Any changes in the rules and regulations, it will be announced on the day of contest.

- 7.8. 如有疑問，參賽者須於比賽完畢後，立即向會場主任提出。如有任何爭議，國際數學奧林匹克香港委員會保留最終決定權。

Queries should reach the officer-in-charge immediately after the contest. The IMO Hong Kong Committee reserves the right of the final decision in case of any dispute.

8. 本賽事設有個人金獎、銀獎、銅獎及優異獎。

There will be individual Gold, Silver, Bronze Awards and Honourable Mentions.

9. 所有獲得金、銀、銅及優異獎的參賽者將可參加「國際數學奧林匹克訓練 2021-22（第一期）基礎班」此外，適齡的得獎生如能順利完成「國際數學奧林匹克訓練 2021-22（第一期）基礎班」，將有機會獲邀按「尖子培育計劃」參加香港資優教育學苑的學員甄選。

詳情將於「國際數學奧林匹克－香港選拔賽初賽 2021」完結後公佈。

Awardees of Gold, Silver, Bronze Awards and Honourable Mentions will be eligible to participate in the "International Mathematics Olympiad Training 2021-22 (Phase I) Level 1".

Besides, awardees of appropriate age who have successfully completed the "International Mathematics Olympiad Training 2021-22 (Phase I) Level 1" may be invited to join the screening for

the HKAGE membership through the “Nurturing the Gifted Scheme”.

Details will be announced after the “International Mathematical Olympiad Preliminary Selection Contest - Hong Kong 2021”.

10. 比賽結果、頒獎禮及賽後國際數學奧林匹克訓練課程之安排，將於 **2021年6月7日** 在香港資優教育學苑網頁 <https://www.hkage.org.hk/b5/competitions/detail/6285> 發布。學校及學生請瀏覽該網頁查閱有關詳情。  
Contest result, arrangement of the Prize-giving Ceremony and follow-on IMO training programmes will be released on **7 Jun 2021** through the HKAGE website <https://www.hkage.org.hk/en/competitions/detail/6285>. Schools and students may refer to the website for details.
11. 比賽結果只會公佈各獎項的得獎者名單。如有任何爭議，國際數學奧林匹克香港委員會保留最終決定權。  
Only the awardee list will be announced in the contest result. The IMO Hong Kong Committee reserves the right of the final decision in case of any dispute.
12. 訓練課程將會以粵語進行及提供英文筆記。  
The training programmes will be conducted in Cantonese with English handout provided.
13. 香港資優教育學苑可能會在比賽中進行攝錄，作紀錄、內部培訓或課程推廣之用。  
The contest may be videotaped for the HKAGE's records, internal trainings and course promotions.
14. 本學苑及培訓導師／機構有責任為學生提供一個安全的學習環境。學生家長／合法監護人需確保子女能安全往返活動場地。  
The HKAGE and the service provider(s) have the responsibility to provide a safe learning environment to students during the activity. Parent/Legal guardian should arrange safe drop-off and pick-up arrangement of their child to and from the activity.
15. 如有任何查詢，請致電 3940 0101 選擇語言後，按「1」字或電郵至 [imoprelim@hkage.org.hk](mailto:imoprelim@hkage.org.hk)，與香港資優教育學苑聯絡。  
For enquiries, please contact the HKAGE on 3940 0101, after language selection press “1” or by email to [imoprelim@hkage.org.hk](mailto:imoprelim@hkage.org.hk).