



# 2021 ICAS PARTICIPATION GUIDE

2021 ICAS 國際聯校學科評估及比賽  
報名指南

Private Candidates  
個人報名





Dear Parents and Students,

Thank you very much for your support and patience.

SIMCC Hong Kong is delighted to announce to organize ICAS Private Candidate registration in 2021. It will be on 1 and 8 May (Saturday) morning time in Arts and Culture Centre, HKICC Lee Shau Kee School of Creativity. It only provides 200 seats in total because of COVID 19 restrictions. Therefore, it will be implemented “first come first serve basis” due to limited places.

ICAS Assessments is original from UNSW Global (The University of New South Wales, Australia), and it enhances learning and teaching to schools and students across 20 countries over 40 years. It becomes to online mode in 2021. Therefore, all private candidates MUST bring your own computer device such as laptop to our venue in order to participate ICAS Assessments. All private candidates also need to wear masks with your own computer device to participate in May. Please note that we only provide English, Mathematics in Chinese and English, Science in Chinese and English for this private candidate registration. For the registration details and other information, please read this information pack.

Please do not hesitate to contact us if you have any questions. You are welcome to contact us to purchase ICAS past papers for the well preparation.

Looking forward to seeing you in May.

SIMCC Hong Kong 新加坡學術競賽中心香港區辦事處

Address: Unit 1010 - 1015, 10/F, Block B, New Mandarin Plaza, 14 Science Museum Road, Tsim Sha Tsui, Kowloon, Hong Kong

Email : [adminhk@simcc.org](mailto:adminhk@simcc.org) Web site: [hk.simccicas.org](http://hk.simccicas.org) facebook: SIMCC ICAS Hong Kong

Telephone: +852 5801 9998 WhatsApp : +852 9336 2198 / +852 5971 0357



親愛的家長和學生:

非常感謝您的支持和耐心。

**SIMCC 香港很高興宣布將於 2021 年舉辦 ICAS 國際聯校學科評估及比賽個人報名。ICAS 將於 5 月 1 日及 8 日（星期六）上午在 HKICC 李兆基創意學院藝術與文化中心舉行。由於冠狀病毒的限制，只能提供 200 個名額。由於名額有限，將以“先到先得”的方式實施。**

ICAS 評估來自 UNSW Global（澳洲新南威爾斯大學），ICAS 40 年來在 20 個國家/地區的學校和學生提供了提升學與教。它將於 2021 年進入網上模式。因此，所有個人參賽者都必須帶備個人的電腦到我們的指定場地作賽才能參加 ICAS 評估。所有個人參賽者還需要戴上口罩以參加五月的比賽。請注意我們僅提供英語，中文和英語版的數學，中文和英語版的科學。有關報名詳細資料及其他資料，請閱讀此報名指南。

如有任何疑問，請隨時與我們聯絡。歡迎與我們聯繫，購買 ICAS 以往的歷屆試題以進行最好的準備。

期待與您在五月見面。

**SIMCC 新加坡學術競賽中心香港區辦事處**

地址：香港九龍尖沙咀科學館道 14 號新文華中心 B 座 10 樓 1010 至 1015 室

電子郵件：[adminhk@simcc.org](mailto:adminhk@simcc.org) 網站：[hk.simccicas.org](http://hk.simccicas.org) facebook：SIMCC ICAS 香港

電話：+852 5801 9998 WhatsApp：+852 9336 2198 / +852 5971 0357

# What is ICAS Assessments?

## 什麼是 ICAS Assessments?

### ICAS Assessments

ICAS Assessments is an annual online competition that is designed for recognizing and rewarding academic excellence for high potential students. The assessments are based on the curricula for the relevant year. Students are assessed on their ability to apply classroom learning to new contexts using higher-order thinking and problem-solving skills. To ensure an engaging and beneficial experience for all students, new ICAS assessments are developed annually for each subject in every year level.

Over the past 40 years, more than 20 countries and regions (including Hong Kong and Macau) and 9 million students have participated in ICAS to understand the strengths and weaknesses in their subjects. All students who compete in ICAS English, Mathematics, Science and Writing, receive a general overview of their performance and awards, which can be used to build their academic portfolios. Nearly 400 schools in Hong Kong and Macau actively participate in ICAS Assessments.

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40 years in assessment

8.9  
MILLION+

Students' potential unlocked

20+

Participating countries

14.5  
THOUSAND+

Schools have participated

- Skill-based assessment with real life questions
- Based on psychometrics measurement and item response theory to design
- Test high-level thinking, problem solving skills and students' cognitive abilities
- Students do not need to practice repeatedly, suitable for Primary 3 to Form 5 (Year 3 to 11) students
- Schools and students receive online reports and hardcopy certificates

### ICAS 國際聯校學科評估及比賽

ICAS評估是一項年度網上競賽，旨在表彰和獎勵學術卓越的高潛力學生。評估以相關年份的課程為基礎。使用高階思維和解決問題的能力來評估學生將課堂學習應用於新環境的能力。為了確保所有學生都能獲得參與和有益的體驗，每年都會針對每個科目制定新的ICAS評估。

在過去的40年中，已有20多個國家和地區(包括香港和澳門)和900萬學生參加了ICAS，以了解其學科的優缺點。所有參加ICAS英語、數學、科學和寫作比賽的學生都會獲得有關其成績和獎項的總體概述，這些資料可用於建立自己的學習歷程檔案。香港和澳門有近400所學校積極參加ICAS評估。

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40年領導國際評估

8.9  
MILLION+

發掘890萬多名學生潛能

20+

超過20多個國家參與

14.5  
THOUSAND+

全球14.5萬多所學校參與

- 技能為本 (Skills-based) 貼近生活為題材
- 基於心理測量法和試題反應理論而設計
- 測試學生的認知能力, 高階思維及解難能力
- 學生無須反覆練習, 適合小三至中五學生參加
- 學校和學生均獲得電子報告及印刷證書



## SKILL AREAS 技能範疇

Students are required to locate, identify, explain, interpret, infer and analyse information in and about texts. The skill areas assessed are:

要求學生確定、識別、解釋、推論、推斷及分析文本中或有關文本的信息。評估的技能領域是：

- **Text comprehension** 閱讀理解
- **Writer's craft** 寫作手法
- **Syntax** 句法
- **Vocabulary** 詞彙。

## CONTENT 內容

ICAS English assesses reading and language skills in a range of contexts. The following aspects of texts are assessed and reported: text comprehension—reading for meaning—in literary and factual texts; the writer's craft in selecting particular text types, vocabulary and techniques; syntax; and vocabulary. The questions require students to locate, identify, sequence, explain, interpret, analyse and infer information in and about texts.

## CONTENT 內容

ICAS英語在多種情況下評估閱讀和英語運用技能。對文本的以下幾個方面進行了評估和報告：

閱讀理解—閱讀意義—在文學和實用文本中；作者在選擇特定文本類型，詞彙和技巧方面的寫作手法；句法；和詞彙。這些問題要求學生確定、識別、排序、解釋、推論、分析和推斷文本中或有關文本的信息。

Students read a variety of texts which narrate, describe, explain, argue, persuade and review. These include extracts from picture books, novels, poems, play scripts, transcripts of interviews, letters, diary entries, advertisements, web pages, feature articles, opinion pieces and comic strips. These texts cover a range of topics and may include tables, diagrams, maps and other visual information.

學生閱讀各種敘述、描述、解釋、爭論、說服和評論的教科書。這些內容包括圖畫書、小說、詩歌、劇本、筆錄的訪問內容、書信、日記、廣告、網頁、專題文章、短評和漫畫的摘錄。文章涵蓋範疇廣泛，或會包含表格、圖表、地圖和其他視覺資訊。

## ASSESSMENT STRUCTURE 評估結構

Level 年級	Number of Questions 題數	Duration 時間
Primary 3/ Year 3 小學3年級	45	45 minutes 45分鐘
Primary 4/ Year 4 小學4年級	45	45 minutes 45分鐘
Primary 5/ Year 5 小學5年級	50	50 minutes 50分鐘
Primary 6/ Year 6 小學6年級	50	50 minutes 50分鐘
Form 1/ Year 7 中學1年級	55	55 minutes 55分鐘
Form 2/ Year 8 中學2年級	55	55 minutes 55分鐘
Form 3/ Year 9 中學3年級	60	1 hour 1小時
Form 4/ Year 10 中學4年級	60	1 hour 1小時
Form 5/ Year 11 中學5年級	60	1 hour 1小時



## SKILL AREAS 技能範疇

Students are assessed across five key skill areas:

- **Number and arithmetic:** Types of numbers, their properties and number operations. This strand has strong links with measures and units, algebra and patterns and chance and data. It also has some links with space and geometry
- **Algebra and patterns:** Patterns of numbers, relationships between numbers and the use of symbols to stand for unknown or variable numbers
- **Chance and data:** Mathematical treatment of data and statistics
- **Measures and units:** Properties of the physical world that can be measured, the units used to measure them and the process of measurement
- **Space and geometry:** Properties of two-dimensional and three-dimensional space.

在五個關鍵技能領域對學生進行評估：

- **數字和運算:** 數字的類型、特性和運算方法。這個範疇與度量衡與單位、代數與模式、或然率與數據都有著密切關係，也與空間與幾何學有一定的聯繫。
- **代數和數型:** 數字模式，數字之間的關係以及以符號來代表未知數或可變數
- **概率和數據:** 數據和統計資料的數學處理
- **度量衡和單位:** 現實生活中可量度物質的性質、用以量度的單位及量度的方法
- **空間和幾何:** 二維和三維空間的屬性

## CONTENT 內容

ICAS questions require students to make sense of mathematical concepts in everyday situations. Content differs across the papers to ensure they are appropriate for year levels.

### Primary 3 to Form 1/ Year 3 to Year 7:

- Calculators are not permitted.
- Formal algebra is not tested. The emphasis is on pattern, structure and puzzles.
- Formal geometry is not tested (except for Form 1/ Year 7). The emphasis is on spatial skills.

### Form 2 to Form 5/ Year 8 to Year 11:

- Online calculator provided in the assessment platform is required.
- Formal algebra is tested. Students are expected to be familiar with some conventions of algebra.
- Formal geometry is tested. Students are expected to be familiar with some conventions of geometry.

ICAS的問題要求學生理解在日常情況下的數學概念。論文內容不同，以確保它們適合不同的年份級別。

### 小三至中一的測試:

- 不准使用計算機
- 正式代數不在測試之列，測試重點為模式、結構和推理能力
- 正式幾何學不在測試之列(中一級少數題目除外)，測試重點為對空間的理解

### 中二至中五的測試:

- 需要使用網上評估平台中的計算機
- 包含正式代數測試，學生應熟悉一些代數公式
- 包含正式幾何學測試，學生應熟悉一些幾何學公約



## ASSESSMENT STRUCTURE 評估結構

Level 年級	Number of Questions 題數	Duration 時間	Version 版本*
Primary 3/ Year 3 小學3年級	40	45 minutes 45分鐘	E / C
Primary 4/ Year 4 小學4年級	40	45 minutes 45分鐘	E / C
Primary 5/ Year 5 小學5年級	40	45 minutes 45分鐘	E / C
Primary 6/ Year 6 小學6年級	40	1 hour 1小時	E / C
Form 1/ Year 7 中學1年級	40	1 hour 1小時	E / C
Form 2/ Year 8 中學2年級	40	1 hour 1小時	E / C
Form 3/ Year 9 中學3年級	40	1 hour 1小時	E / C
Form 4/ Year 10 中學4年級	40	1 hour 1小時	E / C
Form 5/ Year 11 中學5年級	40	1 hour 1小時	E

\* E = English Version 英文版    C = Chinese Version 中文版

## SKILL AREAS 技能範疇

Students are assessed across the key scientific areas of:

- **Observing and measuring:** Noting and measuring features of items and phenomena
- **Interpreting:** Interpreting data in diagrams, tables and graphs
- **Predicting and concluding:** Inferring information from data
- **Investigating:** Experimental design, use of controls and notion of 'fair test'
- **Reasoning and problem solving.**

在以下關鍵科學領域對學生進行評估：

- **觀察及量度:** 注意和測量物品的特徵
- **數據分析:** 理解各種圖表
- **預測與結論:** 從數據作出信息推理
- **調查:** 實驗設計、對照實驗和「公平測試」的概念
- **推理和問題解決。**

## CONTENT 內容

- Earth and Beyond (incorporating the Earth Sciences and Astronomy)
- Energy and Change (incorporating Physics)
- Life and Living (incorporating Biology and Ecology)
- Natural and Processed Materials (incorporating Chemistry).

Information that the students need to respond to the question is provided in the stimulus. Some knowledge appropriate to the students' age is assumed.

- 地球與太空：結合地球科學與天文學
- 能源與變化：結合物理學
- 生命與生活：結合生物學與生態學
- 自然和人造物料：結合化學。

資料中提供了學生需要回答問題的信息。假定特定學生年齡已有一定知識。

## ASSESSMENT STRUCTURE 評估結構

Level 年級	Number of Questions 題數	Duration 時間	Version 版本*
Primary 4/ Year 4 小學4年級	30	45 minutes 45分鐘	E / C
Primary 5/ Year 5 小學5年級	40	55 minutes 55分鐘	E / C
Primary 6/ Year 6 小學6年級	40	55 minutes 55分鐘	E / C
Form 1/ Year 7 中學1年級	40	1 hour 1小時	E / C
Form 2/ Year 8 中學2年級	40	1 hour 1小時	E / C
Form 3/ Year 9 中學3年級	40	1 hour 1小時	E / C
Form 4/ Year 10 中學4年級	40	1 hour 1小時	E / C
Form 5/ Year 11 中學5年級	40	1 hour 1小時	E

\* E = English Version 英文版 C = Chinese Version 中文版



In 2021 Private Candidate registration, we only provide the subjects below.

ICAS 2021 個人報名我們將會提供以下的科目：

## 2021 ICAS ASSESSMENT INFORMATION

### 2021 ICAS 國際聯校學科評估比賽詳情

ICAS Subjects and Participants ICAS 評估科目及對象

● English version  
英文版

● Chinese version  
中文版

	P3	P4	P5	P6	F1	F2	F3	F4	F5
English 英語	●	●	●	●	●	●	●	●	●
Mathematics 數學	● ●	● ●	● ●	● ●	● ●	● ●	● ●	● ●	●
Science 科學		● ●	● ●	● ●	● ●	● ●	● ●	● ●	●

### ICAS Awards for students 獎項

Each participant will receive a certificate which is awarded on the following basis:

每位學生將獲頒證書：

High Distinction	高級榮譽證書	The top 1% of participants	成績最好的 1% 學生
Distinction	榮譽證書	The next 10% of participants	其後的 10% 學生
Credit	優異證書	The next 25% of participants	再其後的 25% 學生
Merit	優良證書	The next 10% of participants	再其後的 10% 學生
Participation	參賽者證書	For all remaining participants	其餘所有學生

### Assessment result announcement 成績公布

ICAS online report will be released from May to June. We also will provide hard copy certificate. We will contact you by email or mobile to take the awards or certificate. (The exact date will be announced later, please connect our Facebook to get more information: SIMCC ICAS Hong Kong) 網上報告將會於五月至六月公布，所有學生將會獲得證書。我們將會以電郵或電話的方式通知領取獎項/證書。(確實日期將會再次宣布請聯繫我們的 Facebook 以獲得更多資料：SIMCC ICAS Hong Kong)

### Assessment Fees for Private Candidates

ICAS Subjects 科目	Price per entry (HKD) 每科以港幣
English 英語	\$200
Math in English/ Chinese 數學 (中文和英語版)	\$200
Science in English/ Chinese 科學 (中文和英語版)	\$200

\*\*ICAS Private candidate price includes venue and certificates. Payment is non-refundable.

**Registration deadline: 24<sup>th</sup> March 2021 (Wednesday) (First come first serve)**

**報名截止日期：2021年3月24日(星期三) (名額有限，額滿即止)**

## Assessment dates 評估日期

Maths in Chinese/ English 數學 (中文和英語版)	1 <sup>st</sup> May 2021 (9am - 1pm) 5 月 1 日 (9am - 1pm)
English 英語	1 <sup>st</sup> May (9am - 1pm) and 8 <sup>th</sup> May 2021 (9am - 1pm) 5 月 1 日 (9am - 1pm) 及 5 月 8 日 (9am - 1pm)
Science in Chinese/ English 科學 (中文和英語版)	8 <sup>th</sup> May 2021 (9am - 1pm) 5 月 8 日 (9am - 1pm)

**Venue:** HKSC Artscentre, 135 Junction Road, Kowloon

**地點:** 九龍聯合道 135 號 香港兆基創意書院 文化藝術中心

## Registration 報名

Please click the link below or scan QR Code to complete electronic form for the registration.

請點擊以下連結或掃描二維碼已完成電子表格去報名。

<https://docs.google.com/forms/d/1WFQ4Xuwmo-f9monMYy-RNLrfc1RMEdbZf2ljR0AoE6A/edit>



## Payment 付款

Please make the cheque payable to SIMCC Hong Kong Limited and post to the following address on the envelope and indicate "Participate in ICAS Assessments Private Candidates". Please mark candidate full name, contact no. and "ICAS Private Candidate" at the back of the cheque.

以支票方式付款，支票抬頭“SIMCC Hong Kong Limited”。請於支票背後，填寫考生姓名、電話號碼及註明「ICAS 個人考生」，郵寄至 SIMCC 香港辦事處。

## Address 地址

SIMCC Hong Kong Limited

Unit 1010 - 1015, 10/F, Block B, New Mandarin Plaza, 14 Science Museum Road, Tsim Sha Tsui, Kowloon, Hong Kong 郵寄地址: 香港九龍尖沙咀科學館道 14 號新文華中心 B 座 10 樓 1010-1015 室

## Guideline reference and conditions

- 學生需自備及自攜電腦設備到場地進行 ICAS 評估。Students need to bring their own computer devices for sitting the ICAS assessment. \*
- 學生提交此報名表格前，請於以下網頁獲取網上評估的技術上要求及範本：
- Student should visit this webpage to get the technical requirements and demo of ICAS online assessment before submitting this registration form:

- <https://drive.google.com/drive/u/1/folders/1C4zrUEZ1ssuVLoo-6h9Uduk81gwO9rwe>
- 學生參與此評估即被視為明白並願意遵守所有條款及細則。本公司有權隨時更改條款及細則而毋須另行通知。
- **By participating in the assessment, you acknowledge and agree to comply with the terms and conditions.**
- **We reserve the rights of change to event terms and conditions without prior notice.**
- 報名一經接納，所有評估費用概不退回，亦不得轉讓。
- **Once the registration is accepted, all assessment fees are neither refundable nor transferable.**
- 因故未按時應考考生，均作缺席論，且不獲安排補考或退還任何已繳的評估費用。
- **Candidates who fail to take the test on time for some reason will be considered absent and will not be arranged to make up the assessment or refund any assessment fees paid.**
- 本機構根據以下情況有權取消評估、更改地點及日期或取消正在進行中的評估：
- **SIMCC Hong Kong has the right to cancel the assessment, change the location and date, or cancel the ongoing assessment based on the following circumstances:**
- **a/ 惡劣天氣; adverse weather**
- **b/ 主要公共交通暫停服務；Suspension of major public transport services;**
- **c/ 其他不可抗力因素，包括但不限於主辦機構由於火災、水災、天災，或由於抗議、遊行、集會、佔領、騷亂、戰爭、蓄意破壞、傳染病、恐怖襲擊或可能發生上述事件、行動而未能舉辦評估。**
- **Other factors, including but not limited to the organizer's failure to host due to fire, flood, natural disasters, or due to protests, marches, gatherings, occupations, riots, wars, sabotage, infectious diseases, terrorist attacks, or the above-mentioned events or actions.**
- **SIMCC Hong Kong 保留修改所有比賽和評估的規則和規定的權利。**
- **SIMCC Hong Kong reserves the right to amend the rules and regulations of all competitions, contests and assessments.**
- **個人資料聲明 The Use of Personal Data**
- 參加是次評估時，本公司將收集閣下的個人資料（包括姓名、電話及地址等資料），並作為是次評估之聯繫、評估公告、隨後安排、聯絡及紀錄等行銷目的使用之用途。
- **We use your personal information for the purposes of our normal business operations including but are not limited to: assessment logistics; promoting information; informing you about arrangements; record-keeping.**
- 所有學校詳細資料均受 SIMCC Hong Kong 的隱私政策和相關政府法規的保護。SIMCC Hong Kong 完全遵守政府的隱私法規。請於網站上找到更多詳細資料 <https://simccicas.org>
- **All school details are protected by SIMCC HK's Privacy Policy and relevant government**

legislation. SIMCC HK fully complies with government privacy legislation. More details can be found on our website <https://simccicas.org>

**Contact 聯絡我們**

SIMCC Hong Kong 新加坡學術競賽中心香港區辦事處

Address: Unit 1010 - 1015, 10/F, Block B, New Mandarin Plaza, 14 Science Museum Road, Tsim Sha Tsui, Kowloon, Hong Kong

Email : [adminhk@simcc.org](mailto:adminhk@simcc.org) Web site: [hk.simccicas.org](http://hk.simccicas.org) facebook: SIMCC ICAS Hong Kong

Telephone: +852 5801 9998 WhatsApp : +852 9336 2198 / +852 5971 0357

SIMCC 香港 新加坡學術競賽中心香港區辦事處

地址：香港九龍尖沙咀科學館道 14 號新文華中心 B 座 10 樓 1010-1015 室

電郵： [adminhk@simcc.org](mailto:adminhk@simcc.org) 網站： [hk.simccicas.org](http://hk.simccicas.org)

電話： +852 5801 9998 WhatsApp : +852 9336 2198 / +852 5971 0357