

中華數學協會 函

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發文日期：中華民國113年2月16日
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密等及解密條件或保密期限：
附件：「2024袋鼠數學比賽」活動計劃書及相關文宣 (2024021601_Attach1.pdf、2024021601_Attach2.jpg、2024021601_Attach3.pdf、2024021601_Attach4.pdf、2024021601_Attach5.xlsx)

主旨：本會謹訂於113年3月25日至4月12日期間於全國各級學校(國小、國中、高中)舉辦「2024 Math Kangaroo Taiwan，袋鼠數學比賽」，普及推廣數學，提升學童「數學建模能力」、「視覺感知能力」、「閱讀理解能力」，用袋鼠數學豐富的圖象，讓學生了解數學不僅僅是純粹的公式與計算，進而更喜歡學習數學，建請 貴校推薦學生參加舉辦，歡迎共襄盛舉。請 鑒核。

說明：

- 一、袋鼠數學比賽為「全球規模最大的青少年國際數學挑戰」，適合所有程度學生參加，非少數資優學生專屬。
- 二、本會為鼓勵更多學生參與，設有免費方案。但本會礙於經費有限，無法負擔全部試務，所以另設有收費方案，協助試卷印製、成績輸入、獎狀印製等開銷。
- 三、本活動連續三年獲得「台北市教育局」、「高雄市教育局」擔任指導單位。2023年全臺灣共有172所學校舉辦袋鼠數學，22680位學生參加。

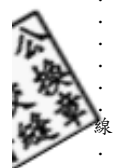


正本：全國各級學校

副本： 2024/02/16
電交 換章

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訂





2024 MATH KANGAROO TAIWAN

袋鼠數學競賽

活動計畫書



壹、活動宗旨：

數學是科學之母，中華數學協會長期在台灣推動競賽數學培育與承辦國際數學競賽，鑒於 IMO 以下的各大競賽均有一定的難度門檻，限制了大多數學生的參與，成為少數資優生專屬的活動。本會因此開始積極尋找一項能更普及推廣數學的活動。經由長期在國際競賽的良好口碑與優秀成績，2020 年通過層層審核與國際單位推薦，終於取得法國 Association Kangourou Sans Frontières（簡稱 AKSF）的授權，在台灣成立 MKT 加入 MATH KANGAROO 聯盟，並在台灣舉辦這項「全球最具影響力的青少年國際數學挑戰」。

（袋鼠聯盟在全球已有 98 個會員國，每年有超過 600 萬學生的參與活動）

貳、沿革：

1978 年澳大利亞的數學家首先提出了在澳洲舉辦競賽的想法，以強調數學的樂趣並鼓勵解決數學問題。1990 年兩位法國老師拜訪了澳大利亞並見證了他們的比賽經驗，他們決定在法國成立 AKSF，發起一項名為 Kangourou des Mathématiques 的挑戰，用「選擇題」進行數學比賽，做為向他們的澳大利亞同事致敬。由於比賽立即非常成功，他們隨即在不久之後將袋鼠數學這個活動傳遍到了全歐洲。

AKSF 強調數學的樂趣，並鼓勵解決數學問題，支持學校的數學教育以及促進社會對數學的積極認識，它有助於在青少年中普及和推廣數學，並確保這些數學活動吸引盡可能多的學生，而無需在國家之間進行任何國家競爭比較。

臺灣 MKT 在 2020 年成立，感謝「台北市教育局」、「高雄市教育局」連續三年擔任指導單位協助推廣到各學校，2023MKT 全台灣 172 所學校舉辦，22680 位袋鼠勇士參加。

參、特色：

袋鼠數學並非傳統的競賽數學，主要檢測學生「數學建模能力」、「視覺感知能力」、「閱讀理解能力」，並啟發學生的思想、毅力、創造力和想像力，每年由聯盟中的各國教授提供待初選的命題，在年中經過各國票選出正式題目。此外，袋鼠數學的題目有著豐富的圖象，能訓練年齡較低的孩子培養邏輯思考與視覺感知，所以在各國的小學低年級間蔚為風潮，讓各國孩子因此更喜歡學習數學。

肆、主(承)辦單位、指導單位及協辦單位

主辦單位：袋鼠數學聯盟（代表單位：法國 AKSF）

承辦單位：中華數學協會、OLPC 數學俱樂部、OLPC 資優教育基金會

伍、參加對象：

全國各縣市之公私立各級學校（國小、國中、高中）及職業學校在學學生。

陸、競賽資訊

一、競賽日期：

2024 年 03 月 25 日(一) ~ 04 月 12 日(五)

二、競賽地點：

由參與各學校自行於競賽期間選擇適合時間於校內舉辦。

三、競賽資訊：

A. 方案：免報名費

| 日期 | 內容 |
|-----------|---|
| 3/7 | 報名截止，學校須於截止日前將申請表及報名表回傳至協會 |
| 3/18 | 試卷(電子檔)、答題卷(電子檔)、含准考證之答題模板(excel 檔) 陸續以 mail 寄出至各校，請各校自行列印試卷、答題卷 |
| 3/25-4/12 | 2024 MATH KANGAROO TAIWAN |
| 3/25-4/28 | 參與各校須於試後 10 個工作日內，將學生試卷答題輸入至協會提供答題模板(excel 檔)內，以 mail 回寄至協會 |
| 6 月中旬 | 於協會官網公布獎項，並陸續將成績、排名、獎別以 mail 寄出至各校 |

B. 方案：報名費 300 元整。

| 日期 | 內容 |
|-----------|-------------------------------|
| 3/7 | 報名截止，學校須於截止日前將申請表及報名表回傳至協會 |
| 3/18 | 試卷箱(袋)陸續寄出至各校 |
| 3/25-4/12 | 2024 MATH KANGAROO TAIWAN |
| 3/26-4/15 | 參與各校須於試後 2 個工作日內將試題本及答案卡回寄至協會 |
| 6 月中旬 | 於協會官網公布獎項，並陸續將成績、排名、紙本獎狀寄至各校 |

注意事項：

1. 「A. 方案」免報名費

- (1)本會寄發試卷、答題卷的電子檔，請各校自行列印試卷、答題卷。
- (2)老師須將「學生試卷答題」輸入至「協會提供之答題模板」內，以 mail 回寄至協會。
- (3)本會後續只提供學生成績、排名。

2. 「B. 方案」報名費 300 元整

- (1)本會考試前一周會寄發紙本試卷、電腦卡、准考證(電子檔)。
- (2)成績公布後會寄送紙本獎狀至各校。

3. 「A. 方案」與「B. 方案」各校只能擇一，不得合併報考。

4. 「袋鼠數學學校考試」與「袋鼠數學個人考試(3/31 舉行)」學生只能擇一報名，不得重複報名。

5. 2024 年 4 月 20 日(六)前不得將試題外流。

四、競賽時程： 不分節，75 分鐘

五、報名費用：

A. 方案：**免報名費**

B. 方案：300 元整

[匯款資訊：玉山銀行(808)七賢分行 帳號：0299-940-018576
戶名：中華數學協會蔡坤龍]

六、舉辦資格：

1. 由校方統一報名參賽。
2. 該校須滿 30 位參賽學生方可於校內舉行。

七、報名方式：

| 報名方式(請一併提供特約考場申請表及報名表單) | |
|---|---|
| 特約考場申請表下載 https://reurl.cc/E4VA5g  | 由校方統一報名參賽。 填寫特約考場申請表及報名資料後傳至信箱， 並以LINE@或電話確認。 EMAIL：olpctoptop@gmail.com LINE@：@899tbbns 電話：07-2861414#301 |
| 學校報名表單下載 https://reurl.cc/Z1Y6V6  | |

八、競賽模式：(本次以報考年級分組排名)

| 年段 | 作答方式 | 配分方式 |
|--------|---|--|
| 一年級組 | 皆為選擇題， 於答案卷手寫作答 | 第 1~8 題 每題 3 分； 第 9~16 題 每題 4 分； 第 17~24 題 每題 5 分。 共 24 題，總分 96 分。 |
| 二年級組 | | |
| 三年級組 | 皆為選擇題， A. 方案於答案卷手寫作答 B. 方案以 2B 鉛筆畫卡作答 | 第 1~10 題 每題 3 分； 第 11~20 題 每題 4 分； 第 20~30 題 每題 5 分。 共 30 題，總分 120 分。 |
| 四年級組 | | |
| 五年級組 | | |
| 六年級組 | | |
| 七年級組 | | |
| 八年級組 | | |
| 九年級組 | | |
| 高中一年級組 | | |
| 高中二年級組 | | |
| 高中三年級組 | | |

九、獎勵方式：（評獎方式以全國參與學校參賽學生共同進行分級評獎）

| 獎項 | 獎勵內容 | 獎項說明 |
|---------------------|---|---------------|
| Perfect Award | B. 方案之參賽學生依對應獎項頒發紙本證書乙張。 | 該考生成績達滿分。 |
| Gold Award | | 該考生成績達全國前 5% |
| Silver Award | | 該考生成績達全國前 15% |
| Bronze Award | | 該考生成績達全國前 30% |
| Participation Award | | 參賽證書 |
| 備註 | ※未列前 30%之考生將頒發參賽證書，其餘得獎者不再頒發此證書。 ※若同分人數超過該獎項取獎比例則並列該獎項，下一獎項名額遞減。 | |

【傑出學校貢獻獎】

參與學校將另行頒發『台灣袋鼠聯盟傑出貢獻學校』證書乙張。

十、試題本團購

今年最新出版 2017~2023 歷屆試題本，預計於 3 月開始販售。每本售價 280 元，學校團購 20 本(含)以上，即可享有 7 折優惠。

- ▶ PreEcolier（適合小學 1 年級，小學 2 年級）
- ▶ Ecolier（適合小學 3 年級，小學 4 年級）
- ▶ Benjamin（適合小學 5 年級，小學 6 年級）
- ▶ Cadet（適合國中 1 年級，國中 2 年級）

如有訂購需求請填寫附件〈袋鼠試題本訂購單〉，回傳至

EMAIL: olpctoptop@gmail.com

LINE@: @899tbbns

十一、注意事項

務必於 2024 年 3 月 7 日前，完成所有報名手續。

為聯絡方便，關於袋鼠數學任何問題

請加入【袋鼠數學_聯繫窗口】LINE@詢問

Line@ID: @899tbbns

或來電 (07)286-1414#301 向本會查詢。



2024 MATH KANGAROO TAIWAN

The Largest Youth Math
Challenge in the world

3/25 - 4/12



Math Kangaroo



Chinese Mathematics
Association



OLPCS MATH CLUB

2024 袋鼠數學台灣 特約考場申請表



【活動流程】

1. 申請截止日：113/03/07(四)
2. 申請條件：該校考生須滿 30 人 以上，方可申請特約考場。
3. 報名費用：A. 方案-**免報名費**
B. 方案-每位 300 元 [匯款資訊：玉山銀行(808)七賢分行 帳號：0299-940-018576]
4. 考試日期：113/03/25(一) ~ 113/04/12(五) (※校方自行擇合適時間進行應考)。
5. 考試時間：不分節，共 75 分鐘
6. 試卷提供：03/18 起將試題卷(電子檔)或試卷箱(袋)陸續寄出至各校。
7. 試卷回收：A. 方案-請於試後 10 個工作日內，將試卷答題輸入至含准考證之答題模板 mail 至協會
B. 方案-請於試後 2 個工作日內，將試題卷及答案卡寄回至中華數學協會
(地址：800 高雄市新興區中山一路 263 號 4 樓)。

| | |
|--|---|
| 學校名稱及地址： | |
| 考試日期：113 年 ____ 月 ____ 日 | 選擇方案(只能擇一)： <input type="checkbox"/> A. 方案 <input type="checkbox"/> B. 方案 |
| 經辦老師： | 連絡電話： |
| E-Mail： | 報考人數：____ 人 |
| 備註： 1. 本表及報名資料請於 2024 年 03 月 07 日(四)前回傳予中華數學協會。 2. 若有任何問題請電洽中華數學協會(07)286-1414#301 3. 本表及報名資料請填寫完整，否則視為未報名成功。 | |

【注意事項】

1. 因特約考場需有前置作業時間，請學校單位務必於 113 年 03 月 07 日前，回傳該校完整報名資料及特約考場申請表。
2. 須自行安排老師為監考人員；並於活動當日，於考場錄製 1 分鐘影片及拍 5-10 張照片回傳至中華數學協會 (E-mail：olpctoptop@gmail.com)。
3. 選擇 A. 方案者：中華數學協會提供試題卷(電子檔)、答題卷(電子檔)、含准考證之答題模板(excel 檔)，**試題卷、答題卷**請各校自行列印。
選擇 B. 方案者：中華數學協會提供試題卷、答案卡及紙本參賽證書。
4. 協會方不提供監考費用及試卷回寄費用。
 是，已閱讀並同意接受此份文件之所有內容。
 否，不同意上述內容。

校 名：_____

經辦老師：_____



2017~2023 歷屆袋鼠數學

試題本訂購單



訂購單位：

<訂購數量>

每本售價 280 元，數量達 20 本(含)以上，團購 7 折優惠，未滿 5 本需另付運費 80 元

| | |
|---------------------------------|---|
| PreEcolier 適合小學 1 年級，小學 2 年級 | 本 |
| Ecolier 適合小學 3 年級，小學 4 年級 | 本 |
| Benjamin 適合小學 5 年級，小學 6 年級 | 本 |
| Cadet 適合國中 1 年級，國中 2 年級 | 本 |
| 總費用 | 元 |

<寄送資料>

收件人：

連絡電話：

收件地址：

<付款方式>

請協助匯款至下面帳戶：

玉山銀行七賢分行

代碼：808 帳號：0299-940-018509

戶名：奧林匹克文化事業股份有限公司

請於匯款後提供轉帳帳戶後五碼或明細，以供查帳。

<注意事項>

1. 請將此表回傳至 EMAIL: olpctoptop@gmail.com 或 LINE@: @899tbbns
2. 收到款項後，試題本預計於 3 月初後開始進行配送
3. 如學校無法協助團購，學生個人可至蝦皮賣場進行購買。
蝦皮賣場：<https://shopee.tw/olpcsales>

| 序號 | 中文姓名 (必填) | 英文名 (必填) | 性別 (必填) | 西元出生年月日 | E-mail郵箱 | 郵遞區號 |
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