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# Math Kangaroo Asia Championship

An International Math Gathering for Gold Medal students!

- An exclusive Advanced Round of Math Kangaroo
- 2,000 Math Kangaroo high achievers from over 10 countries gather on the tropical island of Hainan
- 4 full days of diverse math activities - from challenges and presentations to a vibrant Math Bazaar
- Top mathematicians and distinguished coaches are invited to share their insights, problem-solving strategies, and mathematical inspiration
- Building teamwork and leadership skills through the joy of problem-solving

Date: Jul. 15, 2026 – Jul. 20, 2026 (6 days)

Location: Boao, Hainan Island, China

Language: English & Chinese

Deadline: May 17, 2026



Math Kangaroo fosters students' confidence and interest through lively, engaging problems. Open to all grades and skill levels, it has grown into one of the world's largest international math enrichment events for youth. To promote the elites' communication, deepen the dissemination of the "Association Kangourou sans Frontières", and aim to nurture future mathematicians, Math Kangaroo hosts the International Camps globally every summer, inviting participants who achieve gold award. Being selected to the Math Kangaroo Camp will be a very rare international honour and a very exciting maths learning experience to the participants. The content modules of Math Kangaroo International Camps across continents are generally consistent, with slight adjustments based on the mathematical resources of the host country.

## Math Kangaroo Asia Championship



The 2026 Math Kangaroo Asia Championship will be held in a tropical island in a resort at Hainan, China, welcoming gold medalists and above from across Asia and beyond; including **China, Malaysia, Vietnam, Thailand, Singapore, South Korea, Turkey, and the U.S.**

Last year's Championship brought together more than 2,000 top performers from China and participants from regions across Asia, Africa, Europe, and North America.

## Asia Math Elite Conclave: Asian Gold Medalists Converge in Boao



**Top mathematicians and distinguished coaches invited to share their insights, problem-solving strategies, and mathematical inspiration .....**

**Dr. Meike Akveld**

President of the Association Kangourou sans Frontières (AKSF) | President of Kangaroo Switzerland Association | Vice President of World Federation of National Mathematics Competitions (WFNMC) | Professor at the Department of Mathematics, ETH Zürich | Co-Chair of the GoMath Committee at the Department of Mathematics, ETH Zürich



**Dr. Chris Wetherell**

Chief Mathematician for the Australian Maths Trust | The Member of the Challenge Committee, AMC Primary Problems Committee, Senior Problems Committee and CAT Committee



**Dr. Geoff Smith MBE**

Former Chair of the British Mathematical Olympiad (BMO) Academic Committee | Head Coach of the British Mathematical Olympiad National Team | Recipient of the Member of the Order of the British Empire (MBE) honor | Former President of the International Mathematical Olympiad (IMO)



**Robert Geretschläger**

A member of the Board of AKSF (the Association Kangourou sans Frontières) | The President of the Austrian Math Kangaroo Association | The President of the WFNMC (World Federation of National Mathematics Competitions) | The Deputy Leader or Leader of the Austrian team at the International Mathematical Olympiad from the year 2000 until 2023 | Responsible for the introduction of the Math Kangaroo in Austria in 1996



**1**• • • • • **Math Challenges: International Competition** • • • • •

Compete with math enthusiasts all over the world! Students tackle multi-format math challenges with separate scoring per round. Top-tier participants (by ranking percentile) qualify for exclusive Kangaroo Asia Camp Challenge Medals at the awards ceremony. In this clash of titans, who will seize the moment of glory?

**Individual Round**

The individual round provides opportunities for each student to showcase their talents, fostering their confidence and independent thinking abilities. Students will individually solve a series of mathematical questions or challenges within a limited time. This is not just about simply learning mathematical knowledge but also provides an opportunity to experience the practical applications and joys of mathematics in everyday life.

**Team Round**

Call the collective wisdom into full play! Students will form teams of 4 with other awardees (full marks or gold awards). Within a limited time, they will undertake challenges from problem-solving to puzzles, seeking a chance for awards, which not only test students' mathematical abilities but cultivate their teamwork, communication, and problem-solving, laying a solid foundation for their future learning and life endeavors.

**Cross Number**

A unique team-based competition where four-member teams are divided into two subgroups: one deciphers vertical clues, the other tackles horizontal clues. Through cross-referencing clues to form solutions, this challenge rigorously tests real-time communication and strategic collaboration among teammates.



**1**

••••• **Math Challenges: International Competition** •••••



**Guts Round**

Guts Round, following the classic format of the Harvard-MIT Mathematics Tournament, is an intense battle against time, aiming to test the team's quick response and efficient problem-solving abilities. There are 9 sets of questions, each containing several questions. Teams can only access the next set after completing and submitting a set. The scoreboard will be updated in real time. To achieve better results, team members need to brainstorm, completing each set of questions as fast as possible.



**Examples of Math Challenge Questions**

■ **Questions Close to Life**

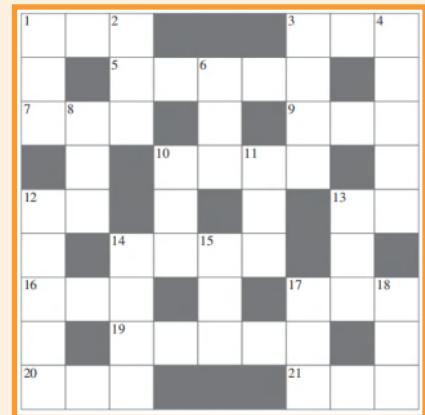
John is in a race that takes him 30 minutes to complete. After he has started, his smartwatch reports his heart rate to him every 2 min 20 sec. How many times does his smartwatch report his heart rate, during the race?

\* Example of Junior Group

■ **Diverse Problem-Solving Forms**

Complete the puzzle based on the clues on the crossboard and the answers of your teammates

\* Example of Intermediate Group



Guts Scoreboard  
0:08:02

Leaderboard				Scoreboard (page 3 of 6)			
Team	Score	ID	Team	Score	ID	Team	Score
	132	050	40	061			13
	132	051	0	062			34
	132	052	84	063			40
	132	053	40	065			84
	132	054	84	066			0
	132	055	40	067			84
	132	056	84	068			34
	132	057	40	069			34
	132	058	132	070			84
	132	059	40	071			34
	132	060	40	072			34



**2**


••••• **Masterclasses: Immersive Math Learning** •••••

Ditch the textbooks, disrupt the routine! Guided by mentors, students dive into collaborative quests, gaming arenas, and presentation showdowns—pushing logic to its limits. Every participant becomes a Math Explorer, crafting solutions in real-world scenarios. No passive learning here: ignite creativity, unlock potential, and wield the magic of mathematics!


**Past Fun Themes Reference | More Themes Await Your Exploration This Year!**



**Cross Math**  
Board game, math match all-around




**Math Magic**  
Think logically and become a math magician




**Puzzle Game**  
Classic math puzzles with many variations



**Knot Theory**  
Explore topology with a wide range of applications



**Chroma Forms**  
Permutations and combinations in cards



**Probability Theory in Life**  
Who is the future prophet

\* Workshop topics between divisions will be coordinated according to difficulty, based on the pre-trip schedule.



**3**

••••• **Math Oddities Expo: Unleash Your Math Magic!** •••••



Showcase Math in Your Way! The Math Kangaroo Asia Championship Committee will unveil the Math Oddities Expo theme two weeks prior to the event. Students can demonstrate mathematical mastery through multimedia, art, models, or posters.

**Topic Inspirations**



Symmetry and Flip  
in Geometry  
through Paper-cutting



Fibonacci Series  
in Nature



Solving the  
Hannukah Tower Problem  
with Programming



Math and PE:  
Soccer Shot Angles for  
Different Positions

**4**

• • • **Math Social: It Turns Out Math Can Be So Much Fun!** • • •



**Math Carnival**

Every site is a fascinating mini-math challenge for both mental and physical exercises. Collect stamps to win kangaroo Prizes at each site!

- Make 24
- Fast Finger
- Math Bingo
- Sure Shot
- Tic-Tac-Toe
- Math Maze



**Team Show**

In the form of a team, students designed catwalk clothes around the topics of the Asia Camp of that year, showing the creativity and spirit of the team.

2024 Topics:

- Kangaroos and geometry

2025 Topics:

- Announced two weeks before the event



# Math Kangaroo Asia Championship Agenda

Date	Morning	Afternoon	Evening
Jul. 15	Pickup at HAK / BAR / Bo'ao High-speed Railway Station, Arrive and Check in		
Jul. 16	Opening Ceremony and Guest Speeches Individual Round	Team Ice-breaking Math Carnival	/
Jul. 17	Team Round	Math Workshop 1 Math Workshop 2	Team Show
Jul. 18	Guts Round	Preparation for Math Bazaar	Talent Show + Gala Party
Jul. 19	Math Bazaar	Talent Show Closing Ceremony and Award Ceremony	/
Jul. 20	Tour Trip: Rainforest ecological conservation and natural exploration		
Jul. 21	Tour Trip: Nanshan Cultural Tourism Zone	Departure, Return to the Airport (HAK, BAR)	

\* The schedule may be slightly adjusted according to student's group, with the final schedule subject to pre-trip arrangements.

# Math Kangaroo Asia Championship Awards

## Awards of Individual and Group Challenges

- Top Gold: Top 10%
- Gold Award: Top 30%
- Silver Award: Top 50%
- Bronze Award: Top 80%

\* Individual Round, Team Round and Guts Round will be awarded by different divisions.

## Awards of Math Activities

- Math Star: Top 30% in Math Bazaar for Teams
- Talent Show Award: Students selected for the Talent show

\* Call for Talent Show links will open two weeks before registration closes.

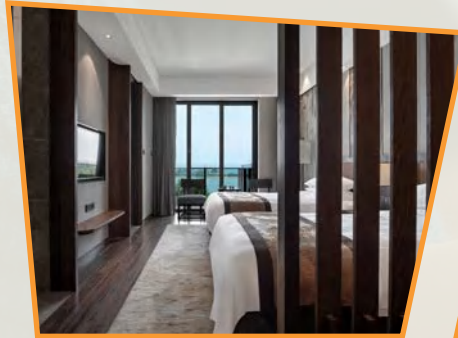
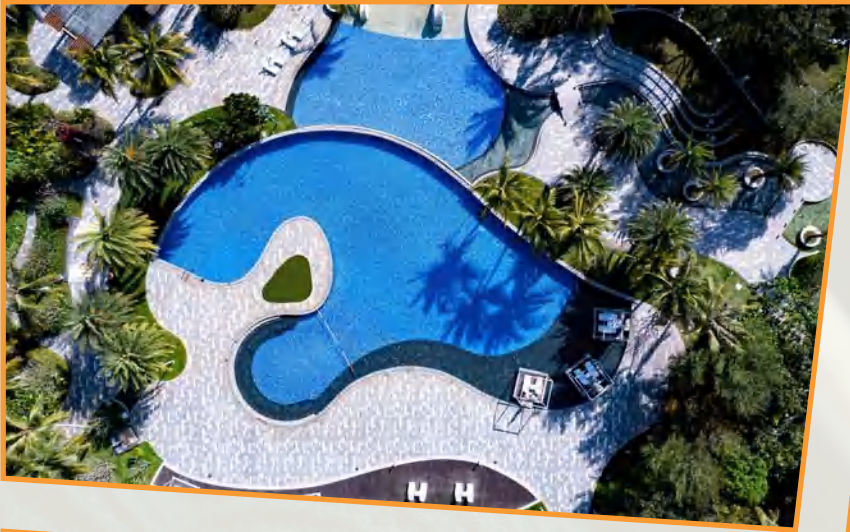
\* The prizes of the Math Carnival and Math Trail can be redeemed at the event.





## Math Kangaroo Asia Championship **Aca-Fam Vacation Duet**

■ **Asia's Top Resort** (Boao Forum for Asia Hotel & Boao Forum for Asia Dongyu Island Hotel)



## Math Kangaroo Asia Championship **Registration**

**Date:** Jul. 15, 2026 - Jul. 20, 2026 (6 days)

**Deadline:** May 29, 2026

**Location:** Boao, Hainan Island, China

**Eligibility:** Students in grades 4-8, who achieve gold or above awards. The camp will be divided into three groups: Junior (Grade 4), Intermediate (Grade 5-6), and Senior (Grade 7-8)

**Team Requirements:** 4-member teams, students in the same group can team up together, not cross-group teams.



Math Kangaroo Asia Championship  
Recap Video



**Student Gao, Student Yang  
Student Li, Student Xv**



**Shanghai West Yanan  
Middle School**

■ **Student Gao**

My favorite 9×9 challenge demands dynamic math application and puzzle-solving logic—unlocking grids through sequential clue discovery, testing both knowledge and deductive skills.

■ **Student Li**

The challenges here blend real-life scenarios with mathematical principles. Our team collaboration soared—individual hurdles became group wins through shared insights, pushing our accuracy to new heights.



**Student Zhao**



**Zunyi No. 4 Experimental  
Junior High School (Binhu  
Middle School)**

Participating in Kangaroo Asia Camp enhanced my math skills through its creative, open-ended problems (unlike rigid school exercises) and expanded my perspective. Additionally, the pan-Asian nature of the event strengthened my cross-cultural communication skills by collaborating with peers from diverse backgrounds. My experience at the Asia Camp was deeply enriching—it didn't just teach math, but wove it into exciting games that made learning feel like an adventure.



**Student Liu**



**Dongguan Laguna Verona  
Foreign Language School  
(Middle School)**

I loved the innovative, high-stakes team relay challenges—they pushed my limits. Asia Camp didn't just sharpen my math skills; the intense team rounds transformed how I communicate. By blending fundamental math with unique formats, it sparked our thinking in unexpected ways.



**Student Liu  
Student Xv**



**Middle School Attached to Northeast  
Normal University (Mingzhu Campus)**



**Student Ma**



**Tianjin Wuqing Liuli School**

■ **Student Liu**

In the probability workshop, I learned to use tree diagrams, which gave me a method to analyze problems. Then, in the knot theory session, I discovered fields beyond traditional geometry and algebra. This made me realize how mathematics permeates every aspect of life, often appearing where we least expect it.

\* Math Kangaroo Asia Championship Location: Boao, Hainan Island, China

