



Association Kangourou sans Frontières member



INTERNATIONAL KANGAROO MATHEMATICS COMPETITION

2025 - QATAR



COMPREHENSIVE GUIDE TO THE INTERNATIONAL KANGAROO MATHEMATICS COMPETITION 2025 - QATAR

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INTRODUCTION TO THE INTERNATIONAL KANGAROO MATHEMATICS COMPETITION (IKMC) 2025

It is with immense pride and excitement that we invite your esteemed institution to participate in the inaugural **International Kangaroo Mathematics Competition (IKMC) 2025** in Qatar.

As one of the world's largest and most prestigious mathematics competitions, conducted in over 120 countries with millions of participants annually, the IKMC is more than just a competition—it is a global celebration of intellectual curiosity, critical thinking, and academic excellence. **This historic event marks Qatar's first hosting of the IKMC**. For more details about participating countries, please visit the <u>Association of Kangourou Sans Frontières website</u>.

The **IKMC** is a yearly global competition; the largest school mathematics competition in the world, aimed at fostering critical thinking, problem-solving skills, and a love for mathematics among students across all academic levels. Through creative and engaging problem sets, IKMC inspires students to explore mathematics in a deeper and more meaningful way, moving beyond rote memorisation and standardised exam preparation. By participating, students enhance their intellectual capacity and develop key skills necessary for future academic and professional success.

Acumen Educational Consultancy, as the official representative of the **Association of Kangourou Sans Frontières (AKSF)** in Qatar, is proud to bring this global initiative to the nation. The competition aligns closely with the **Ministry of Education and Higher Education's Vision 2025** and supports **Qatar National Vision 2030**, which emphasises the development of a knowledge-based society and the cultivation of critical thinkers and problem solvers.

This competition provides not only an intellectually stimulating platform for students but also a valuable opportunity for schools to reinforce their commitment to educational



excellence and global competitiveness. It highlights Qatar's dedication to fostering a generation of future leaders equipped with the skills to thrive in a globalised world.

Join us in making history as we launch the **International Kangaroo Mathematics Competition (IKMC) 2025** in Qatar, inspiring students to ignite their passion for mathematics and achieve their full potential. We look forward to your institution's maximum participation in this exciting and impactful event.

We kindly request that all interested students from Grades/ Years 1-12 be given the opportunity to participate in this competition, regardless of their academic performance. AKSF upholds a strict no-discrimination policy, and we strongly advise that participation be made accessible to all students.

IMPORTANT DATES:

LAST DATE TO REGISTER: 13 MARCH 2025

COMPETITION DATE: 21 APRIL 2025

RESULT ANNOUNCEMENT: 26 MAY 2025

FEE: QAR 100 / STUDENT



KEY BENEFITS OF PARTICIPATING IN IKMC

For Students:

Enhancement of Critical Thinking and Problem-Solving Skills

The IKMC offers students the opportunity to solve complex, creative, and multistep mathematical problems, which help them develop critical thinking skills. These skills are not only beneficial for academic performance but also for real-life situations where problem-solving is essential. Students learn to approach challenges from different angles, boosting their overall cognitive development.

Improved Performance in Standardised Tests

Participation in the IKMC is proven to enhance performance in standardised entrance exams for higher education. By practicing with high-level mathematical problems, students improve their analytical skills, which are key to excelling in academic entrance exams like and university-level assessments.

Boost in Academic Confidence

Conquering the challenges posed by the IKMC gives students a strong sense of accomplishment, significantly boosting their academic confidence. This sense of achievement motivates students to pursue higher academic goals and take on more rigorous challenges, both in mathematics and other subjects.

Global Recognition and Opportunities

IKMC is an internationally recognised competition. Students who excel in the competition have the chance to be acknowledged on a global stage, making them stand out when applying for scholarships, internships, and academic programs. It serves as a *great addition to students' academic portfolios*, demonstrating their ability to tackle complex subjects under pressure.

• Fostering a Love for Mathematics

Unlike traditional learning methods that often focus on rote memorisation, IKMC emphasises understanding and creative problem-solving, making mathematics enjoyable for students. The competition provides a unique, game-type learning



experience that fosters a love for the subject and encourages students to explore mathematics beyond the classroom.

KEY BENEFITS OF PARTICIPATING IN IKMC

For Schools:

Enhancement of Institutional Reputation

Schools that participate in the IKMC gain recognition for promoting a culture of academic excellence and innovation. By engaging students in an international competition, schools position themselves as institutions that encourage critical thinking, problem-solving, and a deeper understanding of mathematics. This enhances the school's image and reputation both locally and globally.

Promoting Excellence in Mathematics

Schools that actively encourage participation in the IKMC demonstrate their commitment to fostering a deep understanding and appreciation of mathematics. This is an excellent opportunity to highlight and promote the importance of STEM (Science, Technology, Engineering, and Mathematics) education within the school community. Schools can celebrate students' achievements and motivate others to pursue excellence in mathematics.

Building a Competitive Academic Culture

IKMC creates a healthy, competitive environment in schools, encouraging students to strive for higher academic performance. The competition fosters teamwork among students, who may collaborate in preparing for the event, sharing ideas and solving problems together. This collaborative environment builds school spirit and a sense of camaraderie among students.

Recognition for Achievements

Schools can celebrate the success of their students who perform well in the IKMC by showcasing their achievements at school events, through social media, and in local or national media. The recognition students receive serves as a morale booster and encourages a culture of excellence across the institution.



FREQUENTLY ASKED QUESTIONS (FAQS) & GENERAL INFORMATION

1. Who can participate in IKMC?

The IKMC is open to students in grades 1-12 from all public schools, private schools and educational centres in Qatar. The competition is designed to cater to students at various grade levels, providing challenges appropriate to each level, from primary, preparatory through secondary level. All students including Qatari students and non-Qatari students may participate in the competition. All participating students have something to gain from IKMC therefore we suggest schools not to withhold any student from participating in the contest.

2. How can I register for the competition?

Schools and educational institutions are required to register students through the official registration portal. Individual students cannot register themselves; the registration must be completed through the school/ educational institute administration. Schools should log in to their profile, select IKMC under the "Competitions" section, add the students, and make the payment. For further details on the registration process, please refer to the "Registration Procedure" section of this document.

3. What is the cost of participation?

The participation **fee is QAR 100** per student. Schools are responsible for collecting the payment from students and making the payment for all students participating from their institution.

4. What are the contest categories, and how are they divided?

O The IKMC is divided into six categories based on the grade levels of students:



- Pre-Ecolier (Class 1–2)
- **Ecolier** (Class 3–4)
- **Benjamin** (Class 5–6)
- **Cadet** (Class 7–8)
- Junior (Class 9–10)
- **Student** (Class 11–12, grade 13 included for British schools)

Each category is designed to challenge students appropriately according to their grade level, ensuring that all participants are given an opportunity to excel.

5. What is the date, location and duration of the competition?

The competition will take place on **21st April 2025 in Qatar**. The competition is held **at your school/ educational institute** under the supervision of the Principal or designated Co-ordinator by the Principal. The exam duration for IKMC is **120 minutes**, allowing students sufficient time to complete all questions. The start time will be 10:00 AM or as decided by institute management and communicated to us (must be held within working hours of the school). Students must complete marking their answers within the specified time frame.

6. Is there any specific preparation required for the competition?

While there is no official study guide, students are encouraged to practice problem-solving and familiarise themselves with the types of questions featured in previous years' papers. Schools may choose to provide additional resources or hold practice sessions to help students prepare. To view past papers of IKMC, visit https://www.kangarooqatar.org/IKMC and scroll down to "Downloads - IKMC Qatar".



7. Can students use calculators during the competition?

No, calculators or any other electronic devices are not allowed during the competition. Students are expected to rely on their mathematical knowledge, logical reasoning, and problem-solving skills to complete the exam. Basic geometrical instruments may be used.

8. How is the competition structured?

- O The IKMC is a single round competition.
- The competition consists of **multiple-choice questions (MCQs)**, where each **question has 5 possible answers.** For grades 1 to 4, there are a total of 24 questions. For grades 5 to 12, there are a total of 30 questions. Students must select the correct option by marking the appropriate bubble on their separate answer sheets. It is crucial that students mark their answers clearly and correctly, as per the instructions provided on the answer sheets.

9. Can students leave the examination room early?

O Students are not allowed to leave the examination room during the first hour of the exam. After the first hour, students may leave but will not be permitted to re-enter the room once they leave. This rule is in place to ensure the integrity and security of the competition.

10. What happens if a student misses the competition?

If a student is absent on the day of the competition, their absence must be recorded on the answer sheet. Unfortunately, there are no provisions for rescheduling or make-up exams, as the competition is a global event and must adhere to strict timelines and must only be conducted on the provided date.



11. How will results be graded communicated?

After the competition, results will be graded, and certificates will be awarded based on performance. Schools will be notified of the results after 30 days of the competition via email and through their school portal on our website. The certificates and medals will be sent to respective schools 2 weeks after result announcement. Students are awarded based on performance as follows:

(Score 95% or above)
(

- Silver Medal (Score 85% or above)
- **Bronze Medal** (Score 75% or above)
- **3 Star Badge** (Score 65% or above)
- **2 Star Badge** (Score 55% or above)
- 1 Star Badge (Score 40% or above)
- Certificate of Participation (Below 40%)

12. What is the language of the competition?

O The competition questions will be in both Arabic and English.

13. What should schools do after the competition?

After the competition, schools should ensure that all completed answer sheets are submitted to Acumen Educational Consultancy for grading (via post mail, delivery or in required scanned format. The answer sheets should be submitted as per the guidelines mentioned in the "Code of Conduct for Schools" section. All the question booklets should be given to the students to take home. For more information, email us at info@kangaroogatar.org



REGISTRATION PROCEDURE

To register for the IKMC, schools need to follow the steps outlined below:

1) Register Your School

Schools must create an account using an official school email and provide necessary details, such as the school's address, contact numbers, and the principal and coordinator's information. Click here to register your school:

https://enrollments.kangaroogatar.org/register

2) Login to School Profile

After registration, schools should log in using their created account to manage registrations. Click here to login to an existing school profile:

https://enrollments.kangarooqatar.org/

3) Select the Contest

Schools should select the **IKMC** under the **"Contest"** section of their dashboard.

4) Add Students

Schools must add students by entering their name, grade/class, and guardian's details. Once all students are added, you may proceed to payment.

5) Make Payment

The total amount (QAR 100 per student) must be paid by the school to the provided bank account via deposit or online transfer. Please find below account details for payment:



Bank:	UNITED BANK LIMITED
Branch:	CORNICHE BRANCH (0908)
Account title:	ACUMEN EDUCATIONAL CONSULTANCY
Account No:	400125974
IBAN No:	QA27 UNIL 0000 0000 0000 4001 2597 4
Swift Code:	UNILQAQA

6) Attach Proof of Payment

Proof of payment must be attached on the online portal under contest after adding the students.

7) Submit and Check Confirmation

After submission, the school will receive a confirmation email with all the participation details.

For further assistance with registration, schools can contact info@kangarooqatar.org



CODE OF CONDUCT FOR COMPETITION MANAGEMENT:

- 1. **Preparation for the Examination**: Schools must ensure that the competition materials are received, stored, and opened as per the instructions. The head of the institution must act as the chief examiner.
- 2. **Invigilation**: Adequate supervision is required, with one invigilator per 30 students. Invigilators must be part of the school's teaching faculty.
- 3. **Student Conduct**: Students should arrive at least ten minutes before the competition, bring only authorised materials, and ensure their electronic devices are switched off and stored away.
- 4. Examination Procedures: The competition starts promptly at 10:00 AM. For schools holding the competition at a different time must inform the decided time at info@kangarooqatar.org. Competition must be held on 21st April 2025 within working hours of the school and no late participation should be accepted. Students will have up to 120 minutes to complete the competition. Any absence or early departure should be noted.
- 5. **Post-Examination**: All answer sheets must be submitted to the organisers for grading via post mail, delivery or as scanned jpeg images. Schools must follow the protocol for submitting completed answer sheets. Further details about answer sheet submission shall be provided in the detailed instructions document before contest.



ADDITIONAL RESOURCES

For general enquiries: info@kangarooqatar.org Phone +974 4452 7987

Director Outreach for schools: khan@kangarooqatar.org Phone +974 5185 9888

For call enquiries and support requests in Arabic: +974 4452 7987

View Website in Arabic:

https://www.kangarooqatar.org/ar/ikmc

View Website in English:

https://www.kangarooqatar.org/ikmc

View Past Papers of IKMC:

https://drive.google.com/drive/folders/1nbgp6c7dZztk6-sMaxW9LIIRX4hmxmXu



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Conducted in 120 countries







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