

Tangents

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KMC 2015 A HUGE SUCCESS ; WHAT'S NEW IN KMC 2016?

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Tuan, KEBERNAN MENGANJURKAN PERTANDINGAN KANGAROO MATHEMATICS COMPETITION (KMC) Dengan segala hormatnya perkara di atas adalah diunjuk: 2. Setelah meneliti permohonan yang dikemukakan, sukacita dimaklumkan bahawa Bahagian Kokurikulum dan Kesenian (BKK), Kementerian Pendidikan Malaysia (KPM) tiada halangan untuk pihak tuan menganjurkan Pertandingan <i>Kangaroo Mathematics Competition (KMC)</i> - Pihak KPM juga bersedia untuk memberikan kerjasama di mana perlu untuk kelancaran program tersebut. 3. Welaubagaimanapun, pengajuran program tersebut adalah tertakluk di bawah Surat Pekeliling Iktisaa Bli. 9/2004, Ruj.KP(BS)8691/Jld.XVII(9) bertarikh 16 September 2004 - Panduan Penglibatan Murid-murid Sekolah Dalam Program Atau Aktiviti Anjuran Agensi-agensi Selain Daripada Agensi Di Bawah Kementerian Pelajaran Malaysia. 4. Sehubungan itu, pihak tuan hendaklah mengambil maklum dan mematuhi perkara-perkara berikut: 4.1 program yang dilaksanakan hendaklah tidak bertentangan dengan semua dasar kerajaan dan dasar KPM; 4.2 kebenaran daripada Pengarah JPN dan Pengetua/Guru Besar hendaklah diperolehi terlebih dahulu sebelum mengadakan sebarang program di sekolah atau yang melibatkan penyertaan guru dan murid; 4.3 penyertaan murid dan guru hendaklah tidak mengganggu atau menjejaskan proses pengajaran dan pembelajaran mereka; 4.4 setiap murid perlu mendapatkan kebenaran ibu bapa melalui Pengetua dan Guru Besar masing-masing.	



KEMENTERIAN PENDIDIKAN MALAYSIA

ENDORSEMENT BY KPM

The year 2015 ended with a good news for KMC: the Ministry of Education Malaysia (KPM) has given its endorsement for the KMC to be held in future years. They also supported other programs such as the KMC Teachers Conference and KMC Road Tour.

Hopefully in 2016 there will be more participations from schools around the country. Our appreciation to KPM, especially Bahagian Kokurikulum dan Kesenian for trusting KMC team to continue our work for the benefit of our students.

AKSF ANNUAL MEETING AND VISIT TO FRENCH KANGOUROU

Kangaroo Math Malaysia participated in the AKSF Annual Meeting that took place in Gothenburg, the second-largest city in Sweden, from 14 to 18 October 2015. Malaysia was first accepted as a provisional member of AKSF during the 2012 meeting that took place in Protaras Beach, Cyprus. Since then, Malaysia have participated in the 2013 and 2014 meetings that took place at Edinburgh and Puerto Rico, respectively.

Representing Kangaroo Math Malaysia to the meeting is the Director, Mr. Suhaimi Ramly. During the General Meeting, Malaysia was proposed to become a full membership by the AKSF board, due to our track record of running the KMC contest successfully for three consecutive years. The motion was tabled by the AKSF Board for voting by the members. This motion was accepted unanimously, so Malaysia is now a full AKSF member. Also received full memberships were Tunisia and Chile.

After the workshop, a mini-conference was held, with speakers from various countries sharing their experience running math contests and activities in their respective

countries. Mr. Suhaimi gave a presentation on the KMC Teachers Conference that was held from August to September in four cities: Kuantan, Batu Pahat, Ipoh and KL.



Mr. Suhaimi with Andre Deledicq (left) and Jean-Philippe Deledicq

The AKSF meeting was adjourned in the afternoon of 18 October. The Malaysian delegation then made a side visit to Paris to pay respect to Prof. Andre Deledicq, the founder of Kangaroo Math, and to visit the French Kangaroo headquarter in Paris, which is the birthplace of the Kangaroo movement. The delegation was received at the Kangaroo office at 12 Rue de l'Epée de Bois by Prof. Deledicq and his son (and current manager of France Kangaroo) Mr. Jean-Philippe Deledicq.

KMC ALBUM



KMC Teachers Conference in KL attracted more than 60 math teachers from 32 schools, including from Sabah & Sarawak.



Mr Suhaimi, Mdm Choo Sook Fun from SMK USJ 12 and SISC+ coaches doing special Kangaroo pose after the conference.



KMC Teachers Conference in Batu Pahat attended by 13 math teachers. Small number of participants but a very successful event.



Dr Yunus Yasin of ASTI, presenting a very interesting topic on Science Fair for Young Children.

KMC 2015 TEACHERS CONFERENCE

KMC 2015 Teacher Conference was held from August until September in 4 cities: Kuantan, Batu Pahat, Ipoh and Kuala Lumpur. The conference took place for 2 days, and all teachers from participating schools were invited.

In 2016, the Teachers Conference will be held at a central location in KL (exact

venue to be announced), tentatively on 9-10 April 2016. Kangaroo Math Malaysia will invite teachers from Malaysia and other countries to participate, and perhaps to share their knowledge and experience in one of the sharing sessions. Through this conference, we hope that mathematics teachers and other enthusiasts will get fresh insights and ideas from the speakers.

KMC 2016 AWARD CEREMONIES

Award ceremonies for Kangaroo Math Competition 2016 medallist will be held throughout the month of August. Due to the high expected number of participants, unfortunately we are not able to cater for all medallists in the award ceremonies, as we did in previous years. Therefore, the award ceremony will be held for gold medallist only.

Every participant will receive a certificate of participation jointly issued by the AKSF, signed by the Chairman of the

Board, Dr. Gregor Dolinar, Kangaroo Math Malaysia and Kementerian Pendidikan Malaysia. Top scorers in the competition will receive special awards.

For the record, the numbers of participants / schools were:

KMC 2013 (10,086 participants, 356 schools)

KMC 2014 (19,606 participants, 560 schools)

KMC 2015 (26,778 participants, 696 schools)

KANGAROO MATH ROAD TOUR 2016



This year, Kangaroo Math Malaysia is launching a new project: a Kangaroo Road Tour where a Kangaroo team will visit schools throughout the country to organize math events. During the Road Tour, we will provide free programs to schools, including problem solving workshop and mathematical games.

We will try our best to accommodate all invitations - however, we might not be able to accept all invitations due to time or logistical restrictions. In which case we apologize and we do hope to visit you sometime in the future.

How to invite us for Kangaroo Road Tour 2016?

- Fill in the form at <http://www.kangaroomath.com.my/register-now/> OR
- Email us at info@kangaroomath.com.my

BEAVER COMPUTATIONAL THINKING COMPETITION



What is BCTC?

The Beaver Computational Thinking Competition (BCTC), a part of the international Bebras effort, is an online competition that introduces computational thinking and logical problem solving to students. BCTC is the sister contest to the Kangaroo Math Competition. The BCTC in Malaysia is supported by Multimedia Development Corporation (MDEC), an agency under the Ministry of Communications and Multimedia Malaysia.

The first Bebras competition was started in Lithuania in 2004 (the word 'Bebras' means beaver in Lithuanian), founded by

the prominent educator, Prof. Valentina Dagiene, who is a professor of informatics at Vilnius University.

As of 2014, Bebras competitions have been held in 34 countries with more than 900,000 participants. For more details about the Bebras initiative, visit www.bebras.org.

The contest was held for the first time in Malaysia in 2015. There were 3,173 participants from 187 schools taking part. Previously, the contest was called Beaver Informatics Competition, but it has since been rebranded to reflect the importance of computational thinking among students.

You may visit our website at www.beaver.my for information. BCTC 2016 registration will be open in February 2016. Let's participate!

BEBRAS MEETING IN AUSTRIA



Participants from 34 countries attended the International Bebras Conference 2015 in St. Polten, Austria.

Malaysia's involvement in Bebras first competition was in 2014. Malaysia is one of the few Asian countries that are involved in Bebras, along with Japan, Kazakhstan and Taiwan. The Malaysian Beaver organizer

sent a delegation of three to the International Bebras Conference 2014 that took place in Vilnius, Lithuania.

In 2015, Malaysia sent 4 representatives to St. Polten, Austria to review and select the problems (called Beaver Tasks) to be used during the 2016 competition. The Malaysian representatives submitted three Tasks and all of them were selected to be used in the contest. One of them was voted among the top ten Tasks among all that were submitted from around the world. Congratulations to Beaver Malaysia!

LATEST TITLES

In order to help teachers and students prepare for KMC, Kangaroo Math Malaysia have published these latest titles: KMC Problems and Solutions for 2013, 2014 and 2015. These books contains all problems and solutions from previous KMC, written by Mr Loke Zhi Kin, coach of the Malaysian team to the International Mathematical Olympiad. The price is RM 15.00 per book. The contents are in both English and Bahasa Melayu.

To browse our catalogue of mathematics books, or to purchase our books, go to <http://kangroomath.com.my>



BEAVER INFORMATICS COMPETITION AWARD CEREMONY



Gold medal recipients with Dato' Ng Wan Peng and Mr Khairul Anwar M. Zaki, Director of Beaver Informatics Malaysia.

The Beaver Informatics Competition (BIC) 2015 winners have been announced at the official Beaver website.

A total of 3,173 participants, representing more than 187 schools, took part in BIC 2015. Of these, top 10% are medallist (55 received Gold, 86 received Silver and 114 received Bronze). The next 40% received the Honourable Mention.

The award ceremony was held at Cyberjaya on 17 October 2015 and officiated by Dato' Ng Wan Peng, Chief Operating Officer at Multimedia Development Corporation (MDEC). Two speakers delivered Tech Talks to the students: Alina Amir of Arus Academy, and Dzubir Mohammed Zakaria of Animation Director, Animosta Studios. Thanks to KPM and MDEC for gracing our events.

IMPORTANT DATES FOR KANGAROO MATH COMPETITION 2016

27 FEBRUARY 2016

Deadline for normal registration

24 MARCH 2016

Kangaroo Math Competition Day
@ K-Day

1 MAY 2016

Kangaroo Math Competition Results

KANGAROO MATH ROAD TOUR

5 JANUARY-19 FEBRUARY 2016

KANGAROO MATH TEACHERS CONFERENCE

9 & 10 APRIL 2016

KANGAROO MATH AWARD CEREMONIES

6 AUGUST 2016 (East Region)
13 AUGUST 2016 (North Region)
20 AUGUST 2016 (South Region)
27 AUGUST 2016 (Kuala Lumpur)
3 SEPTEMBER 2016 (Sabah)



FROM THE EDITOR

We are now working hard preparing to launch Kangaroo Math Competition 2016. This last year has been very exciting for us. We got the largest number of participants ever in 2015, and we managed to kick-off several initiatives including the KMC Teachers Conference and the KMC

Ambassador program. Another good news: the Ministry of Education through Bahagian Kokurikulum dan Kesenian (BKK) has given their endorsement for KMC. You can find the letter of support on our website.

Thanks to the KMC team for your hard work, and to all of you for your support and participation. We ask for nothing more.

There are more than 25 math contests that Malaysian students take part in (a veritable alphabet soup). The difference between Kangaroo and other math contests is that the Kangaroo has a larger education agenda: we seek not just to conduct a contest and award people for good performance, but we want to engage the whole Kangaroo community -- students, teachers, parents, and supporters -- in mathematical activism and the development of mathematics in Malaysia. Please join us in the creation of a grassroots, organic and sustainable mathematics movement.

On top of our role as a contest organizer, we have two agendas. One, the development of higher order thinking skills in Mathematics among students and teachers. Two, the dissemination of the idea that STEM (Science, Technology, Engineering, Mathematics) is a unified subject. That's the reason why in the KL Teachers Conference, we invited several speakers with engineering and computer science backgrounds such as Dr. Yunus Yasin and Dr. Ong Shien Jin.

We look forward to another exciting year in 2016. Please keep in touch with the Kangaroo Math Malaysia team through our Facebook page and our website. Do call us or drop us a line if you want to communicate with us. We welcome all ideas and appreciate your feedback. If you are ever in the Setapak area, do drop by our office for a chat!

Take care and have a great year ahead,

M. Suhaimi Ramly.

KANGAROO MATH AMBASSADOR PROGRAM

About the Ambassador

The KMC Ambassador Program provides organizations and individuals with the training and license to deliver the KMC Training and Program. The program is managed by Mr. M. Iznan Shamsuddin, the Deputy Director of Kangaroo Math Malaysia. The mission is to develop a network of ambitious and inspiring teachers to help us to popularize mathematical enrichment activities among students and teachers in Malaysia.

Ambassador

An Ambassador will be able to run basic programs (KMC Talk, Math Circle etc) under Kangaroo Math name. An ambassador will also be able to access the online aids and materials, and build their own community.



Certified Training Program

Kangaroo Math Malaysia will organize 'Certified Training Program' throughout the year to train the ambassador. Attendance at the courses is compulsory in order to become a certified trainer. As a certified trainer, they will be able to run their own KMC Training and Program base on module provided by Kangaroo Math. Full access to online aids and materials, and continuous development as trainer will also be provided.

Be Active

Join our Facebook page @KangarooMath Malaysia and twitter at <https://twitter.com/KangarooMathMY>. Also, contribute to Kangaroo Problem of the Week in January 2016 and send us Math news to be included in our newsletter, Tangents, and Facebook page. You may also email us to discuss ideas and issues with the Kangaroo team.