

Tangents



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INSIDE THIS ISSUE

GOOD LUCK FOR KMC 2016	1
KMC 2016 Teacher Conference	1
Beaver Competition 2016	1
Kangaroo Math Road Tour 2016	2-3
From The Editor	4
Latest Titles	4

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GOOD LUCK FOR KMC 2016



Kangaroo Day falls on 24th March this year, and it is just around the corner. All of us from Kangaroo Math Malaysia would like to wish all the best to all KMC 2016 participants.

This competition has been made possible by the cooperation between Association of Kangaroo without Borders (AKSF), Ministry of Educations, Kangaroo Math Malaysia and many others. We are grateful to them all for their commitment. We also would like to express our sincere thanks and appreciation to all the teachers, parents and participants who keep supporting us from 2013 until now.

We are looking forward to see you in the KMC Award Ceremony 2016. Believe in yourself and back it up with plain old hard work. Good luck!

KMC 2016 TEACHERS CONFERENCE

KMC 2016 Teacher Conference will be held on 9-10th April this year. Kangaroo Math Malaysia will invite teachers from all over Malaysia to participate, and to share their knowledge and experience in one of the sharing sessions. We will update the details on our website and FB page.

The conference will take place at Pusat PERMATApintar Negara, UKM, which is a center for gifted and talented students. Many thanks to PERMATA for their cooperation and support.

We invite all mathematics teachers in Malaysia attend this conference. We hope that mathematics teachers and other enthusiasts will get fresh insights and ideas from the speakers through this conference.

BEAVER COMPUTATIONAL THINKING COMPETITION



The Beaver Computational Thinking Competition (BCTC) 2016 will be held tentatively from 19th until 21st April 2016. This is the second year of BCTC in Malaysia. Last year the contest was known as Beaver Informatics Competition. There were 3,173 participants from 187 schools taking part in 2015. This competition is endorsed by KPM: participants will receive co-curricular marks at school level while medallists will receive co-curricular marks at the national level.

The participants and schools may register starting from 1st February 2016. The fee for each participant is RM31.80 including GST. The result for this competition will be announced on May 2016 and the Award Ceremony will be held in May 2016 (exact venue to be announced).

Hopefully this year there will be more participation from schools around the country. We are looking forward to see you in this competition this year. Good luck!



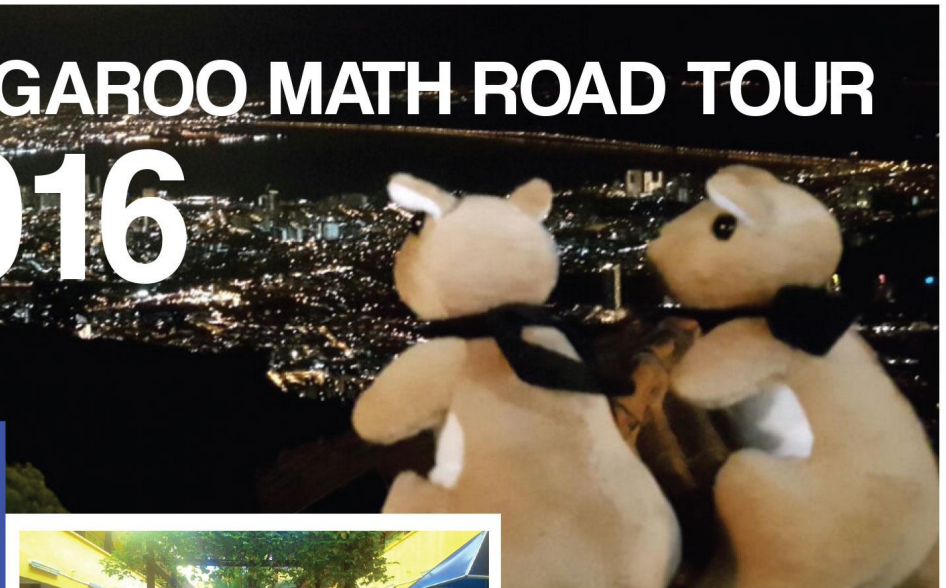
KANGAROO MATH ROAD TOUR 2016

The Kangaroo Math Road Tour was held from January until March 2016, covering every state in Peninsular Malaysia, Sabah and Sarawak. For this project, Kangaroo team visited schools throughout the country to meet teachers and students. During the tour, we conducted free programs to schools, including problem solving workshops and mathematical games.

The tour started at the Northern region (Perlis, Kedah, Penang & Perak) for two weeks and moved to the Central region (Selangor & Kuala Lumpur). We ended the tour on January at the Southern region (Johor, Melaka & Negeri Sembilan) On February, the tour took place at the East Coast region (Kelantan, Terengganu & Pahang) for the first week and East Malaysia (Sabah & Sarawak) for the second week. . We decided to extend the tour period for another two weeks at the Central region because of the high number of invitations from the schools at this region.

For this year, our team consists of 9 people and they are Fahmi, Aidel, Nadia, Wafi, Zafree, Izzudeen, Nubli, Akmar and Raudhah. We visited 83 schools from all over Malaysia including several international schools and a matriculation college (Kolej Matrikulasi Labuan).

There were several invitations that we were not be able to accept due to time or logistical restrictions. Some schools which couldn't host us took the alternative way by joining the program at the nearest school in our itinerary. We would like to thank all the schools that have invited us and we also apologize for not being able to accept all



invitations. We selected the schools to visit based on the earliest invitations, as we do not mind going to any school in any location along our Road Tour (in fact, we are more excited to visit schools in the rural areas!)

Many students did not have much exposure to math contests, as well as the importance of mathematics in life. So, it is our pleasure to conduct programs for the students to expose them to some challenging mathematics problems, alongside some fun activities.



TRAVELOGUE

The Road Tour team went to several interesting journeys to visit all the schools. They took flights, buses, boats, taxis and cars and traveled to all corners of Malaysia. Schools from Sarikei showed an enthusiastic response and we visited 3 schools there which are SJK(C) Kwang Chien, SMK Tinggi Sarikei and SMK St Anthony, all within a day. After the Sarikei stop, the team had to split. Fahmi took a flight from Sibu to Limbang (to visit SMK Kubong) and Aidel took a boat from Rajang Port, Sibu, to Daro (to visit SMK Toh Puan Datuk Patinggi Hajjah Normah). Then, they went to Kota Kinabalu and then to Tenom (to visit SMK Entabuan) on the last day of the East Malaysia tour. We felt grateful because we could connect with students and teachers in Borneo and share with them the importance of mathematics in life.



We were also glad to receive invitations from some “Sekolah Kurang Murid (SKM)” schools and one of them with the fewest number of students is SJK(T) Ladang Ampar Tenang, Dengkil. The number of students is less than 100 and all of them joined us in the program. The principal realized the importance of exposing students to mathematical thinking and HOTS questions, in order to excel in mathematics. We would like to express our sincere thanks and appreciation to the principal and the teachers for supporting KMC.



We also visited some large schools with a high number of students, where the school arranged for all the students to join the Kangaroo Math Road Tour program, such as MRSM Langkawi, MRSM Gerik, MRSM Tun Abdul Razak, MRSM Tun Ghafar Baba, SBPI Sabak Bernam, SMS Perempuan Seremban, SMS Raja Tun Azlan Shah, SMS Kuching Utara, SJK(C) Pasir Pinji 1 and SK Taman Maluri. MRSM Tun Ghafar Baba, which is one of the top schools in Malaysia, recorded the highest number of participants since 2013 and they have registered most of the students in KMC 2016. Our thanks and respect to all of you.



We hope that our efforts in Kangaroo Math Road Tour this year can help the students, parents and teachers all over Malaysia in realizing that Mathematics is a very important component of our life. We have to change our perspective that mathematics is boring and hard. Try to think it in a positive way and make mathematics more fun, challenging and useful!



KANGAROO MATH ROAD TOUR 2016 SCHOOLS LIST

1. Asia Pacific International School
2. Nobel International School
3. Sayfol International School Ampang
4. SBPI Sabak Bernam
5. SJK(C) Jalan Davidson
6. SJK(T) Appar
7. SJK(T) Jalan Bangsar
8. SJK(T) Ladang Ampar Tenang
9. SK Bandar Tasik Puteri
10. SK Bukit Jalil
11. SK Bukit Rahman Putra
12. SK Desa Pandan
13. SK Jalan Empat
14. SK Meru
15. SK Methodist (L) Jalan Hang Jebat
16. SK Puchong Jaya
17. SK Putrajaya Presint 11 (1)
18. SK Saujana Impian
19. SK Seri Hartamas
20. SK Seri Saujana
21. SK Sungai Choh
22. SK Taman Kosas
23. SK Taman Maluri
24. SK Taman Muda
25. SK Taman SetiA
26. SK Taman Tun Dr Ismail 2
27. SK Wangsa Melawati
28. SM Sains Alam Shah
29. SMK Convent Bukit Nenas
30. SMK Gombak Setia
31. SMK Puteri Jaya
32. SMK Sijangkang Jaya
33. SMK Taman Seraya
34. SMK Tuanku Abdul Rahman
35. SR Al Amin Bangi
36. UCSI International School Subang
37. Kolej Melayu Kuala Kangsar
38. MRSM Gerik
39. MRSM Langkawi
40. Sekolah Raja Perempuan Taayah
41. SJK(C) Pasir Pinji 1
42. SJK(C) Perempuan China
43. SJK(T) Mahatma Gandhi Kalasalai
44. SJK(T) St. Theresa's Convent
45. SK Kampung Jambu
46. SK Taman Selasih
47. SK Tasik Damai
48. SMJK Chung Hwa Confucian
49. SMK Convent Taiping
50. SMK Rapat Setia
51. SMK Sultan Badlishah
52. SMS Raja Tun Azlan Shah
53. MRSM Tun Abdul Razak
54. SK Assunta Convent
55. SK Jaya Gading
56. SK St Thomas
57. SK Telok Kalong
58. SK Teruntum
59. SM Imtiaz Yayasan Terengganu Kemaman
60. SMK Air Putih
61. MRSM Tun Ghafar Baba
62. SJK(T) Jalan Bukit Renggam
63. SK Lubok Redan
64. SK Seremban 2B
65. SM Sains Johor
66. SM Sains Kota Tinggi
67. SM Sains Muzaffar Syah
68. SM Sains Perempuan Seremban
69. SMK Agama Bandar Penawar
70. SMK Indahpura (1)
71. Tenby International School Setia Eco Gardens
72. Kolej Martikulasi Labuan
73. SJK(C) Kwang Chien
74. SK Pantai
75. SM Sains Kuching Utara
76. SM St. Anne
77. SMK Entabuan
78. SMK Kubong
79. SMK Labuan
80. SMK St Anthony Sarikei
81. SMK Taman Perumahan Bedaun
82. SMK Tinggi Sarikei
83. SMK Toh Puan Datuk Patinggi Hajjah Normah

KANGAROO MATH AWARD CEREMONIES 2016

- 6 AUGUST 2016**
East Region
- 13 AUGUST 2016**
North Region
- 20 AUGUST 2016**
South Region
- 27 AUGUST 2016**
Kuala Lumpur
- 3 SEPTEMBER 2016**
Sabah

IMPORTANT DATES FOR BEAVER COMPUTATIONAL THINKING COMPETITION 2016

- 1 APRIL 2016**
Deadline for registration
- 19-21 APRIL 2016**
Beaver Competition Day @ B-Day



FROM THE EDITOR

It's great to see all of you again! This is the fourth year of Kangaroo in our beloved Malaysian soil. I am glad that our outreach programs have been expanded, as well as our competition.

From January to March, we visited teachers and students at more than 80 schools during our KMC Road Tour. The goal of the Kangaroo movement is the dissemination of mathematical culture in Malaysian schools, and we believe that face-to-face encounter with students and teachers are essential in building a truly grassroots movement for Kangaroo Math in Malaysia.

Some schools have invited us for the Road Tour but unfortunately our tight schedule has not been able to accommodate your invitation. No problem: we are arranging a second round of KMC Road Tour later this year. Stay tuned at our website / FB page for more details.

The Road Tour is not the only outreach programs planned this year. The Kangaroo Math Teachers Conference will be held in April. The conference is open to all mathematics teachers. We thank Pusat PERMATApintar Negara, UKM who is the host and co-organizer for the conference.

The Beaver Computational Thinking Contest will be held in April. Those who take part in Kangaroo should also try out Beaver, its sister contest. Computational Thinking (CT) will feature prominently in the revised national curriculum for ICT, which will be launched in the next few years. Taking part in Beaver will give students some idea on what CT really is, and why top tech companies like Google and Microsoft are advocating for CT education worldwide.

All the best for KMC 2016. To the first-time participating schools, welcome to Kangaroo Math. To those who have participated before, welcome back!

M. Suhaimi Ramly,
Director, Kangaroo Math Malaysia

LATEST TITLES



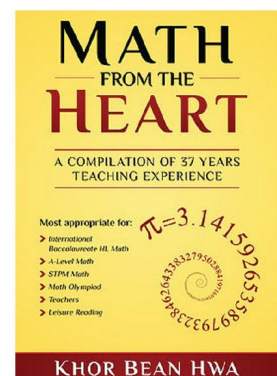
In order to help teachers and students prepare for KMC, Kangaroo Math Malaysia have published these latest titles: KMC Problems and Solutions for 2013, 2014 and 2015. These books contain all problems and solutions from previous KMC, written by Mr Loke Zhi Kin, a coach of the Malaysian team to the International Mathematical Olympiad.

Price: RM 15.00 + shipping cost.
Language: English and Bahasa Melayu.



Beaver Computational Thinking Competition Problems and Solutions 2015 is one of the latest book published from Beaver Informatics Malaysia. This book contains all problem and solution from the first edition of BIC (now known as BCTC) in 2015, edited by Mr Khairul Anwar, director of Beaver Informatics Malaysia and Mr Ahmad Nubli, manager of Beaver Informatics Malaysia

Price: RM 15.00 + shipping cost.
Language: English.



Math From The Heart shows you the beauty of mathematics, and how seemingly mundane tools of mathematics can be imaginatively applied in real life. This book is appropriate for International Baccalaureate HL Math, A-Level Math, STPM Math, Math Olympiad, teachers and leisure reading. It is written by Mr Khor Bean Hwa who has teaching Sixth Form and Pre-University Level mathematics more than 35 years.

Price: RM 40.00.
Language: English.