

Tangents

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TEACHERS' CONFERENCE (TECOF) MALAYSIA 2019



Teachers Conference (TECOF) is created to gather all educators from all over Malaysia to highlight latest issues in education field. Ideas pitches, mapping out alternatives to solve issues as well as to compile bombardment of ideas from all teachers are what have been targeted for this event. For this year, we bring you conferences for teachers focusing on Mathematics subjects.



All participants enjoy their photography session at the end of the TECOF Math event in Premiera Hotel, Kuala Lumpur



TECOF Mathematics was held in Premiera Hotel, Kuala Lumpur on 6th & 7th July 2019. More than 30 educators had attended this conference and they had a great session with the speakers. A collaboration with Persatuan Guru STEM Malaysia (PGSM) dan Majlis Guru Cemerlang Malaysia (GCM) have enabled us to reach teachers from all around Malaysia to attend this conference. For TECOF Math, we brought

Dr. Po-Shen Loh the National Coach of USA Team for International Mathematical Olympiad as a special appearance for TECOF Math. His enthusiasm in teaching mathematics could inject the spirit to revolve and empower education field in Malaysia for teachers.



List of our speakers on the second day

SPECIAL APPEARANCE



"The teacher's role is not just to convey information, but to be a cheerleader and a coach inspiring learner to pursue knowledge on their own initiative."
- Dr Po-Shen Loh, MIT News 2019

Dr Po-Shen Loh, Carnegie Mellon University, USA National Coach of the USA International Mathematical Olympiad

Dr. Po-Shen Loh is a social entrepreneur, working across the full spectrum of mathematics and education, all around the world. He is the founder of the free personalized learning platform expii.com, a social enterprise which algorithmically

curates openly licensed math/science lessons and problems to share with the world, supported by his online advanced math school. He is a mathematics professor at Carnegie Mellon University, and also the national coach of the USA International Mathematical Olympiad team. His research and educational outreach takes him to cities across the world, reaching an annual in-person audience of over 10,000 people through public lectures and events, and he has featured in or co-created videos totaling over 5 million YouTube views.



KANGAROO MATH COMPETITION: SECOND ROUND

This year, Kangaroo Math Malaysia has awarded Gold Medals to 661 participants of Kangaroo Math Competition, Silver Medals to 339 participants and Bronze Medals to 509 participants. 2019 marks as the first year for KMC to organise a second round which is called as KMC2.

After the second round, top performers will be invited to participate in KMC National Workshop and Finals. This workshop will be held for two days (subject to change) with various fun activities on high-level mathematics problem solving. For further details, visit our official website Kangaroo Math Malaysia and check out our Facebook page.

(KMC2) is exclusive for all Gold Medalists. This event has already taken place at four different locations on 28th July 2019:



Thanks to Ms. Lai Sok Yee and team for making this event successful



Registration process before the exam start

KMC: Second Round Album



Our brilliant kids participating in KMC2



Checkout our Instagram and get latest update



299 candidates sit for KMC2



The siblings took a selfie photo before entering the exam hall



Students will get the medals after result are announced

Congratulations

BEAVER COMPUTATIONAL THINKING COMPETITION 2019



Beaver Computational Thinking Competition has been successfully held on 16th & 17th April 2019. This competition had been participated by 6,333 students.

On 21st June 2019, the results of Beaver Computational Thinking Competition has been announced and 102 participants have been awarded as Gold Medalists, 217 received Silver Medals and 316 received Bronze Medals. With great honour, we have invited all Gold Medallists to come forth for the Award Ceremony.

The award ceremony will be held on 24th August 2019 at GENIUS@pintar Negara, UKM.



KIJANG ECONOMICS COMPETITION 2019

Congratulations to all Kijang Economics Competition (KEC) Participants! KEC was held on 25th April 2019, participated by 771 students from primary, lower secondary and upper secondary levels.

Medalists of Kijang consist of 13 Gold Medalist, 26 Silver Medalist and 42 Bronze Medalist from all category.

The winners of KEC are invited to join a national level competition, Malaysian Economics Olympiad (MyEO) that has been held in University Malaya on 16th June 2019. MyEO has selected top five winners to be represent Malaysia in the International Economics Olympiad that has been organized in St. Petersburg, Russia from 23rd July until 1st August 2019.



KIJANG
ECONOMICS
— COMPETITION —



KANCIL SCIENCE MALAYSIA: THE LEADING SCIENCE COMPETITION IN MALAYSIA



Yippee! Finally, Kancil Science Competition (KSC) 2019 has announced the result of the competition!

We are glad to share that 120 students will be awarded the Gold Medal, 339 students are awarded with Silver Medal and 509 students will be receiving the Bronze Medal for all category.

Hold on, that is not the end of KSC! We have a national level as a second round specifically for Gamma category. Those who have received Gold, Silver and Bronze were invited to join the Malaysian Junior Science Olympiad (MyJSO). The event had been held on 21st July at IIUM, Gombak.

6 top participants from MyJSO will represent Malaysia to International Junior Science Olympiad (IJSO) that will take place in Doha, Qatar. Eager to know who are the top 6? Check out our official website <http://www.kancilscience.my/> and follow our updates.





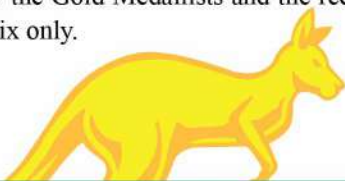
AWARD CEREMONY 2019

Award Ceremony is part of Ardent Educational's tradition for Kangaroo Math Competition since 5 years ago. The purpose of this ceremony is to celebrate the achievement of all KMC Beaver Gold Medallists and receiver of Grand Prix award



KANGAROO MATH AWARD: GOLD MEDALIST 2019

Kangaroo Math Competition Award ceremony will be held on 24th August 2019, in Kuala Lumpur. KMC Award Ceremony 2019 will be joined by the Gold Medallists and the receiver of Grand Prix only.



BEAVER AWARD: GOLD MEDALIST 2019

BEAVER Award ceremony will be held on the same day and venue as KMC Award Ceremony 2019. However, this award will be held in the evening. There are 6,333 participants for this contest which involved 406 schools from Sabah, Sarawak and peninsular Malaysia. 2019 shows a positive increase in the number of participants who got Gold Medal which is 102, Silver Medal will be received by 217 participants and Bronze Medal will be received by 316 participants.

FLASHBACK AWARD CEREMONY 2018



A group photo of the winners and Mr. Suhaimi Ramly, the Director of Kangaroo Math Malaysia



Parents are also invited to the Award Ceremony to celebrate the achievement of their children



Students are very excited to receive their medal and certificates



A group photo of Gold Medallists from Pre-Ecoiler category of KMC



Mr. Khairul presents a medal to Beaver Gold Medallist

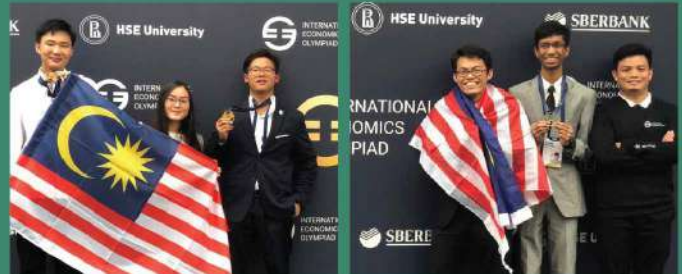


MALAYSIA BAGGED MEDALS FROM INTERNATIONAL OLYMPIAD

MALAYSIA RANKED AS THE BEST TOP 5 IN THE WORLD IN FINANCIAL LITERACY

International Economics Olympiad

The Second International Economics Olympiad has been organized at St Petersburg, Russia on 24th until 31st of July. 24 countries took part in IEO 2019 and this is the second time a team was represented Malaysia. During the closing ceremony, Malaysia Team was awarded with a Gold Medal (Bryant Ng), a Silver Medal (Arvind Asokan) as well as an Honorable Mention (Ryan Wong). Congratulations Malaysia Team 2019 for the great achievement!



Closing Ceremony at The Kotchubey Centre



Bryant Ng, our Gold Medalist!



Ipueem (Hello from Russia!)



All participants from 24 countries IEO 2019



MALAYSIA DEFEATED KOREA IN KOREAN TRADITIONAL GAME

International Linguistics Olympiad

On 28th of July until 2nd of August, 215 contestants from 37 countries were involved in International Linguistics Olympiad (IOL) has been held in Yongin, South Korea. In the Individual category, Malaysia team received a Silver Medal from Zi Song Yeoh and a Bronze Medal from Zhe Ren Ooi. We are very proud with the effort and achievement in Team category as they received a Bronze Medal and ranked as Top 6 teams. This trip has been lead by Mr. Khairul Anwar and Miss Ruqayya followed by eight contestants to represent Malaysia.



Fun Time with Korean traditional game 'Gonggi'!



Malaysia Team Leader 2019 Miss Ruqayya



Congratulations to all winner for Individual & Group Category!



A group photo before the Opening Ceremony at Hankuk University, Korea

ARDENT EDUCATIONAL PROGRAMS



Ardent Educational Consultants is well-experienced in training and development for STEM subjects specially for students and educators. A number of programmes had been held throughout 2019 and many more will come. A series of workshops to prepare for Mathematical Olympiad known as Math Olympiad Preparatory Workshop (MOPW) had been held since 6th April until 30th June 2019. Speakers consist of: Head Coach of International Mathematical Olympiad (IMO) Malaysia team, Mr. Suhaimi Ramly and coach, Mr. Zafree Zaharidan. It focuses on four (4) main subject knowledge of Mathematical Olympiad which are Number Theory, Algebra, Combinatorics and Geometry.

The speakers explained on how to apply Polya frameworks as the solving strategy in any Mathematical Olympiad's questions. Aside from that, the speakers are committed in showing techniques, tricks and a precise way in solving Mathematical Olympiad's questions as well as writing mathematical solutions and proofs. The programme has been successfully held at Penang Math Platform with good response and feedback from all participants. With support, these programs would spark interest and passion inside participants for STEM subject.

Since April up until early July 2019, ArdentEdu has conducted at least three Mathematics workshops at schools. The workshops mostly focuses on how to answer Math Olympiad questions; participants are given a complete set of questions to be solved which then will be discussed together with the speakers. The speakers are Mr. Suhaimi Ramly, the Head Coach of Malaysia Team for IMO and Mr. Faiz Ismail who is the Coach of Olimpiad Matematik Kebangsaan (OMK).



All participants are very attentive in learning Math's tricks and techniques



The speaker, Mr Suhaimi Ramly is sharing his knowledge on Polya's frameworks

ArdentEdu went to two (2) schools which are Sekolah Menengah Sains Alam Shah (SSAS) and SMK Seri Bintang Selatan (SBS) and Universiti Malaysia Pahang (UMP) to train all participants and teachers who are going to continuously train OMK participants. Another school will be having a Mathematical Olympiad workshop which is SMK USJ 12.

Aside from handling preparatory workshops for Mathematical Olympiad, ArdentEdu has held a few workshops on Mathematics and Additional Mathematics for secondary school students which took place at SMK Seri Perak, Teluk Intan and an upcoming workshop will be held at SMK Agama Tun Hajah Rahah, Sabak Bernam.

Not only that, ArdentEdu will be collaborating with Dr. Leong Kwan Eu, a Senior Lecturer from Department of Mathematics and Science Education, University Malaya in organising a workshop for teachers which is called as Bengkel Cuti Sekolah Kemahiran Berfikir Aras Tinggi (KBAT) dalam Pengajaran Matematik KSSM Tingkatan 4 on 26 – 27th November and 3rd – 4th December 2019 at Faculty of Education, UM.

EVENTS 2019

1

AWARD CEREMONY
Kangaroo Math Malaysia & Beaver Malaysia
Date:
24 Aug 2019

2

KARNIVAL SAINS DAN MATEMATIK
Peringkat Kebangsaan 2019
Date:
24 Aug 2019
Venue:
Kolej Rahman Putra, UTM Skudai

3

BENGGEL CUTI SEKOLAH
Kemahiran Berfikir Aras Tinggi Dalam Pengajaran Matematik KSSM Tingkatan 4
Date:
26 & 27 Nov 2019
3 & 4 Dec 2019

4

KEM CUTI SEKOLAH
Kangaroo Math Malaysia
Date:
23 & 24 Nov 2019
Venue:
ARDENTEDU, KL



FROM THE EDITOR

This year we are debuting the second round of the Kangaroo Math Competition, known as KMC2. The objective of KMC2 is to bring together the top performers of KMC to compete in a friendly contest. We welcome all invited participants to KMC2, and hope you will do your very best in the contest.

In the second half of the year, we will organize some of the sister contests of KMC, namely the Malaysian Astronomy Olympiad (MyAO), the Malaysian Earth Science Olympiad (MyESO) and the Malaysian Computational Linguistics Olympiad (MyCLO). Please promote these contests to the relevant teachers so your school can take part. The participants might stand a chance to represent Malaysia in various International Olympiads.

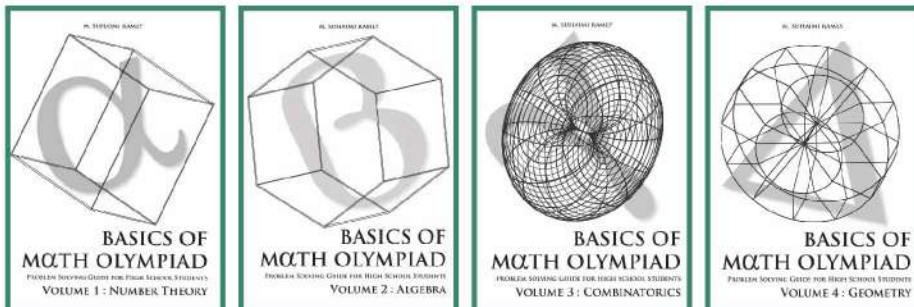
I'd like to take the opportunity to thank our supporters: Bahagian Sukan, Kokurikulum Dan Kesenian (Kementerian Pendidikan), Pusat STEM Negara, Persatuan Guru STEM Malaysia, and many other organizations and individuals that have been with us since our inception and throughout our growth to where we are right now. Thanks to the Kangaroo team members who have been working very hard behind the scenes to make things happen.

Kangaroo Math Malaysia was merely an idea that I had, back in 2012. To see it grow and impact many lives, is more than I can ever be thankful for.

By M. Suhaimi Ramly,
Director Kangaroo Math Malaysia.

Grabs our books NOW!

Come to our center or purchase online at www.kangaroomath.com.my.



QUESTIONS OF THE MONTH

[KMC BENJAMIN 19 #22] Emily took selfie with her 8 cousins. Each of the 8 cousins is in two or three pictures. In each picture there are exactly 5 cousins. How many selfies did Emily take?

[KSC ALPHA 19 #8] Two rhinoceroses are fighting with each other. Which part of their body can help to protect themselves?

[KEC PRIMARY 19 #] Suppose Ah Chong's cake shop received RM400 in revenue for selling cakes this week and paid RM250 for the expenses in the same week. How much profit did Ah Chong's cake shop earn this week?

[KMC CADET 19 #21] When Ria and Flora compared their savings, they found that the ratio of their savings was 5:3. Then Ria bought a tablet for 160 Euro and the ratio of their savings changed to 3:5. How many Euro did Ria have before buying the tablet?

[KSC DELTA 19 #9] The greenhouse effect is one of the reason of global warming. This phenomenon involves several gases like methane, carbon dioxide and nitrous oxide. What is the physical phenomenon that best explain the mechanism of infrared radiation absorption by greenhouse gases?

[KEC UPPER SECONDARY 19 #5] Assuming that Danial receives a consumer surplus of RM2.50 on a cup of coffee that costs RM17.50. What is the price that he is willing to pay for the coffee?

[KMC STUDENT 18 #3] Answer: D

[KSC DELTA 18 #12] Answer: C

[KMC JUNIOR 18 #13] Answer: E

[KSC ALPHA 18 #9] Answer: A

[KMC PRE ECOLEER 17 #19] Answer: C

ANSWER FOR QUESTIONS OF THE MONTH

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 Kancilsciencemy



f Kijang Economics Competition Malaysia
 www.kijangeconomics.com
 KijangEconomicCompetition

f Malaysian Earth Science Olympiad
 www.myeso.com.my
 MyESO

f Malaysian Astronomy Olympiad
 www.myao.my
 MyAO

f Malaysian Computational Linguistic Olympiad
 www.myclo.my
 MyCLO

f Malaysian Junior Science Olympiad
 www.myjso.my
 MyJSO

f Malaysian Economics Olympiad
 MyEO

