

KIMC

2014 Korea International Mathematics Competition

21st ~ 26th July 2014

Information



Korea Evaluation Research for the Future Education

2014 Korea International Mathematics Competition (KIMC 2014)

21-26 July 2014, Daejeon, Korea



1.	IMC 2014 Objectives
	<ol style="list-style-type: none"> 1. To organize an international mathematics competition for key stage II (upper primary education) and key stage III (lower secondary education) students; 2. To motivate teachers and students to improve the teaching and learning of mathematics with emphasis on developing the high-order thinking skills; 3. To establish cooperation with networks for the improvement of mathematics at the international level; 4. To provide students from participating countries with opportunities to exchange mathematics knowledge and practice and cultural experiences; 5. To upgrade mathematics curriculum in school to be at par with the international standards.
2.	Divisions of Competition
	<p>IMC 2014 is composed of 2 divisions:</p> <ol style="list-style-type: none"> 1. Key Stage II Division (Upper Primary Education) 2. Key Stage III Division (Lower Secondary Education)
3.	Qualifications of Participants
	<p>Participants of each division must meet the following conditions:</p> <ol style="list-style-type: none"> 1. Key Stage II: <ol style="list-style-type: none"> (a) Students must not be enrolled in secondary schools or in any equivalent institutions; and (b) Students must have been born on or after 1 August 2000. 2. Key Stage III: <ol style="list-style-type: none"> (a) Students must have not been enrolled in upper secondary education or in any of equivalent institutions; and (b) Students must have been born on or after 1 August 1997.
4.	Participation and Application
	<p>Participation in the competition is by invitation. Any invited city or country is entitled to send up to 2 teams to participate in each division. Each team may comprise a maximum of 6 members: a team leader, a deputy leader, and 4 students, except for countries: Bulgaria, China, Hong Kong, India, Indonesia, Macau, Nepal, Philippines, South Africa, South Korea, Taiwan and Thailand, whose status as former hosts of any activities under the supervision of IMC Executive Board allowing them to send four teams to participate in each division.</p>

5.	Types of Contest																			
	<p>There will be two kinds of contests in each division namely, individual and team contests. All participants must participate in both kinds of contests and other related activities, as scheduled.</p>																			
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td data-bbox="252 371 544 595" rowspan="4" style="text-align: center; vertical-align: middle;">Key Stage II</td> <td data-bbox="544 371 951 427" style="text-align: center;">Individual</td> <td data-bbox="951 371 1361 427" style="text-align: center;">TEAM</td> </tr> <tr> <td data-bbox="544 427 951 483" style="text-align: center;">Questions : 15</td> <td data-bbox="951 427 1361 483" style="text-align: center;">Questions : 10</td> </tr> <tr> <td data-bbox="544 483 951 539" style="text-align: center;">Time : 90 minutes</td> <td data-bbox="951 483 1361 539" style="text-align: center;">Time : 60 minutes</td> </tr> <tr> <td data-bbox="544 539 951 595" style="text-align: center;">Total Marks : 150</td> <td data-bbox="951 539 1361 595" style="text-align: center;">Total Marks : 400</td> </tr> <tr> <td data-bbox="252 595 544 1115" rowspan="4" style="text-align: center; vertical-align: middle;">Key Stage III</td> <td data-bbox="544 595 951 651" style="text-align: center;">Individual</td> <td data-bbox="951 595 1361 651" style="text-align: center;">TEAM</td> </tr> <tr> <td data-bbox="544 651 951 999" style="vertical-align: top;"> Part One : 12 Questions – short answer (5 points each) Part Two: 3 Questions – complete solution is needed (20 points each) </td> <td data-bbox="951 651 1361 999" style="text-align: center; vertical-align: middle;">Questions : 10</td> </tr> <tr> <td data-bbox="544 999 951 1055" style="text-align: center;">Time : 120 minutes</td> <td data-bbox="951 999 1361 1055" style="text-align: center;">Time : 60 minutes</td> </tr> <tr> <td data-bbox="544 1055 951 1115" style="text-align: center;">Total Marks : 120</td> <td data-bbox="951 1055 1361 1115" style="text-align: center;">Total Marks : 400</td> </tr> </table> <p>More Information about TEAM CONTEST The four-team members are given 10 minutes to discuss and distribute among themselves the first 8 questions. Each student must attempt to solve at least one problem. Each member has 35 minutes to write independently the solutions of his/her allotted problem with no further discussion or exchange of problems. The four-team members are allowed to solve together for 15 minutes the last 2 problems.</p>		Key Stage II	Individual	TEAM	Questions : 15	Questions : 10	Time : 90 minutes	Time : 60 minutes	Total Marks : 150	Total Marks : 400	Key Stage III	Individual	TEAM	Part One : 12 Questions – short answer (5 points each) Part Two: 3 Questions – complete solution is needed (20 points each)	Questions : 10	Time : 120 minutes	Time : 60 minutes	Total Marks : 120	Total Marks : 400
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6.	Competition papers																			
	<p>The participating country must send ten proposed problems, using Word files written in English, for the Key Stage II contest and the Key Stage III contest; that is, five for the individual contest and another five for the team contest on or before 15 June 2014 to allow the KIMC Academic Committee to do the consideration and preparation of competition papers. The team leaders must avoid using the exact proposed problems they submit to the organizers for training their contestants. The contest papers may be translated into one's native language on 22 July 2014, after the opening ceremony.</p>																			
7.	KIMC 2014 Technical Committee																			
	<p>KIMC 2014 Committee comprises of math experts from Korea and members of IMC Executive Board.</p>																			

8.	Awards and Prizes
	<ul style="list-style-type: none"> ● Individual Award: Gold, silver, bronze medals and merit certificates. Approximately two-thirds of the contestants will receive Individual Awards, in the form of Gold, Silver and Bronze Medals as well as merit certificates, approximately in the ratio, 1 : 2 : 3 : 4. ● Team Award: Champion, 1st, 2nd runner-up trophies and honorable mention. In the team contest, the total score of all contestants in each team is considered the team score. The teams are first ranked by their total scores. Ties are broken according to the scores of team contest problems, starting with the most difficult ones. Prizes will be given to one Champion, two 1st runners-up and three 2nd runners-up of different groups. Grouping will be done through drawing of lots. ● Group Award: Champion, 1st and 2nd runner-up trophies The highest score of the three contestants in each team for Individual Contest will be summed up. Prizes will be awarded to the top teams with the highest scores of each group in the form of one Champion, two 1st runners-up and three 2nd runners-up. In case of a tie, the team whose 4th contestant scores with higher marks in the Individual Contest wins. ● Overall Award: Grand Champion, 1st and 2nd runner-up trophies The Overall Prize is awarded to the team that obtains the highest score computed as follows: the sum of the four-team members' score in the Individual Contest and of the team's score in the Team Contest. The maximum score is $4 \times 150 + 400 = 1000$ (for EMIC) and $4 \times 120 + 400 = 880$ (for IWYMIC). Grand Champion, 1st and 2nd runners-up will be awarded. ● Certificate: Every participant will receive a KIMC 2014 certificate.
9.	Period of Application and Procedure
	<ul style="list-style-type: none"> ● Each participating city or country has to apply for its participation. It should specify the number of participating teams for each division to the organizer through these e-mails (koreaimc@hanmail.net and ccmp@seed.net.tw). A notice of confirmation will be sent on or before 30 March 2014. ● A filled-up application form must be submitted via e-mail to the organizer on or before 30 May 2014. ● Each participating team must inform the organizer about its arrival and departure schedule at Incheon International Airport on or before 15 June 2014.

10. Expenses	
	<ul style="list-style-type: none"> ● The organizer will take charge of all official expenses of the teams from each invited city or country including accommodation, meals, and sightseeing during the official period of the competition in Daejeon County, Korea (21-26 July 2014). Observers, parents and other accompanying persons have to pay US\$650 for the accommodation, meals, transportation, and sightseeing during the period of official competition. ● Each participating team is responsible for the travelling expenses from their homeland to Incheon International Airport and to Daejeon County, including payment of visa fees and other expenses for their entry to Korea. ● Each participating team is responsible to pay US\$60 per person as the round trip transportation fees from Incheon International Airport to Daejeon County, ● Observers, Parents and other accompanying persons must also pay \$60 per person for the round-trip transportation fees to KIMC Secretariat and receipt will be issued on 21 July 2014.
11. Proposed Itinerary	
21 st July 2014	Arrival to Incheon International Airport and transfer to Daejeon County event hall.
	– 21:00 Registration
	– 21:00 Setting Up of Exhibition Booth
	12:00 – 13:00 Lunch
	18:00 – 19:00 Dinner - ♦ Band meeting (1 Band consists of 36 persons)
	21:00 – 22:30 Meeting of Team Leaders
22 nd July 2014	06:30 – 08:00 Breakfast
	08:30 – 09:00 Assembly
	10:00 – 11:30 Opening Ceremony
	12:00 – 13:00 Lunch
	13:00 – 24:00 Translation of Contest Papers (Team Leaders of those countries who will not adopt English, Korean or Chinese version papers)
	13:00 – 17:00 City Tour (Students, Deputy Team Leaders and accompanying persons)
23 rd July 2014	18:00 – 19:00 Dinner
	06:30 – 08:00 Breakfast
	09:00 – 11:00 Contest Proper (Individual Contest)
	11:30 – 12:30 Contest Proper (Team Contest)
	09:00 – 11:30 Shopping at Daejeon County Mini Mall (For Parents, TL, DTL)
	13:00 – 14:00 Lunch
	14:00 – 17:00 Learning Korean Culture
18:00 – 19:00 Dinner	

	24 th July 2014	06:30 – 08:00	Breakfast
		08:30 – 16:00	Anmyondo Jurassic Museum & Sightseeing (Delegates of Group 1) Shopping at Daejeon (Delegates of Group 2) <i>Lunch box will be provided</i>
		16:00 – 18:00	Moderation of Contest Papers by Leaders
		18:00 – 19:00	Dinner
		19:00 – 22:00	Cultural Night
	25 th July 2014	06:30 – 08:00	Breakfast
		08:30 – 16:00	Anmyondo Jurassic Museum & Sightseeing (Delegates of Group 2) Shopping at Daejeon (Delegates of Group 1) <i>Lunch box will be provided</i>
		18:00 – 19:00	Dinner
		19:00 – 23:00	Awarding and Closing Ceremony
	26 th July 2014	Departure for Homeland with Fond Memory of Korea	
12.	Official Languages		
	English, Chinese and Korean will be the official languages of KIMC 2014.		
13.	Organizer		
	<ul style="list-style-type: none"> ● Ministry of Education ● Korea Tourism Organization ● Daejeon Metropolitan City Hall ● Daejeon International Marketing Enterprise ● Korea Baptist Theological University ● Korea Evaluation Research for the Future Education (KET) 		
14.	Medical Care for Participants		
	The organizer will procure accident insurance for all participants during the official period of the competition. The insurance will cover accidents leading to death or permanent disability of the body; therefore, all participants are advised to arrange medical insurance by themselves.		
15.	Additional Information		
	<p>Each participating country should do the following:</p> <ul style="list-style-type: none"> ● Inform the organizer in advance of any specified dietary requirements or restrictions; ● Prepare at most 5 minutes cultural performance for the cultural night; (Prepare gift for exchange of souvenir items) ● Prepare cultural pictures or items to be used in the exhibit. The Local Organizing Committee will provide each participating country 4 tables and a space of 3 m by 3m to display their things for the exhibit. If there is a need of additional space, please request from the Local Organizing Committee. ● Prepare 5 pieces of national flag (1.5 m x 1 m) ● Complete visa procedures before arriving in Korea. ● Check Korea Immigration Service website (http://www.immigration.go.kr/) to Prevent possible problems. 		

16.	Participants' Personal items (Individual)
	<ul style="list-style-type: none"> ● Swimsuit, Short Pants, Towels, Toothbrush, Toothpaste, Slippers, Personal Medicines, Hat/Umbrella etc. ● Required materials and gift for cultural night.
17.	Participants' Needed Materials (Group)
	<ul style="list-style-type: none"> ● Cultural information of each country and Promotional information relating to education. ● Flags (5 pieces) 3 pieces for KIMC and 2 pieces for National promotion exhibition. ● What is a culturally typical Korean's room? <ol style="list-style-type: none"> 1. Take off shoes. 2. No beds, use mat and towel (blanket) instead. 3. Spread a blanket during night time and fold it in the morning. 4. Four people up to six people sharing a room.
18.	Deposit Receipt
	<ul style="list-style-type: none"> ● Must sign below the Deposit receipt. ● To avoid inconvenience with financial matter, all fee charges will be managed by the operation center at Daejeon Event Hall ONLY.

<h1 style="margin: 0;">Receipt</h1>	
Received from:	Date: _____
City/Country:	
The Amount of:	
(USD _____)	
For Payment of:	
Received by:	
<i>Park, Hang-Yaung</i>	
KIMC 2014 Local Committee Chairman	