The Thirty-second Hong Kong Mathematics Olympiad (2014/15)

Aims / Objectives

This is to invite secondary schools to participate in the captioned competition.

Details

2.   The Thirty-second Hong Kong Mathematics Olympiad (32nd HKMO) is jointly organised by the Mathematics Education Section, Education Bureau and the Department of Mathematics and Information Technology of The Hong Kong Institute of Education.   The aim of the competition is to develop students' mathematical abilities and foster their interest in mathematics.

3.   The Heat Event will be held on 7 February 2015 (Saturday).   The **50** teams with the highest scores (sum of the scores in the **Individual Event**, **Group Event** and **Geometric Construction Event**) in the Heat Event will enter into the Final Event which is scheduled for April 2015.

4.   Schools interested in sending a team to take part in the 32nd HKMO are requested to complete the attached Application Form (Appendix 8a) or the e-form which is available from the website:

http://www.edb.gov.hk/en/curriculum-development/kla/ma/res/sa/hkmo-32-hkmo.html

and return it via **Fax** to the Mathematics Education Section, Education Bureau **on or before 12 December 2014 (Friday)** .

5.   Regulations for the captioned competition are attached (Appendix 8b) .

Contact Person

6.   For enquiries, please contact Mr CHENG Sze-man of the Mathematics Education Section, Curriculum Development Institute, Education Bureau on 2153 7436.

Application Form

Mathematics Education Section
Education Bureau
4/F, Kowloon Government Offices
405 Nathan Road
Kowloon
Fax No.: 3426 9265
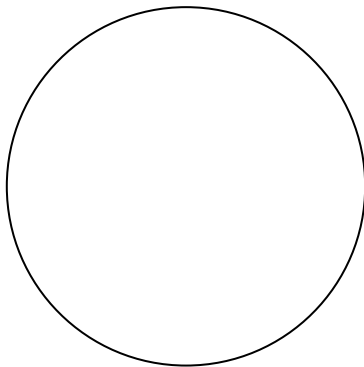**(Attn: Mr CHENG Sze-man)**

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My school would like to nominate the following students to take part in the captioned competition:

No.	Name of Student		Sex (M/F)	Class
	Name in English (**BLOCK LETTERS**)	Name in Chinese		
1				
2				
3				
4				
5				
6				

Dr / Mr /Mrs /Miss* _____ will be in charge of the school team.
* *Delete whichever inapplicable.*

Signature of Principal: _____

Name of Principal: _____

School: _____

Address: _____

_____

Tel. No.: _____ Fax No.: _____

Date: _____

**The Thirty-second Hong Kong Mathematics Olympiad (2014/15)
Regulations (Heat Event)**

1. The Heat Event consists of three parts: 40 minutes for the individual event, 20 minutes for the group event and 20 minutes for the geometric construction event.

2. Each team should consist of 4 to 6 members who are students of **Secondary 5** level or below.   Any 4 of them may take part in the individual event and any 4 of them may take part in the group event and the geometric construction event.   Teams of less than 4 members will be disqualified.

3. Members of each team, **accompanied by the teacher-in-charge, should wear proper school uniform** and present **ID Card or student identification document** when registering at the venue reception not later than 9:20 a.m.   Failing to do so, the team **will be disqualified**.

4. Verbal instructions will be given in Cantonese.   However, for competitors who do not understand Cantonese, written instructions in both Chinese and English will be provided. Question papers are printed in both Chinese and English.

5. Each member of a team has to solve 10 questions in the individual event and each team has to solve 10 questions in the group event and 3 questions in the geometric construction event.

6. In the group event and geometric construction event, discussions among participating team members are allowed provided that the voice level is kept to a minimum.

7. Please note that

    (a) for the individual and group events, devices such as calculators, four-figure tables, protractors, compasses, set squares and rulers will not be allowed to be used; and

    (b) for the geometric construction event, only writing instruments (pens, pencils, etc), **straightedge provided and compasses** will be allowed to be used;

    otherwise the team will be disqualified or risk deduction of marks.

8. **All answers in the individual event and the group event should be numerical and reduced to the simplest form unless stated otherwise.   No proof or demonstration of work is required.**

9. Participants having electronic communication devices should have them turned off (including the alarm function) and put them inside their bags or under their chairs.

10. For the individual event, 1 mark will be given to each correct answer. The maximum score for a team should be 40.

11. For the group event, 1 mark will be given to each correct answer. The maximum score for a team should be 10.

12. For the geometric construction event, the maximum score for a team should be 10 and all working (including construction work) must be clearly shown.

13. No mark for speed will be awarded in the Heat Event.

14. Participants should bring along their own instruments, e.g. **ball pens**, **pencils and compasses**.

15. The 50 teams with the highest aggregate scores (sum of the scores in the individual event, the group event and the geometric construction event) will be qualified for the Final Event.

16. Awards:
    (a) For the individual event,

        (i) candidates obtaining full marks will be awarded First-class honour certificates ;

        (ii) candidates obtaining 9 marks will be awarded Second-class honour certificates ; and

        (iii) candidates obtaining 7 − 8 marks will be awarded Third-class honour certificates.

    (b) For the group event, teams obtaining full marks will be awarded certificates of merit.

    (c) For the geometric construction event, teams having outstanding performance will be awarded certificates of merit.

    (d) About 10% of participating schools with the highest aggregate scores (sum of the scores in the individual event, the group event and the geometric construction event) in each region will be awarded certificates of merit.

17. Should there be any queries, participants should reach the Centre Supervisor immediately after the competition. The decision of the Organising Committee on the queries is final.