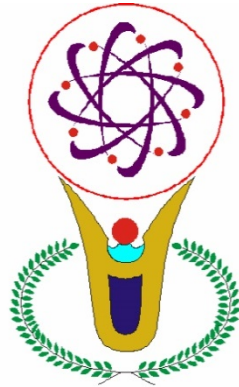


INFORMATION SHEET

14th INTERNATIONAL MATHEMATICS AND SCIENCE OLYMPIAD (IMSO 2017)



Ministry of Education
SINGAPORE

“Smart, Skilled, and Creative In a Joyful Competition for Excellence”

1. Objectives

IMSO 2017 aims to provide opportunities

- To develop elementary school students' talent and interest in Mathematics and Science.
- To motivate the elementary school students in developing their intellectual capacity and skills in Mathematics and Science.
- To foster friendly relationships between elementary school students of different countries.

2. Programme Outline

Date (Day)	Programme (Tentative)	
	Morning	Afternoon
20 th Nov 2017 (Monday)	Arrival of team delegates and registration Briefing to participants, team leader and tutors (1600 hours) Opening Ceremony (1700 hours)	
21 st Nov 2017 (Tuesday)	✓ Theory exams (I)	✓ Theory exams (II) ✓ Social cultural programme

Date (Day)	Programme (Tentative)	
	Morning	Afternoon
22 nd Nov 2017 (Wednesday)	<ul style="list-style-type: none"> ✓ Math exploration exams ✓ Science experiment 	<ul style="list-style-type: none"> ✓ Educational tour ✓ Cultural Performance night
23 rd Nov 2017 (Thursday)	<ul style="list-style-type: none"> ✓ Singapore highlights 	<ul style="list-style-type: none"> ✓ Singapore highlights ✓ Award Presentation and Closing Ceremony
24 th Nov 2017 (Friday)	Departure	

3. Guidelines and Regulations

a. Participation in IMSO 2017 is by invitation only.

b. Schedule

- i. The IMSO 2017 will be held in Singapore from 20th to 24th November 2017.
- ii. Participants and officials must arrive in Singapore **before 1400 hours** on 20th November. Opening Ceremony will start at **1700 hours on 20th November**.
- iii. The working language of the event and competition is English.

c. Types of problems and test regulations

- i. IMSO 2017 is an individual competition. The problems consist of 2 parts for each subject:
 - a) Theoretical and exploration problems for Mathematics;
 - b) Theoretical and experimental problems for Science.
- ii. The problems are constructed based on Mathematics and Science elementary school curriculums, reference books, and other relevant sources, which cover intellectual, reasoning, and creativity.

iii. Participating countries are to submit two sets of proposed questions to the organising committee, 1 set for Math and 1 set for Science.

a. For Math, the set should have 4 questions for Theoretical Examination 1 (1 mark each), 3 questions for Theoretical Examination 2 (3 marks each), and 2 questions for Exploration with Mathematics (6 marks each).

b. For Science, the set should have 4 multiple-choice questions (1 mark each), 4 open-ended questions (3 marks each) and 1 problem for experimental section (12 marks).

Proposed questions are to be emailed to the Ministry of Education Singapore (MOE_IMSO_Singapore@moe.gov.sg) by 1 July 2017.

iv. Instructions and problems will be in English. Theoretical questions must also be answered in English; however the Participants are allowed to use an English dictionary. Exploratory questions and experimental problems are permitted to be translated into the participants' national languages by the tutors/trainers. The participants' answers to such questions are written in their own national languages, and would be translated by the tutors/trainers into English.

v. Participants are not allowed to bring books, scientific dictionary, calculators, and other electronic devices except English dictionary to the competition hall.

vi. Questions are set and coordinated by Ministry of Education, Singapore. NUS High School is not involved in the questions setting and discussion.

d. Participants and Officials

i. Participants

a) The participants of the Olympiad are grade V, VI or level F students, less than 13 years old before 20th November 2017. The participants should be appointed through a selection process in their respective country.

ii. Participating Countries:

- Each country is invited to send only **one (1)** Math team (of 6 participants) & **one (1)** Science team (of 6 participants).
- Indonesia, India, Philippines, South Africa, Thailand and Taiwan (former host country and country where IMSO board members came from) will be able to send maximum 2 Math teams & 2 Science teams.

iii. Officials

Each country is permitted to send only **one (1)** team leader and two **(2)** tutors/trainers.

a) Requirements for Team Leader

The team leader must be able to communicate in English.

b) Requirements for Tutors/Trainers

The tutors/trainers should master the substance of elementary school Mathematics and Science and have the ability to communicate in English.

iv. Accompanying adults

Each country is permitted to send maximum of twelve (12) accompanying adults.

e. Logistics and Expenses

- 1) Organiser will sponsor accommodation, meals and local transportation for 1 team leader, 2 tutors/trainers and maximum of 12 participants during the official IMSO 2017's period.
- 2) Any additional official and accompanying adults will be charged **US\$650. Only Indonesia, India, Philippines, South Africa, Thailand and Taiwan are allowed to send additional participant. Each additional participant will also be charged US\$650.**
- 3) Participating countries will be responsible for organising and financing their own flights to and from Singapore, visa, travel insurance and any other possible expenses for entry into Singapore.
- 4) Accommodation will be provided for 4 nights (20th to 23rd November). The accommodation is planned based on twin-sharing. Details of the accommodation will be provided later.
- 5) Entry visa to Singapore: IMSO 2017 participants must have a roundtrip airline ticket. Team leader of participating country must check their delegation's visa requirements before entering and leaving Singapore. For detailed and updated information, please contact the local Singapore Embassy or consulates.

f) Forms and dates

Country can indicate and register your participation in IMSO 2017 through the IMSO registration website at <http://oas.nushigh.edu.sg/invite>. Registration will be done in 3 phases as shown in table below.

Your country's unique log-in ID and password (case sensitive) are as follows:

Log-in ID: 16xxx
Password: a6D4KjCountries

Please refer to Page 8 to 10 for the guide on using the Phase 1 online registration portal. For the guide of Phase 2, it will be sent after your indication in Phase 1. Please register your participation in IMSO 2017 before 21st June 2017.

Phase	Form	Opening / Closing Dates of the three phases
1	<p><u>Participation</u> <i>Complete this form to indicate whether your country would like to participate in IMSO 2017 and provide details of a contact person whom organising committee can liaise with.</i></p>	<p>Opening Date: 1st June 2017 Closing Date: 21st June 2017 or when event reaches capacity, whichever is earlier.</p>
2	<p><u>Student Participants' Details</u> <i>Complete this form to provide detailed information for each student participant.</i></p> <hr/> <p><u>Leader(s) and Tutors/Trainers Participants' Details</u> <i>Complete this form to provide detailed information for team leader(s) and tutors.</i></p> <hr/> <p><u>Accompanying Adults Details</u> <i>Complete this form to provide detailed information for accompanying adults.</i></p>	<p>Opening Date: 27th June 2017 Closing Date: 31st July 2017</p>

Phase	Form	Opening / Closing Dates of the three phases
	<p><u>Extension of Stay</u> <i>Complete this form only if there is an extension of your stay.</i></p> <p><i>Note: If your stay extends beyond the official IMSO 2017's period, participating countries will have to arrange and pay for your own accommodation, programme, meals, local transport and airport transfer.</i></p>	
3	<p><u>Flight Information</u> <i>Complete this form to provide details of your flight.</i></p>	<p>Opening Date: 27th June 2017 Closing Date: 4th September 2017</p>

g. Juries

The juries are appointed by the Ministry of Education, Singapore.

h. Evaluation

- 1) The participants should answer all the questions.
- 2) The juries score the answers and the results are submitted to the tutors/trainers of each country.
- 3) Tutors/trainers are allowed to respond to the juries' scoring results through moderation.
- 4) The juries will announce the winners based on the scoring results. The winners are decided by the percentages of correct answers.

i. Medals and Trophies

- 1) Approximately two-thirds of the participants will be awarded gold, silver, bronze medals. Each participant will receive a certificate of participation.

- 2) Trophies will be awarded to participants with the highest score for each part of the problem and the overall score of both parts of the problem.

j. Medical Care

- 1) In case of **minor emergency (such as flu, fever etc)**, the organizing committee will provide medical care to the delegations including additional participants, and cover the expenses.
- 2) Country should ensure that all members of their delegation are fully insured before coming to Singapore.

k. Additional Information

- 1) Participating country is to prepare a performance (of not more than 10 minutes) for the cultural night. If the performance has audio or video, please copy it into a CD/DVD and pass to organizing committee upon your arrival in Singapore.
- 2) There will be some time set aside for participants to interact with each other and to exchange gifts before the start of the cultural night.
- 3) Delegation should bring along their country flag (size guide: 1m x 1.5m).

USER GUIDE FOR THE ONLINE REGISTRATION (PHASE 1)

Insert guide.

The user guide of Phase 2 and 3 online registration portal will be sent after your indication in Phase 1.

If you encounter any difficulties with the online registration system or have any enquiries about IMSO 2017, please contact Ms Chloe Sion or Ms Kate Tan at imso2017@nushigh.edu.sg.

