

INFORMATION SHEET

1. SISC 2007 aims to provide students with the opportunity to be innovative, creative and to develop in them a global mindset in the pursuit of knowledge. The biennial event allows students to showcase and pit their skills in a rigorous competition in the application of knowledge in the sciences. Students will have the opportunities to interact in social and cultural activities
2. SISC 2007 also aims to build the capacities of our educators in science education through the teachers' and principals' programmes. It provides opportunities for science educators to engage in professional discourse and establish and develop ties with counterparts from other schools from around the world.
3. The working language of the event is English.
4. The event will be held from **20 to 26 May 07** in Singapore. It is open to all students 16 – 18 years old in 2007.

Programme Outline

5. The following is the tentative programme outline of the event.

Date/Day	Students	Teachers	Principals
20 May Sun	Arrival of Participants		
21 May Mon	Set-up of Research Projects		
22 May Tues	Opening Ceremony		
	Research Project Judging	Professional Sharing	Guest Lecture
	Release of Science Challenge Question		
23 May Wed	Public Exhibition of Research Projects		
	Student Activities	Pedagogical Workshop	Professional Sharing
24 May Thu	Educational Visits Cultural Activities		
25 May Fri	Science Challenge Oral Presentation Award Presentation & Closing Ceremony Farewell Reception		
26 May Sat	Departure of Participants		

Students' Programme

6. Each school could nominate up to 3 teams for SISC 2007, with a maximum of 3 students per team.
7. SISC 2007 comprises 2 components: Research Project and Science Challenge.

Research Project

Each team should enter at least one project for SISC 2007. The project could be done by only one student member of the team, or by more members in the team. In the event that there is more than 1 project per team, the best scoring project will be counted towards the overall challenge.

The research project will contribute 30% to the Overall Score for SISC 2007.

Science Challenge

Participants will be presented with a novel problem involving multi-disciplinary science in this component. The theme and scenario of the novel problem will be sent to the teacher-in-charge one month before the actual Challenge via email. The actual Challenge question will be released to participants on the second day of SISC 2007. Time and resources (e.g. access to internet) will be set aside for participants to engage in creative problem solving. Participants will present their solutions on the final day of competition.

The science challenge will constitute 70% of the Overall Score for SISC 2007.

8. A detailed write-up of the competition format can be found in **Annex A** together with a sample problem for the Science Challenge in **Annex B**.

Science Educators' Programme

9. SISC 2007 aims to build the capacities of educators in science education through the teachers' and principals' programmes. Accompanying teachers and principals could participate in seminars and workshops specially organised for the teaching and learning of science.

10. Each participating school can also nominate one principal and one teacher to accompany the students throughout their stay in Singapore.

11. To make the seminars more meaningful, educators are invited to share their experiences at the seminars on topics along any of the following themes:

- Pedagogies in Science Education
- Interactive Digital Media in Science Education
- Assessment in Science Education
- Practical work in Science Education
- Values in Science Education

Fees and Expenses

12. The costs for accommodation, meals, local transportation and hospitality for the students and the accompanying teacher and principal will be borne by Singapore as the host. However, the cost of travel to and from Singapore will need to be borne by the participating school.

Forms and Dates

13. Participating schools will be required to complete the following forms :

S/N	Form	Date for form to reach the Organising Committee
1.	Letter of Participation <i>Use this form to indicate whether you would like to participate in the programme.</i>	4 April 2007
2.	Student Participant Details <i>Complete this form to provide detailed information for each student participant of the programme.</i>	18 April 2007
3	Teacher/ Principal Participant Details <i>Complete this form to provide detailed information for each teacher/principal participant of the programme.</i>	18 April 2007
4	Research Project Details <i>Use this form to provide a brief write-up of your project. This will be published in the form of a commemorative booklet for SISC 2007.</i>	27 April 2007

Letter of Participation

14. Please complete the attached Letter of Participation and send it to:

Attn: Mrs Geraldine Ng
National Junior College
37, Hillcrest Road
Singapore 288913
Fax: (65) 6468 4535

15. The Letter of Participation should reach us by **4 April 2007**.

16. You can also contact Mrs Geraldine Ng for any clarifications regarding the programme.

Tel: (65) 6466 1144
Email: oh_phaik_sim_geraldine@moe.edu.sg