

Science Conference in Hyogo(guidelines for applicants)

Learning Science through English

1 Goals

- 1) To increase the opportunity to implement scientific theories from a global context by broadening students' global perspective and promoting international exchange in the science and technology fields.
- 2) To improve students' English ability, especially in the science and technology fields via the use of presentations and Q&As in English.
- 3) To foster hopes and aspirations toward a career in the science and technology fields for young people who will be the driving force of Japan in the future.

2 Hosts

Hyogo "Sci-Tech(Science & Technology)" Business Promotion Committee
Hyogo Prefectural Board of Education
14 Super Science High Schools in Hyogo Prefecture
(Akashi Kita High School, Amagasaki Oda High School, Ono High School,
Kakogawa Higashi High School, Kobe University Secondary School, Sanda Shouunkan High School,
Takarazuka Kita High School, Tatsuno High School, Toyooka High School,
Himeji Higashi High School, Himeji Nishi High School,
Mukogawa Women's University Junior & Senior High School,
Rokko Island High School, Kobe High School)

3 Sponsors and Partners

(1) Supporters

- Kobe University
- University of Hyogo
- Hyogo Science and Technology Association
- The Consortium of Universities in Hyogo, Kobe

(2) Partners

- Kobe University Science Shop
- Science Supporters Hyogo

4 Date

17th, July 2021 (Sat.) 13 : 00 ~ 16 : 30

5 Venue

This year, due to the spread of the new coronavirus infection, we will hold a science conference with a limited number of presentation groups per district to avoid the three C's (closed spaces, crowded places, & close-contact settings).

Kobe, Hanshin District

Organizing school: Kobe High School

Place: Kobe High School(1-5-1 Shironoshitadori, Nada Ward, Kobe 657-0804)

(Opening Ceremony, Special Lecture, and Q&A session Auditorium)

(Presentations, Feedback and Closing address Science Building)

Participating schools (8 schools): Amagasaki Oda High School, Kobe University Junior High School, Sanda Shouunkan High School, Takarazuka Kita High School, Toyooka High School, Mukogawa Women's Junior High School, Rokko Island High School, Kobe High School

East and West Harima area

Organizing school: Kakogawa Higashi High School

Place: Himeji Nishi High School(2-1-33 Kitayashiro, Himeji 670-0877)

Participating schools (6 schools): Akashi Kita High School, Ono High School, Kakogawa Higashi High School, Tatsuno High School, Himeji Higashi High School, Himeji Nishi High School

6 Contents & Schedule

	Kobe High School Venue	Himeji Nishi High School Venue
13 : 00 –	Reception/ Registration	Reception/ Registration
13 : 30 – 13 : 40	Opening Ceremony, Introduction of the Speaker (Auditorium)	Opening Ceremony, Introduction of the Speaker (Large Lecture Room)
13 : 40 – 14 : 20	Special Lecture by Mr. Christophe Vieira	Special Lecture by Mr. Henry Snell
14 : 20 – 14 : 30	Q&A session	Q&A session
14 : 30 – 15 : 00	Break (Presenters set up their posters/computers and get ready for presentations. Presenters and audience move to the venue for presentations.)	Break (Presenters set up their posters/computers and get ready for presentations. Presenters and audience move to the venue for presentations.)
15 : 00 – 16 : 00	Presentations with posters and slides (using 7 classrooms on 1F~4F of the Science Building) *1 20 minute cycle (15 min presentation and 5 min break)×3 times *2 Announcements will be made over the broadcasting system. Please follow the instructions. <u>PRESENTATION: 15 min + Intervals: 5 min</u> Round 1(15 : 00–15 : 15) Round 2(15 : 20–15 : 35) Round 3(15 : 40–15 : 55)	Presentations with posters and slides (Large Lecture Room) *1 20 minute cycle (15 min presentation and 5 min break)×3 times *2 Announcements will be made over the broadcasting system. Please follow the instructions. <u>PRESENTATION: 15 min + Intervals: 5 min</u> Round 1(15 : 00–15 : 15) Round 2(15 : 20–15 : 35) Round 3(15 : 40–15 : 55)
16 : 10 – 16 : 30	Feedback and Closing address (Each Floor)	Feedback and Closing address (Large Lecture Room)

Since the event will be held at different venues, the time slots may change depending on the situation.

7 Eligibility for Participation

- (1) Only students at a high school, a technical college (year 1-3), and/or a six-year secondary school (year 4-6) can participate as presenters. However, for this year, we will limit the number of presenters to students from SSH schools in each district with about two groups from each school in order to avoid the three C's.
- (2) This year, due to the spread of the new coronavirus infection, parents are not allowed to participate as audience members in order to avoid close contact. Each school is requested to contact the organizing school in advance about participating teachers other than the lead teacher.
- (3) It is free of charge to enter the conference as a presenter or an audience member. However, no travel expenses for students or teachers will be covered. Teachers' travel expenses will need to be covered by their respective schools.

8 Application

Please fill out the application form and complete the procedure below **by 25th, June 2021**. Please enter your presentation title and summary (about 100 words) in English.

Email the application form as an attached file to the following address.

E-mail : kobe-hs-core@hyogo-c.ed.jp (Hyogo Prefectural Kobe High School, Mr. Nakao)

E-mail title : 「SC 申込」 File name : 「SC 団体名」 (ex.) 「SC 神戸高」

9 Presentations

- (1) The presenters must present using a poster or slides. The presentation, poster/slides, and questions and answers must be in English. Explanatory notes and additional materials in Japanese can be used if necessary. Teachers may not help during the presentations.
- (2) The presentations need to be about science and/or technology.
- (3) Presentation time is 15 minutes. This includes time for Q&A. There will be a 5 minute break between presentations; during this time audience members will be asked to please fill in the advice sheet and move to the next presenter. Every presenting group should present 3 times, but this may change according to the number of participating groups.
- (4) Each presenting group can use a poster panel which can hold one poster up to A-0 size. Kobe High School/Himeji Nishi High School will provide desks and extension cords for all groups. Please let us know if you need them or anything else in advance on the application form.
- (5) Slides will be projected onto a panel of the same size as a poster panel (A0 size). If you require a PC or projector for your presentation, you will need to bring your own.
- (6) Microphones may not be used and loud presentations are not permitted.

10 Other information

- (1) There is no parking space at both venues. Please use public transportation.
- (2) In the buildings, please do not eat or drink outside the fixed areas.
- (3) Please make sure you do not leave any garbage in the venue.
- (4) Participating schools are requested to cooperate in sending ALTs on the day of the event.

11 Contacts

Hajime Nakao, Hyogo Prefectural Kobe High School

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※You can download the application form from Kobe High School's webpage.

<http://www.hyogo-c-ed.jp/~kobe-hs/>

East and West Harima area

Presentations with posters and slides					
NO	School	Title	Presentation Round		
			1 15:00- 15:15	2 15:20- 15:35	3 15:40- 15:55
1	Himeji Nishi Senior High School	How to Cure Smartphone Addiction	●		●
2	Hyogo Prefectural Ono High School	Are Viola sieboldii and V.violacea sisters ?	●	●	
3	Hyogo Prefectural Ono High School	Hey AI! Where's"Waldo"!?		●	●
4	Hyogo Prefectural Kakogawa-Higashi Highschool	Mathematics of Origami ~Investigating the Number of Steps Required to Fold Regular Polygons~	●		●
5	Tatsuno High School	Making Casein Plastic from Milk		●	●
6	Tatsuno High School	Sympetrum Frequens Revival Project II	●	●	
7	Hyogo Prefectural Himejihigashi Senior High school	How to Reduce the Pain of Sitting in P.E-Style	●	●	
8	Hyogo Prefectural Himejihigashi Senior High school	Spectroscopy of Plasma Generated in a Microwave using a Newly Developed Simple Spectrometer with High Resolution	●		●
9	Hyogo Prefectural Himejihigashi Senior High school	What's the Color of a Shadow?		●	●
10	Akashikita Senior High School	Relationship between Catch in the Seto Inland Sea and Nutrients	●		●

Kobe, Hanshin District

Presentations with posters and slides					
NO	School	Title	Presentation Round		
			1 15:00- 15:15	2 15:20- 15:35	3 15:40- 15:55
11	Hyogo Prefectural Sanda Shoukan High School	Breeding Project of Blue Leaves ~Color Change of Anthocyanin~	●	●	
12	Hyogo Prefectural Sanda Shoukan High School	Suppression of CO2 emission with Azuki bean pods.	●	●	
13	Kobe University Secondary School	Impression of the Cityscape: Factors and Ways to Improve the Impression of the Cityscapes	●		●
14	Kobe University Secondary School	Nutrient Circulation of Small Scale Ecosystem		●	●
15	Kobe Municipal Rokko Island High School	Hysterical strength of Egeria densa	●	●	
16	Toyooka High School	The Body Color Change of Japanese Fire Belly Newts		●	●
17	Hyogo Prefectural Takarazuka-Kita Senior High School	A Proposal for Solving Salesman Problem on Focusing on Computation Time	●		●
18	Hyogo Prefectural Takarazuka-Kita Senior High School	Conditions of Shells for Shell Exchange, which Pagurus minutus Value ~Comparison between individuals in different	●	●	
19	Mukogawa Women's University Junior & Senior High School	The Influence on Health of Eating Brown Rice Instead of White Rice		●	●
20	Amagasaki Oda Senior High School	Algorithm Calculations	●		●
21	Amagasaki Oda Senior High School	Math × Analog Game ~Calc~	●	●	
22	Hyogo Prefectural Kobe High School	Research of Static Electricity ~Find a way to remove microplastics with something familiar~	●		●
23	Hyogo Prefectural Kobe High School	Measuring the amount of amino acid of plants		●	●