

Hong Kong Chemistry Olympiad for Secondary Schools (2018 - 2019)

Information Sheet

The Hong Kong Chemistry Olympiad for Secondary Schools is a project learning competition jointly organized by the Hong Kong Association for Science and Mathematics Education (HKASME), the Hong Kong Chemical Society and the Royal Society of Chemistry. It aims at promoting the interest of students in learning Chemistry and developing students' problem solving, communication and science process skills through project learning. Details of the Olympiad are given below:

- Theme** Chemistry of Group VI Elements (Oxygen, Sulphur, Selenium) 第六族化學 (氧, 硫, 硒)
- Participants** Each team comprises three to five Secondary 3-6 students and each school can present a maximum of two teams of students to compete in the Olympiad.
- Rules for the competition**
- (a) Students will design and work on their own project in school. The project should include experimental work.
 - (b) Each team of students should write up a report to give a concise and well-ordered account of their project including the objectives, an abstract of not more than 200 words, principles, experimental methods, presentation and interpretation of results, discussions, conclusions and references.
 - (c) **No school logo or name should appear on any works, otherwise participants will be disqualified.**
 - (d) The Competition consists of two rounds. A preliminary screening based on the written reports and all presentation materials will be conducted. The best 6-10 teams (approximate) will be invited to attend the Final Round Competition.
 - (e) During the Final Round Competition, each team is allowed **to give a 10-minute presentation, including a maximum of 7 minutes to report their project and 3 minutes to play the video showing their experiment.** After each presentation, there will be 7 minutes for the team to respond to questions raised by the panel of judges and the audience. The softcopies of PowerPoint, video, report, abstract and summary should be stored in a CD-R and submit to the HKASME before the Final Round Competition.
 - (f) If finalist teams participate in other competitions, they should notify the organizing committee as soon as possible so that proper arrangement could be made.
 - (g) Students can only use either Chinese or English in their project report/website and presentation. Mixed mode of both languages is not allowed.
 - (h) Schools will be responsible for the production costs of their projects.

- Adjudication** The panel of judges comprises representatives from the organizers. All projects will be judged according to the following criteria:
- (a) whether the project is relevant to the theme of the Olympiad,
 - (b) whether the chemical principles described are sound and whether the methods used are reliable,
 - (c) whether the project describes a novel but significant experience and can be used or applied in other areas,
 - (d) whether the presentation is clear and convincing, and
 - (e) other criteria as deemed appropriate by the panel of judges.

The preliminary screening will focus on the quality of projects. The final adjudication will focus on the overall performance of the team on the day of the final round competition.

Deadline for 15 Mar, 2019 (Fri) before 5:00 p.m.

Submission (to the HKASME office)

- Awards**
- Gold, silver and bronze medals will be presented to members of the first three winning teams.
 - A trophy will be presented to the school of the champion team for its retention for one year.
 - Certificates and souvenirs will also be given to all members of the finalist and commendable teams.

Enquiries Enquiries regarding the Olympiad may be directed to Miss CHU of HKASME at 2333 0096

Copyright The organizers reserve the right to publish in full or part of the entries. All entries will not be returned to schools.

Safety Matter All participating schools should take all necessary safety precautions and obey laws announced by Education Bureau and other authorities.