

International Junior Science Olympiad 2021 – Hong Kong Screening

Introduction

The International Junior Science Olympiad (IJSO) 2021 – Hong Kong Screening is co-organised by the Gifted Education Section of the Education Bureau (EDB), the Hong Kong Academy for Gifted Education (HKAGE), the Hong Kong Association for Science and Mathematics Education (HKASME). The screening aims at identifying scientifically gifted students at junior secondary levels for training in advanced science subject knowledge. It is also expected that students' collaboration skills, critical thinking skills, creativity, and communication skills would be enhanced through the IJSO student training programme. After the intensive training programme, six students may be selected to represent Hong Kong to participate in the 18th International Junior Science Olympiad to be held in early December 2021. The competition will usually last for 10 days.

The IJSO is an annual individual and team competition in the natural sciences for students below 16. Student contestants of the 18th IJSO must be born on or after 1 January 2006. Below are the aims of the IJSO:

- To promote and reward the pursuit of excellence in scientific endeavour
- To challenge and stimulate the scientifically gifted students to develop their talents
- To select the top young science student teams at the annual IJSO
- To encourage continued participation in the study of the natural sciences
- To create friendship among students around the world

The IJSO – Hong Kong Screening Steering Committee, established in 2008, would give advice on the organisation of the Hong Kong Screening and the IJSO student training programme. The one-year intensive training will consist of 3 phases lasting for 200 face-to-face teaching hours. The training will consist of lectures and practical sessions conducted in Cantonese (supplemented by English). Screening tests are to be administered after the training of each phase. The student training programme will cover the topics of the IJSO syllabus which includes topics of the local science curriculum (Physics, Chemistry and Biology) up to the level of the Hong Kong Diploma of Secondary Education Examination.

The selected student representatives may take part in the 18th IJSO. The cost of the round-trip air-tickets, boarding and meal expenses of the student contestants would be covered by the Government of the Hong Kong Special Administrative Region.

Information about IJSO 2021 – Hong Kong Screening and IJSO can be referred to the website: <https://www.hkage.org.hk/en/competitions>.