

WorldSkills Hong Kong Competition and Carnival 2017 – Showcase on Secondary Students' Skills

“Construct-a-Catapult Competition for Junior Secondary Students”

Aims / Objectives:

The “WorldSkills Competition and Carnival 2017 – Showcase on Secondary Students' Skills: Construct-a-Catapult Competition for Junior Secondary Students” is organised by the Science Education Section of the Curriculum Development Institute, Education Bureau. The competition aims to promote STEM education by providing an opportunity for students to demonstrate their creativity, collaboration and problem solving skills through designing and constructing a catapult.

Briefing Session for the Competition:

Date & Time:	3:00 p.m. to 5:00 p.m. on 24 March 2017 (Friday)
Venue:	Room W301, 3/F, West Block, EDB Kowloon Tong Education Services Centre, 19 Suffolk Road, Kowloon Tong
Participants:	Teacher-in-charge and students
Application procedure for briefing session:	Complete and return the Enrolment Form (Appendix 6f) by fax. [Fax no. 2194 0670]
Deadline for application:	On or before 17 March 2017 (Friday)
Remarks:	Schools are encouraged to nominate teachers and students to attend this briefing session. All nominations will be accepted unless otherwise notified.

Application for the Competition:

Each team of students nominated to participate in the competition are required to produce a short video clip of **not more than 5 minutes** for submission together with the school's Nomination Form. The video clip should demonstrate students' initial attempts on the design, construction and operation of a catapult in the school, and explain the scientific knowledge related to the physics of catapult.

Application procedure for the competition:	Complete the Nomination Form (Appendix 6e). Submit the form [either <u>by post or by hand</u>] together with a CD-ROM containing the required video clip(s) to: Science Education Section, CDI Room E232, EDB Kowloon Tong Education Services Centre, 19 Suffolk Road, Kowloon
Deadline for application:	On or before 5:00 p.m. on 28 April 2017 (Friday)
Announcement of results:	Schools will be notified the shortlisted results and also the session(s) of the competition to join on or before 31 May 2017

Preliminary arrangements of the Competition:

1. Contestant teams are required to design and construct a catapult, and use it to project a small object beyond a certain distance or to hit a specified target.
2. The competition comprises three sessions, each of which is of three hours, including the time for design, construction and adjudication. The 30 shortlisted teams will be allocated to one of the sessions by the Organiser.
3. The Organiser will brief the contestants at the start of the competition on the specific task to complete in the competition and the regulations, and provide the construction materials and tools required for contestants' use.

For enquiry, please contact Science Education Section, Curriculum Development Institute, Education Bureau at 3698 3448.

Chinese version:

<http://applications.edb.gov.hk/circular/upload/EDBCM/EDBCM17047C.pdf>

English version:

<http://applications.edb.gov.hk/circular/upload/EDBCM/EDBCM17047E.pdf>