



少年警訊創新科技大賽 2024-25

JPC Innovation and Technology Competition 2024-25

Competition Guideline

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(I) Brief Details of the Competition

Introduction

The Junior Police Call (JPC) has been committed to providing a wide range of activities and training for young people over the years. In 2021, a new strategy – IDEAS@JPC – was introduced, where ‘I’ stands for Innovation, ‘D’ for Discipline, ‘E’ for Exposure, ‘A’ for Adventure and ‘S’ for Synergy. JPC has also introduced the annual JPC Award Scheme to encourage young people to participate in various activities, nurturing more young leaders to fight crime together.

To suit the needs of students, align with the development trends of STEAM education and promote the development of innovative thinking activities under the new strategy of JPC, JPC has organised the annual JPC Innovation and Technology Competition since 2021, receiving widespread acclaim. Consequently, JPC will host the JPC Innovation and Technology Competition 2024-25 (the Competition) from November this year to February next year. Divided into three phases - learning; competition; and award presentation and exhibition, the Competition will continue to be based on the concept of a “Smart City”, allowing primary and secondary school students to propose innovative and feasible solutions through experiential learning.

Objective

The Competition aims to provide a suitable platform for students to engage in experiential learning and propose innovative and feasible solutions to put the concept of a “Smart City” into practice. It has also incorporated more policing and hi-tech elements including community safety, fraud prevention and crime fighting, youth drug prevention, artificial intelligence, and gerontechnology, which not only help students gain a better understanding of police work but also allow them to express their creativity and work together to prevent and combat crime.

Categories

- Junior Primary School Category (Primary One to Three)
- Senior Primary School Category (Primary Four to Six)
- Junior Secondary School Category (Secondary One to Three)
- Senior Secondary School Category (Secondary Four to Six)

Topics

- Community Safety
- Fraud prevention and crime fighting
- Youth drug Prevention
- Artificial Intelligence
- Gerontechnology

Eligibility

- Hong Kong residents only
- Daytime students from Hong Kong primary and secondary schools or Greater Bay Area JPC School Club Schools

Sponsoring Organization

- Bank of China (Hong Kong) Limited

Supporting Organizations

- Education Bureau
- Innovation, Technology and Industry Bureau
- Digital Policy Office
- Association of I.T. Leaders in Education
- Hong Kong Applied Science and Technology Research Institute
- Hong Kong Computer Society
- Hong Kong Cyberport Management Company Limited

- Hong Kong Extra-curricular Activities Masters' Association
- Hong Kong New Emerging Technology Education Association
- Hong Kong Productivity Council
- Hong Kong STEM Education Alliance
- Hong Kong Science and Technology Parks Corporation

(II) Competition Awards

There are over 100 awards in the Competition, with a champion, a first runner-up and a second runner-up in each category. Prizes include scholarships, certificates or trophies. Besides, award winners will have the opportunity to:

- (1) to receive assistance from supporting organizations to optimize and market the award-winning entries; and
- (2) receive invitation to join free activities including Advanced Information Technology Training Course or Innovation and Technology Cultural Exchange Tour.

Scholarships (HK\$) (Calculated per participating unit)				
Awards	Junior Primary School Category	Senior Primary School Category	Junior Secondary School Category	Senior Secondary School Category
	(Individual Enrolment)	(Individual or Team Enrolment)		
	Creative Design Drawing (A3 Size)	Project Report and Tangible Entry		
Champion	\$6,000	\$10,000	\$10,000	\$10,000
First runner-up	\$4,000	\$8,000	\$8,000	\$8,000
Second runner-up	\$3,000	\$6,000	\$6,000	\$6,000
Outstanding Performance Award		\$3,000 (5 individuals/ teams)	\$3,000 (5 individuals/ teams)	\$3,000 (5 individuals/ teams)
Best Safe City Award (Community Safety)	-	\$2,000	\$2,000	\$2,000
Best Safe City Award (Fraud Prevention and Crime Fighting)	-	\$2,000	\$2,000	\$2,000
Best Safe City Award (Youth Drug Prevention)	-	\$2,000	\$2,000	\$2,000
Best Smart City Award (Artificial Intelligence)	-	\$2,000	\$2,000	\$2,000
Best Smart City Award (Gerontechnology)	-	\$2,000	\$2,000	\$2,000
Commendation Award	\$800 (10 individuals)	\$1,500 (10 individuals/ teams)	\$1,500 (10 individuals/ teams)	\$1,500 (10 individuals/ teams)
Most Active School Participation Award (3 awardees)	Trophy	Trophy	Trophy	Trophy
Best Coaching Teacher Award (3 awardees)	Trophy and Certificate	Trophy and Certificate	Trophy and Certificate	Trophy and Certificate
Most Active District JPC Participation Award (3 awardees)	Trophy	Trophy	Trophy	Trophy

*** Total value of prizes: \$212,000**

(III) Competition Information

Competition Schedule

Date	Key activity
7 February 2025 (12:00 noon)	Deadline for Entry Submission Junior Primary School Category - Creative Design Drawing and the Brief Description Form (Annex A) Senior Primary School, Junior Secondary School and Senior Secondary School Categories - Project Report (Annex B) and Explainer Video - Shortlisted participants will be notified to submit their Creative Entries within February 2025
11 to 18 February 2025	Online judging
8 March 2025	Finals, shortlisted participants will do live presentation
13 March 2025	Announcement of winners
11 to 12 April 2025	Award ceremony and exhibition of winning entries

Learning Phase

To raise students' understanding of STEAM disciplines and the concept of a 'Smart City', JPC has prepared the following resources for learning and reference:

- A series of short videos introducing the latest technological developments in the country;
- A series of electronic teaching workshop videos related to the four areas of mobility, living, environment and economy within the context of a "Smart City"; and
- Short-term innovation and technology activities.

For more details about the Competition, please click [here](#) to visit the Competition's website or download the JPC mobile application.



JPC App

Competition Procedures

- 1. Read the competition guideline carefully** >
- 2. Submit the enrolment form (an entry number will be provided)** >
- 3. Conduct research and participate in JPC innovative thinking activities** >
- 4. Create the entry and conduct research** >
- 5. Submit the entry**

Enrolment Details

Students can register to participate in the Competition by the following means:

1. Visiting the JPC website (<https://www.jpcitc.hk>); or
2. Completing an enrolment form (its e-version can be downloaded [here](#)) and returning the form by:
 - mail (Address: Team 3, JPC Section, Public Relations Wing, 15F, Revenue Tower, 5 Gloucester Road, Wan Chai, Hong Kong, date of postmark no later than the deadline);
 - in-person delivery to the JPC Innovation and Technology Competition 2024-25 entries collection box (at the reception on 1/F, Arsenal House, Police Headquarters, 1 Arsenal Street, Wan Chai, Hong Kong) during office hours;
 - in-person delivery to police stations in various districts (addressed to the Police Community Relations Office); or
 - Group enrolment and submission (enrolment form collected by and submitted via schools or organizations):
 - Participants can directly pass the completed enrolment forms to the representatives of the schools or organizations (if any) who will submit the enrolment forms on their behalf. No further online enrolment is required.

The ‘JPC Innovation and Technology Competition 2024-25 Enrolment Form’ must be clearly marked on the envelope containing the completed enrolment form. The closing date for enrolment is **7 February 2025 (12:00 noon)** (date of postmark no later than the deadline). **Participants who have successfully made an enrolment will receive a confirmation email bearing their Entry Number (on or before 7 February 2025).**

(IV) Competition Entries

Submission of Entries

Participants who have enrolled in the competition must submit the following entries according to their categories:

Junior Primary School Category	Creative Design Drawing (A3 Size) and the Brief Description Form (Annex A)
Senior Primary School, Junior Secondary School and Senior Secondary School Categories	Project Report (Annex B), Explainer Video and Creative Entry

Junior Primary School Category – Creative Design Drawing (A3 Size) and the Brief Description Form (Annex A)

Note: Participants can make use of their innovative thinking skills to present on drawing paper anyone of the themes of community safety, fraud prevention and crime fighting, youth drug prevention, artificial intelligence, and gerontechnology in the form of drawing. This is an opportunity for them to promote and share their ideas and vision for the themes with the public.

Enrolment Rules:

1. Participants must be daytime primary one to three students from Hong Kong primary schools or Greater Bay Area JPC School Club;
2. This category is open to individual participants only, i.e. no team enrolments are allowed. The Creative Design Drawing (A3 Size) (the Drawing), including both the conception and the drawing, must be completed by the participants on their own;

3. The Drawing must be done on a drawing paper of A3 size [42 cm x 29.7 cm (+/-2 cm)];
4. Participants are free to adopt any form (e.g. oil painting, Chinese painting and crayon drawing are all acceptable), style and materials for the Drawing, as long as the entries are two-dimensional drawings. Other types of art or handicraft, including three-dimensional entries, will be rejected;
5. After completing the Drawing, participants should also complete the Brief Description Form (Annex A) (100 - 300 words) introducing the underlying concept; and
6. The Brief Description Form can be either completed with a ballpoint pen or electronically in a Microsoft Word file (in .doc or .docx format) and printed out afterwards. (E-version of the Brief Description Form in Microsoft Word format could be downloaded [here](#))

Judging Criteria:

Criterion	Description	Weighting
Innovativeness	Choice of topic, creativity and novelty	40%
Scientific quality	Scientific foundation and logical thinking	30%
Artistic quality	Layout, colouring and drawing skills	30%

The following kinds of entries will not be considered:

- Works that are i) plagiarized; ii) inconsistent with the size specified; iii) found to contain copyrighted images; iv) submitted without the Entry Number displayed on the item (except group submission); and v) three-dimensional will be disqualified.

Submission Guidelines:

For Creative Design Drawings (A3 Size) (the Drawing) in the Junior Primary School Category, participants must submit the completed Drawings and the Brief Description Form together before the deadline for entry submission. Entries have to be submitted by the following means (No online submission will be accepted):

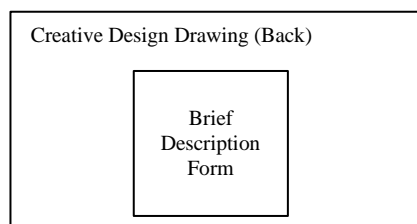
1. mail (Address: Team 3, JPC Section, Public Relations Wing, 15F, Revenue Tower, 5 Gloucester Road, Wan Chai, Hong Kong, date of postmark no later than the deadline);
2. in-person delivery to the JPC Innovation and Technology Competition 2024-25 entries collection box during office hours (at the reception on 1/F, Arsenal House, Police Headquarters, 1 Arsenal Street, Wan Chai, Hong Kong); or
3. in-person delivery to police stations in various districts (addressed to the Police Community Relations Office).
4. Group Enrolment and Submission (collected by and submitted via schools or organizations):
 - Participants can directly pass the completed enrolment form and the Creative Entries to the representatives of the schools or organizations. Then the representatives will submit the enrolment forms on their behalf.
 - Participants can directly pass the completed enrolment form, together with the completed Drawing and the Brief Description Form (no need to fill in the Entry Number), to the representatives of the schools or organizations (if any), who will make the submission on their behalf. No further online enrolment is required.

Submission Notes:

- No further online enrolment is required for participants who submit their entries via schools or organizations;
- If the Drawing comes with packaging, it must be clearly marked the 'JPC Innovation and Technology Competition 2024-25 Junior Primary School

Category's Competition Entry'; and

- The Brief Description Form showing the Entry Number (except group submission's participants), the name of the entry, and the name of the participant must be affixed properly to the centre of the back of the Drawing as shown in the following illustration:



The Brief Description Form should be attached to the centre of the back of the Drawing

Senior Primary School, Junior Secondary School and Senior Secondary School Categories – Project Report (Annex B), Creative Entry and Explainer Video

Note: Participants are required to choose a theme from such topics as community safety, fraud prevention and crime fighting, youth drug prevention, artificial intelligence, and gerontechnology. Making use of their STEAM-related knowledge and skills to conduct research on the chosen theme, they then have to create new products or technologies with practical applications, or produce functional physical models scaled proportionally. They also have to write reports and create short videos documenting the research, experimentation and investigation processes, so that they can share what they have learnt with the public.

Enrolment Rules:

1. Participants must be daytime primary four to secondary six students from Hong Kong primary and secondary schools or Greater Bay Area JPC School Club;
2. These categories are open to individuals and teams (no more than five members in each team). The entire process including research, creation and production of physical models must be completed by the participant(s) and teammates on their own;
3. The Project Report should be submitted together with the Explainer Video introducing the entry before the entry submission deadline. The Explainer Video has to be marked with the same Entry Number.
4. The Creative Entry should conform to the dimensions of 60 cm in length by 60 cm in width by 60 cm in height (+/- 2 cm). JPC staff should be informed if the Creative Entry exceeds the size specified;
5. Participants have to make a short video to introduce their completed Creative Entries. The short video should be in mp4 or mov format, no larger than 100MB in file size and no longer than three minutes in length, with Chinese or English commentary introducing the Creative Entries;
6. In writing up the Project Report (Annex B), participants must complete the following sections: Entry Description in Section A (between 100 and 300 words) and Subject of Study in Section B (not more than 3,000 Chinese characters / 3,500 English words). Additional information is not necessary;
7. The Project Report, which should give a brief description of the underlying concept and a detailed explanation about the Creative Entry, can be either completed with a ballpoint pen or electronically in a Microsoft Word file (in .doc or .docx format) and printed out afterwards (e-version of the Project Report can be downloaded [here](#));
8. The Creative Entry must not violate the law or undermine the public interest; and

Judging Criteria:

Criterion	Description	Weighting
Innovativeness	Difficulty of the chosen topic, novelty and sophistication of the research methodology	30%
Scientific quality (research)	Rationality, accuracy and relevance of the scientific theories and research methodology, or the foreseeable social benefits, application and contribution of the research	30%
Usefulness (invention)		
Rigor	Citation of adequate data and scientific literature to back up the research, and the completeness of the research and invention project	20%
Conclusion and summary	Competence and performance in collating data, presenting arguments and drawing conclusions	20%

Entry Submission Method:

Participants from the Senior Primary School, Junior Secondary School and Senior Secondary School Categories who have enrolled in the competition and received an Entry Number must submit their completed Project Report (Annex B) and Explainer Video by the submission deadline in the following manner. Shortlisted participants are required to bring their Creative Entries to the Police Officers' Club (Address: 28 Hong Hing Road, Causeway Bay, Hong Kong) on **8 March 2025** to attend the judging session, and they must submit their Creative Entries to JPC staff after the judging activity is completed.

JPC Website:

Upload the completed Project Report (Annex B) in Microsoft Word (.doc or .docx) electronic format (no larger than 20MB in file size) and the Explainer Video in mp4 or mov format (no larger than 100MB in file size) to the JPC website (<https://www.jpccitc.hk>).

(V) Points to Note

1. JPC will notify and contact participants via email (for purposes including but not limited to invitations to attend activities related to the Competition and providing submission methods for the Creative Entry). Participants must ensure that they clearly fill in a frequently used email address during registration and check their inbox regularly;
2. Participants who upload their entries to the JPC website will receive a confirmation email to acknowledge the receipt of their entries (on or before **7 February 2025**);
3. Failure to submit Creative Design Drawing, Brief Description Form, Project Report and Explainer Video that comply with requirements by the submission deadline will lead to automatic disqualification from the Competition. Disqualified participants will not receive a certificate of participation;
4. Entries must be based on the research that began in or after **February 2023**, i.e. within two years before the closing of enrolment of the Competition;
5. Entries that had participated in the second and third JPC Innovation and Technology Competition held in 2022 and 2023 and won the Champion/First Runner-up/Second Runner-up prize will not be accepted for re-entry, except those which had been significantly modified or optimized;
6. Each entry must be submitted with a unique Entry Number specified in the confirmation email from JPC (except group enrolment and submission of entries which are collected

by and submitted via schools or organizations);

7. If the space provided in Annexes A and B is insufficient, participants may continue to fill out their reports on additional A4 paper;
8. JPC shall not be responsible for any postal damage to the entries;
9. Participants should consider in-person submission at the JPC Section of entries which are structurally complex or fragile;
10. JPC will try its best to handle all entries with care and shall not be responsible for any damage or loss during the processing;
11. After reviewing the uploaded reports and videos, JPC will individually notify and invite shortlisted participants from Senior Primary School, Junior Secondary School and Senior Secondary School Categories to bring their Creative Entries to the Police Officers' Club (Address: 28 Hong Hing Road, Causeway Bay, Hong Kong) on **8 March 2025** to attend the judging event. Shortlisted participants must submit their Creative Entries to JPC staff after the judging activity is completed;
12. Participants are advised to keep an electronic copy of the submitted materials which will not be returned after the conclusion of the Competition;
13. Participants are required to provide clear and accurate personal details, including their JPC Membership Numbers, if any. JPC has the right to disqualify any participant for supplying false or erroneous information;
14. JPC owns the copyright of all entries, which may be used in part or in full on any occasions including but not limited to internal circulation, public display, publication and/or other purposes;
15. JPC has the right to reject or disqualify any entry that is irrelevant to the theme and objective of the Competition;
16. JPC reserves the right to amend the rules and other details of the Competition and will provide relevant updates of the Competition on the JPC website and other JPC social media platforms from time to time;
17. Should there be any disputes, JPC will have the final authority to interpret the rules and make the final decision on the results of the Competition;
18. JPC shall not be responsible for any disputes related to intellectual property rights arising from the submitted entries; and
19. All JPC members participating in the Competition can get points for 'I' Innovation under the JPC Award Scheme 2025 as an encouragement. Participants in Junior Primary School Category will be awarded 50 points, while those from the Senior Primary School to Senior Secondary School Categories will be awarded 150 points. Should there be any disputes regarding points allocation, JPC will have the authority to make a final decision.

(VI) Joining JPC or Applying to Become a JPC School Club

For those interested in joining JPC, please click [here](https://www.jpcitc.hk) to browse the JPC website (<https://www.jpcitc.hk>) or apply through the JPC App.



JPC Website



JPC App

For those interested in applying to become a JPC School Club, please contact us through the following means.

(VII) Enquiries

For enquiries, please contact the staff of the JPC Section, Community Relations (1) Division, Public Relations Wing of the Hong Kong Police Force during office hours (09:00 a.m. to 17:00 p.m., Monday to Friday, except public holidays) via the following means:

Hotline for primary schools : 9877 4110

Hotline for secondary schools: 9877 4690

Email address : sgt-3b-jpc-pr@police.gov.hk

