政府資訊科技總監辦公室
Office of the Government Chief Information Officer

2021/22 School Year Application

IT Innovation Lab in Schools

29.10.2021

Background

The 2014-15 Budget — 2014-15 Budget — **ENRICHED IT PROGRAMME** 資訊科技增潤計劃

The 2019-20 Budget — 2019-20 Budget — **IT Innovation Lab in Secondary Schools** 中學IT創新實驗室計劃

2021-22年度 財政預算案 — 2021-22 Budget — **Knowing More About IT** 奇趣IT識多啲計劃

Objectives

Cultivate the interest of secondary/primary students in IT and foster an IT learning atmosphere

Lay a sound foundation in IT for the students by developing their digital skills, innovative thinking and problem solving abilities

Promote local popular science education and encourage students to choose technology-related tertiary education programmes

Encourage students to pursue an I&T career in the future, thus expanding the supply of I&T talent

Funding Scope

IT equipment and facilities

- ✓ Hardware
- ✓ Software
- ✓ Cloud Services, etc.

*Remarks: IT equipment and related services should not be more than **$500,000** during the entire programme period.*

IT Innovation Lab in Secondary School

$1M from 2020/21 to 2022/23

Organisation of IT-related activities

- ✓ Professional services for supporting the organisation of activities
- ✓ Consumables
- ✓ Accounting Services
- ✓ Audit Services
- ✓ Promotion, etc.

Current Status

The programme opened for applications from 1 December 2020

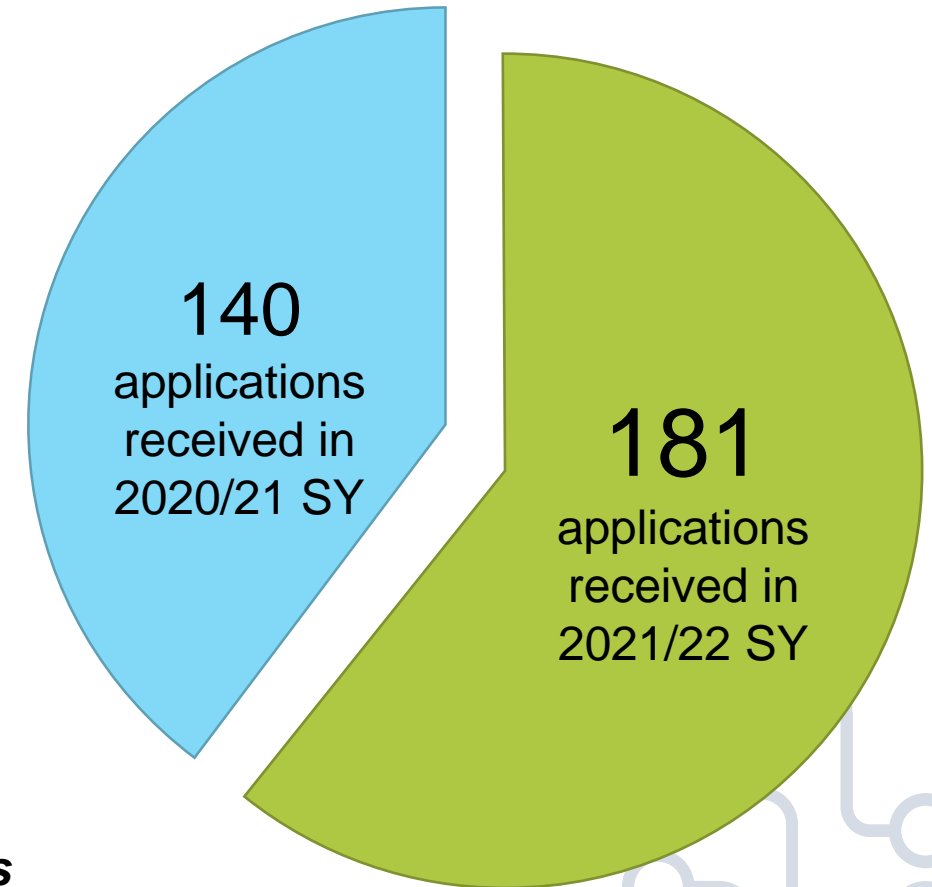**Statistics of Applications from Schools and Current Approval Status**

Total (as at end of Oct 2021)

No. of Schools Applied : 267

No. of Applications Received : 321

No. of Approved Applications : 177
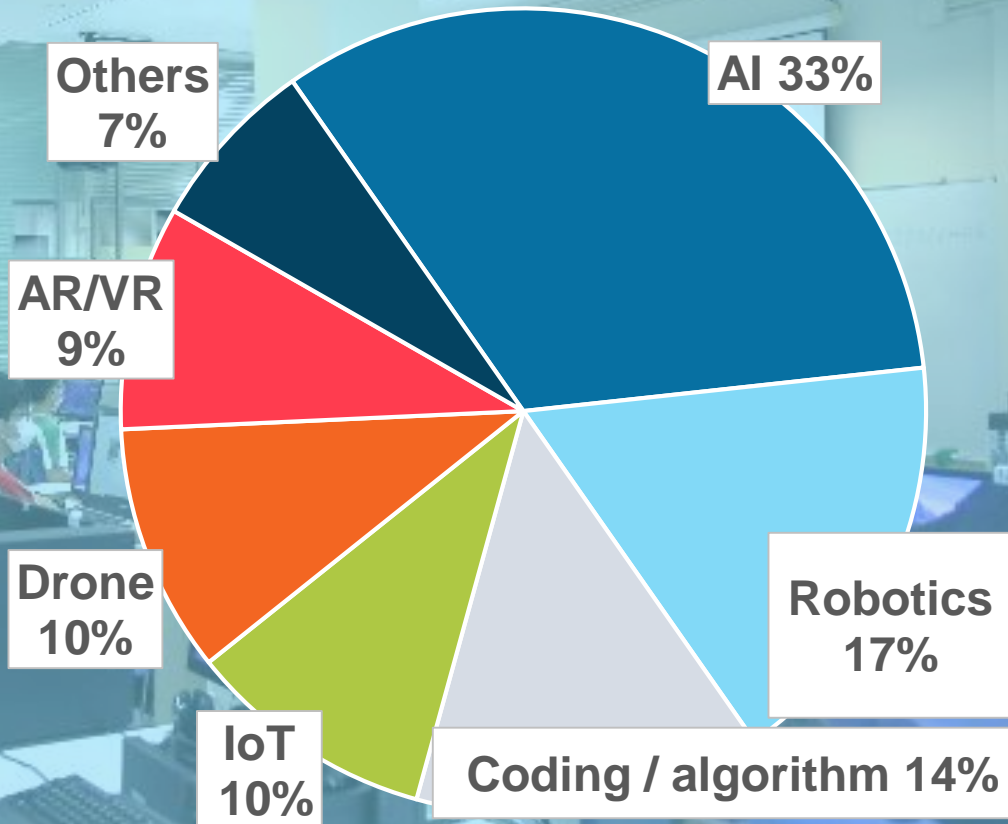
Total funding granted : $68 million

140 applications received in 2020/21 SY

181 applications received in 2021/22 SY

List of Approved Applications
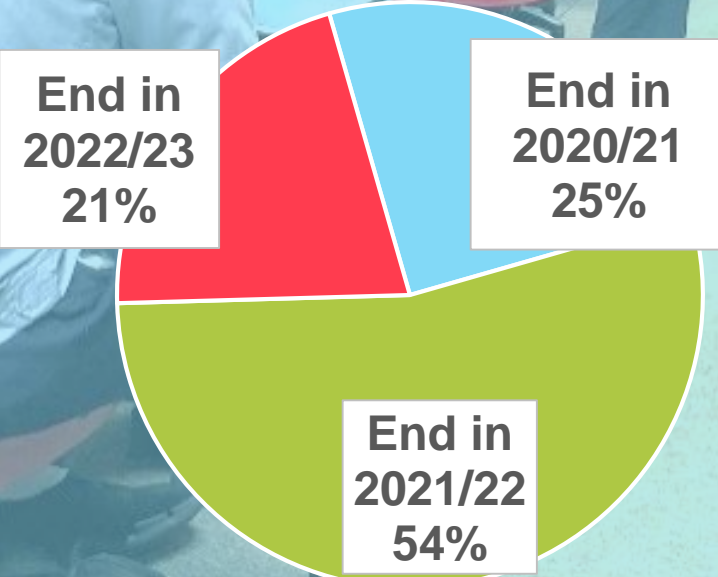https://www.it-lab.gov.hk/en/approved_application.php

Approved Activities

No. of Approved Activities : 420 (from 177 approved applications)

Distribution of Technology Theme

- AI 33%
- Robotics 17%
- Coding / algorithm 14%
- IoT 10%
- Drone 10%
- AR/VR 9%
- Others 7%

Activities Length

- End in 2020/21 25%
- End in 2021/22 54%
- End in 2022/23 21%

Reminders

Please submit the following to us

Annual Report

Online post-activity survey for students

Photos, videos, attendance lists, etc.

Flow of Application

Application → **Vetting by Vetting Committee** → **OGCIO Approval** → **Signed Reply Slip**

Within the Programme Period:

Complete survey / Submit photos, source codes, award results, etc. upon activities completion

Random Visits by OGCIO

Annual Report & Annual Plan by August

Audit Report within 3 months after project completion
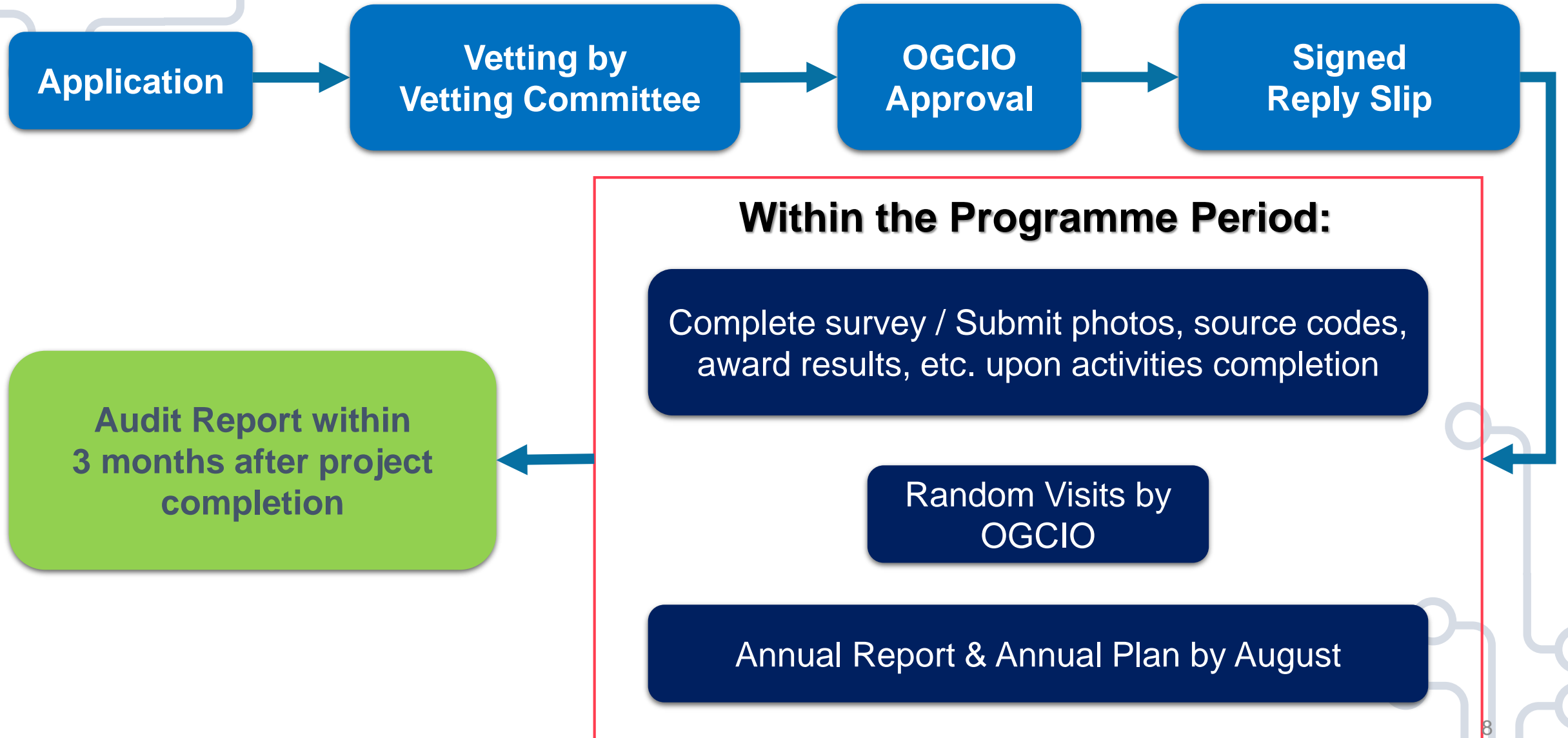
Application Tips

Many information are available from the IT-Lab thematic portal to assist your application:
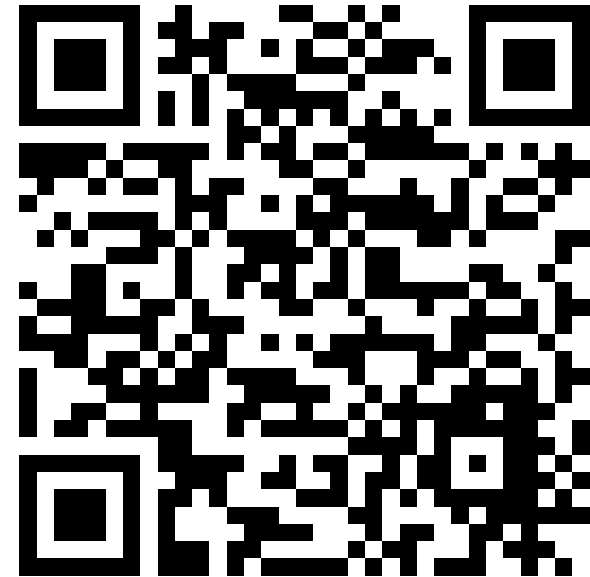
- Application Guidelines
- Approved Applications
- Reference List of IT Equipment
- Sample IT Activities
- FAQ

The Requirement of Opening a Bank Account

Requirement

- A designated bank account should be opened for the sole purpose of handling the IT-Lab Programme funding pursuant to ICAC's guideline.

- The bank account opening arrangements : https://www.hkma.gov.hk/eng/smart-consumers/account-opening/contact-details-of-banks/

Exemption Examples

- ✓ Using an existing dormant bank account

- ✓ by stepping up its financial management through a computerised accounting system

Facilitation Measures

Joint Activities Application
1. Submit the forms signed by individual principals;

2. The joint activities proposal can be prepared and submitted in separate document instead of e-form.

Applicant schools may submit joint applications through e-form submission (the same e-form as the individual application)
https://www.it-lab.gov.hk/en/application.php

Pre-submission Vetting

Pre-submission draft is welcome for IT Innovation Lab One-Stop Support Centre

Tel: 2116 9083
Email: it-lab@ogcio.gov.hk

Tips and Advice from Vetting Committee

Past Approved Applications
Typical Range of funding support per student:
$1500-$4000
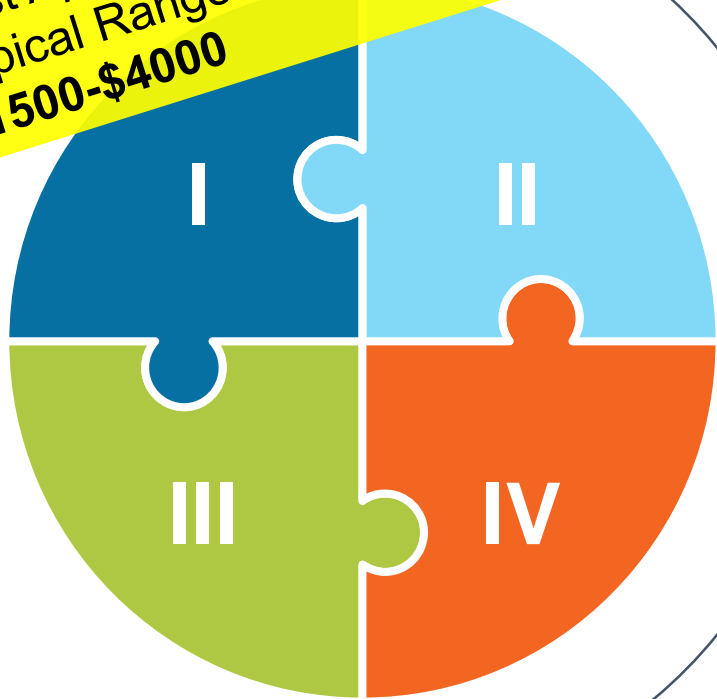
In-scope Equipment
Proposed equipment should be necessary and directly related to the proposed IT activities

IT Equipment <=$500,000
The funding for the procurement of IT equipment, infrastructure and related services should not be more than $500,000 during the entire programme period

More Participating Students
Sustainability plans for more participating students (e.g. organising more IT-related activities / rerunning the proposed activities after the end of the activities)

Cloud Services
Make good use of cloud services available in the market instead of procuring hardware equipment

Examples of Applications Not Supported by VC

The expenditure item is not directly related to or essential for implementing the proposed activity

- Upgrade of the whole school network infrastructure

- Setup of a new physical laboratory (e.g. furniture, power socket)
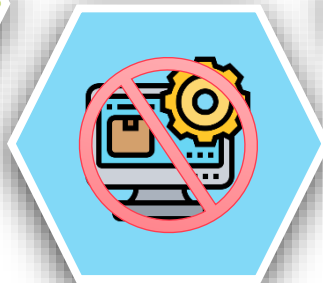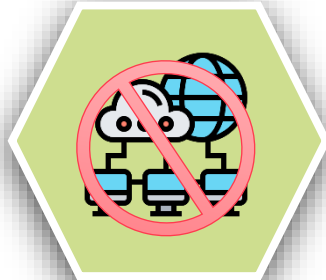
The expenditure item is not cost-effective

- Costly equipment (e.g. high cost motion capture system, CAVE system, high cost hologram devices)

- Costly computer servers

The activity is not directly related to the funding scope :
- E-learning or life planning management system

Sponsored Activities

IT Talent Competition & Collaboration to Build POC Utilizing ABCD

Re-watch the Master Classes at:

Hong Kong Fostering ICT Awards Scheme

Re-watch the online workshops at:

Innovation and Technology Festival for Secondary School Students

Hands-on workshop only (No re-watch)

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Upcoming Events – Ampower Talent Institute

Proof-of-Concept (POC) Design Competition Utilizing ABCD, Privacy-by-Design, Cybersecurity-by-Design & Open Data

政府資訊科技總監辦公室
Office of the Government
Chief Information Officer

PROOF OF CONCEPT (POC)
DESIGN COMPETITION UTILIZING
ABCD, PRIVACY-BY-DESIGN,
CYBERSECURITY BY DESIGN & OPEN DATA

...Be part of a virtual team to build a career planning app
POC design competition to encourage learning of the latest
IT concepts and early career planning amongst students

ELIGIBILTY: PRIMARY 5 TO FORM 6
SUBMISSION DEADLINE: 2 JAN 2022

(AN OGCIO SPONSORED PROGRAM UNDER THE IT INNOVATION LAB PROGRAM F0R SECONDARY SCHOOLS)

AMPOWER TALENT INSTITUTE

▶ ABOUT OUR PROGRAM

- Graphical User Interface & Design
- Essential Skills & Personality Traits X-Ray
- Career Compass & Skills Ladder Progression Mapping
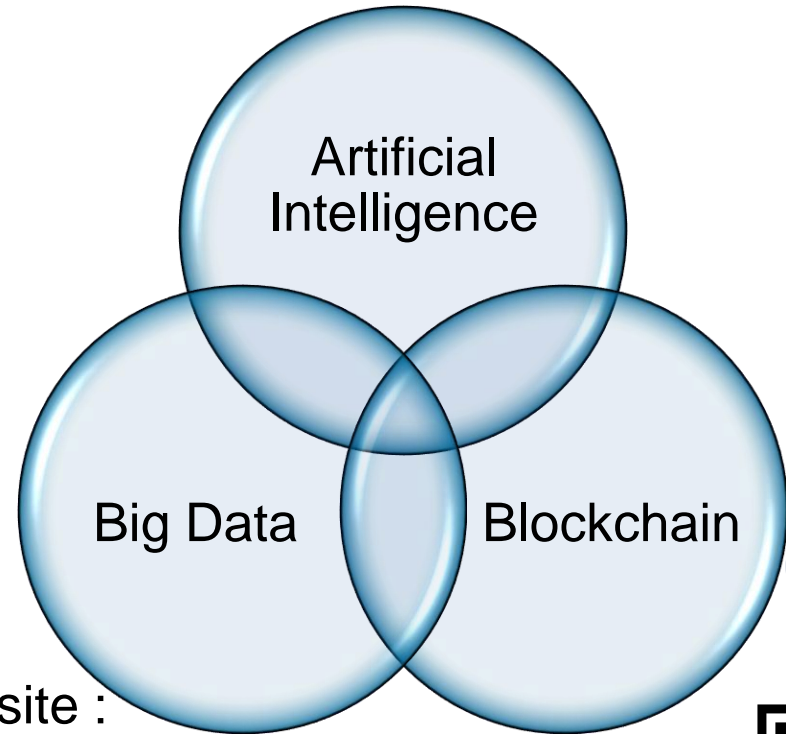- CV Module Building
- Social Media Marketing

Website:
https://www.ampowertalent.org

Submission Deadline : 2 January 2022
Closing Ceremony : February 2022

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Hong Kong Fostering ICT Awards Scheme (FICTAS) - Competition

Artificial Intelligence

Big Data

Blockchain

Website :
https://hknetea.org/?page_id=3472

Submission Deadline : 28 Jan 2022
Mentorship before Final Competition: 7 Feb – 18 Feb 2022
Final Competition and Closing Ceremony : 20 Feb 2022

Innovation and Technology Festival for Secondary School Students

創科 科 Hackathon 馬拉松

報名截止日期	比賽日期
2021年10月8日 (星期五)	2021年11月6日 (星期六)

全港中學最強 AR/VR 挑戰賽

Inter-Secondary School AR/VR Competition

備注
- 截止報名及提交文字描述日期：2021年10月8日 (星期五)
- 須於10月8日前於Edmodo提交文字描述參賽
- 每隊需由2至4名學生組成，由同校老師帶領及擔任主要聯絡人
- 所有合資格參賽者均會獲得參賽證書一張

機械人 創科挑戰盃

報名截止日期	決賽暨頒獎典禮及得獎作品展覽
2021年10月15日 (星期五)	2021年12月18日 (星期六) 下午

Website:
http://itfestival.tech/

Closing Ceremony : 18 December 2021

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Upcoming Events

2021:

14 & 17 Dec

Two Solutions Sharing Sessions for Secondary Schools
@ Smart Government Innovation Lab

8 – 10 Dec

Learning & Teaching Expo 2021
@ Hong Kong Convention and Exhibition Centre

2022:

20 – 23 Jan

HKTDC Education & Careers Expo
@ Hong Kong Convention and Exhibition Centre

Next Speakers and Topics

2021 Artificial Intelligence and Robotics Summer Camp	Virtual Robotics and Coding Learning and Competition	From Student to Entrepreneur	Sharing of Strategy for using the IT Innovation Lab	Embracing STEAM Education in ArtTech Development	Sharing on AI Robotics Course for Elite Students
大灣區教育創新研究院	薯片叔叔共創社 esperanza	blutech.io	(Tak Sun Secondary School crest)	數碼港 Cyberport	(Christian Alliance S C Chan Memorial College crest)
Dr Helen CHAN Executive Director, Education Innovation Research Institute in Greater Bay Area	**Ms Rachel CHAN,** Co-Founder, Esperanza	**Mr Davon HUI,** CEO and Co-Founder, Blutech.io	**Mr Eric TANG,** Technology Subject Stream Master, Tak Sun Secondary School	**Mr Rex LAI,** Manager, Esports & Youth Team, Cyberport	**Mr WONG Yiu Hon,** STEM Coordinator, Christian Alliance S C Chan Memorial College

Thank you

https://www.it-lab.gov.hk

IT Innovation Lab in Schools

IT Innovation Lab in Secondary Schools

One-stop Support Centre

📞 **2116 9083**

✉ **it-lab@ogcio.gov.hk**

Knowing More About IT in Primary Schools

One-stop Support Centre

📞 **2231 5977**

✉ **know-it@ogcio.gov.hk**