



政府資訊科技總監辦公室

Office of the Government Chief Information Officer



IT Innovation Lab in Schools

01.06.2022

Background



The 2014-15 Budget



ENRICHED IT PROGRAMME
資訊科技增潤計劃



The 2019-20 Budget



IT Innovation Lab in Secondary Schools
中學IT創新實驗室計劃



The 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



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



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



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



Eligibility for Application

- Publicly-funded secondary and primary schools, including government, aided, caput and Direct Subsidy Scheme (DSS) schools.
- The maximum amount of funding support for each school:
Secondary School: \$1M/ Primary School: \$400k
- Applicant schools may submit their applications throughout the year
- No limit on the number of applications



Funding Scope

IT Innovation Lab in Schools Programme

```
graph LR; A[IT Innovation Lab in Schools Programme] --> B[Operating Grant  
professional services, operating services  
and technical support services etc.]; A --> C[Equipment Grant  
hardware, software and equipment (such  
as cloud servers and storage services)];
```

Operating Grant

professional services, operating services and technical support services etc.

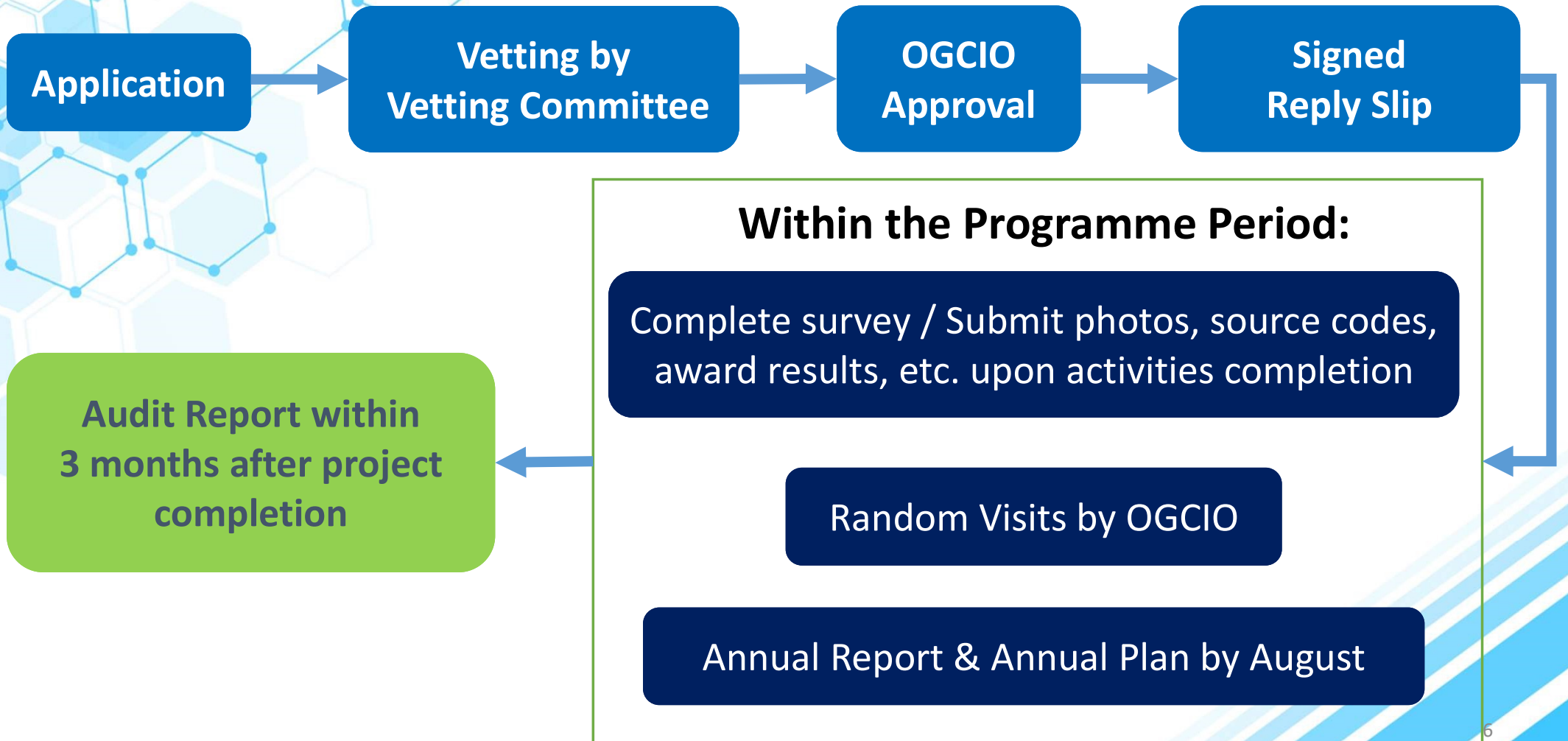
Equipment Grant

hardware, software and equipment (such as cloud servers and storage services)

The funding for the equipment grant should not be more than 50% of the total budget of funding during the entire programme period.

(i.e. Primary School: \$200,000, Secondary School: \$500,000)

Flow of Application

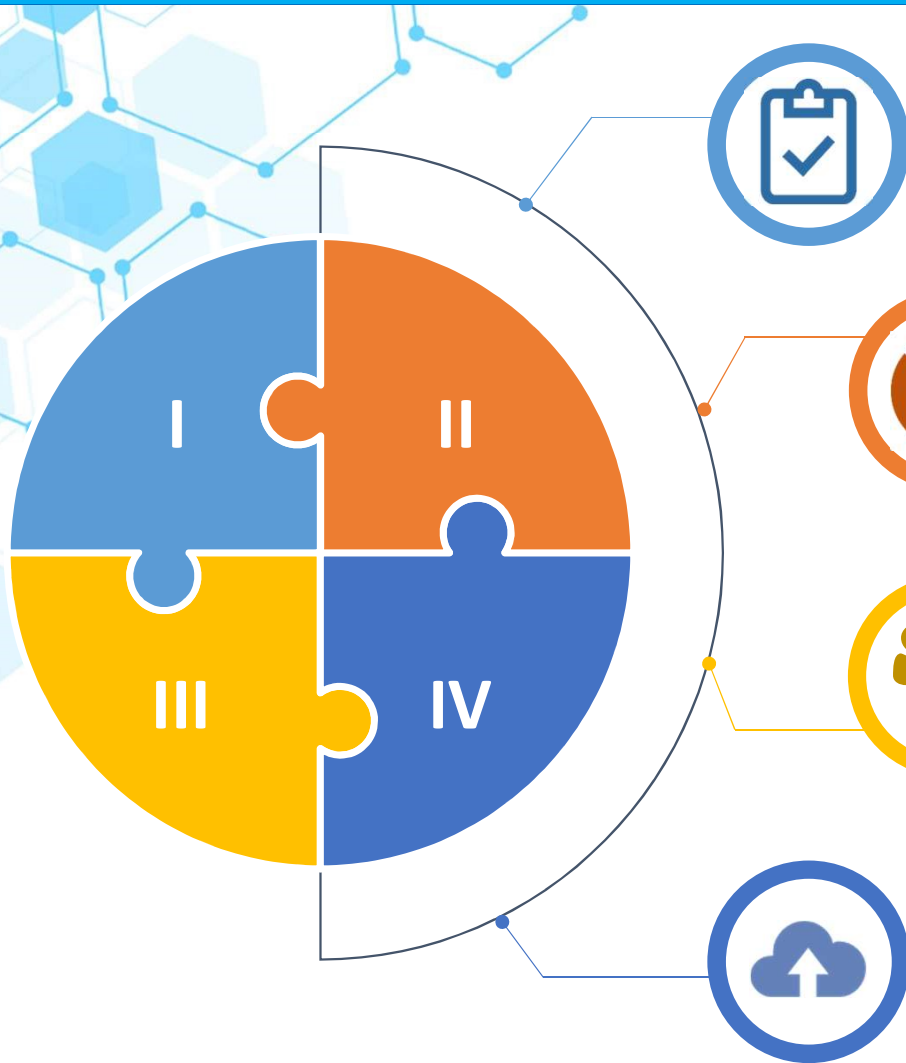


Vetting Criteria

The Vetting Committee will consider applications according to the following components :

- **Project Scope:** The proposed scope is primarily related to IT.
- **Project Outcome:** The proposed activity is in line with the programme objective.
- **Design and Implementation:** The proposed activity is practical.
- **Financial Considerations:** The proposed budget is reasonable and effective.

Tips and Advice from Vetting Committee



In-scope Equipment

Proposed equipment should be necessary and directly related to the proposed IT activities

IT Equipment \leq \$500,000 (Secondary School)
 \leq \$200,000 (Primary School)



The funding for the procurement of IT equipment, infrastructure and related services should not be more than \$500,000 / \$200,000 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 Approved Activities

- **Artificial Intelligence / Robotics Course**
- **Mobile App Course**
- **Coding Course**
- **Drone Course**



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

Application Tips

Available on the IT-Lab thematic portal to assist your application:

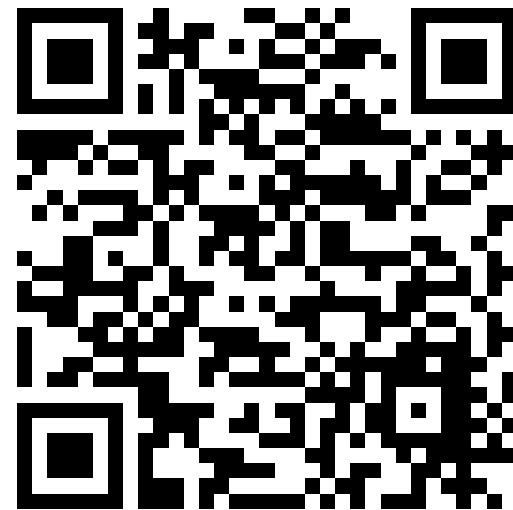
Application Guidelines

Approved Applications

Reference List of IT Equipment

Sample IT Activities

FAQ

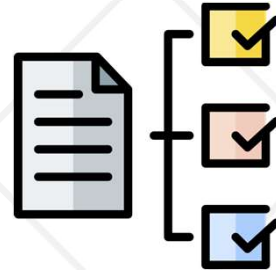


Reminders

Participating schools should submit the following to us



Online post-activity survey for students



Photos, videos, attendance lists, etc.



Award List



Pre-vetting Service

Pre-Application Advice

We welcome schools to submit draft proposal to the one-stop support centre for pre-vetting.



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



Joint Application

Applicant schools may submit joint applications through e-form submission (the same e-form as the individual application)

Secondary School: https://www.it-lab.gov.hk/tc/application_guideline.php

Primary School: https://www.it-lab.gov.hk/tc/application_know-it.php

Please :

1. Submit the forms signed by individual principals; and

2. Indicate the part of joint applications in activity titles / descriptions

The OGCIO will review the two applications together

「中學IT創新實驗室」申請表格

1) 簡介
Part A: Particulars of the Applicant School 甲部: 申請學校資料
Part B: Annual Plan - Part I 乙部: 年度計劃書 - 第一部分
Part B: Annual Plan - Part II (a) 乙部: 年度計劃書 - 第二部分 (a)
Part B: Annual Plan - Part II (b) 乙部: 年度計劃書 - 第二部分 (b)
Part B: Annual Plan - Part III 乙部: 年度計劃書 - 第三部分

Part A: Particulars of the Applicant School 甲部: 申請學校資料

School Name 學校名稱 *

School Name (English) 學校名稱 (英文)

School Name (Chinese) 學校名稱 (中文)

School Code 學校編號

School information will be retrieved after "School Name" or "School Code" is inputted and ENTER is pressed. Please verify the accuracy of the retrieved information. 在輸入「學校名稱」或「學校代碼」並按 ENTER 鍵後，將自動檢索學校資料。請核實檢索的資料是否準確。

School Code 學校編號

School Type 學校類別 *

請選擇...

School Address (English) 學校地址 (英文) *

IT-Lab Current Status

Total (As at Mid-May 2022)

No. of Secondary Schools Applied: 370

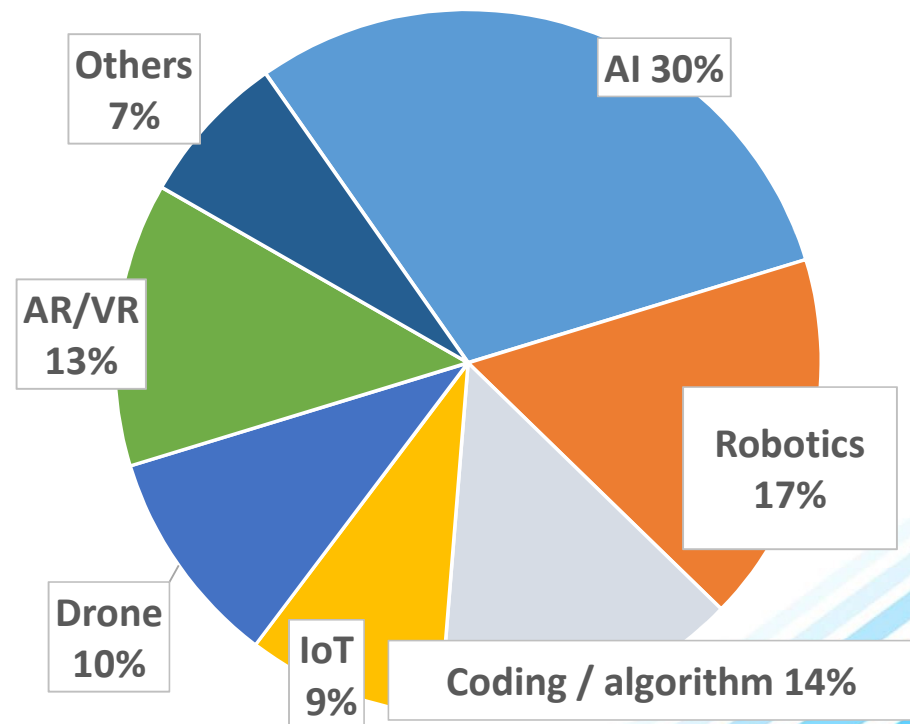
No. of Applications Received: 519

No. of Approved Applications: 379

No. of student beneficiaries: ~80 000

Average funding cost per student : < \$4000

Distribution by Technology Themes



Coming Promotional Activities

Timeline	Activity
18 Jun 2022	Solution Day cum school sharing (AiTLE x Ying Wa College x IT-Lab/Know-IT)
Aug 2022	Ampower's Internship Programme
Dec 2022	Learning & Teaching Expo 2022



Learning &
Teaching Expo 2022
學與教博覽2022

7-9 Dec 2022
Hall 3CDE, Hong Kong
Convention and Exhibition Centre



政府資訊科技總監辦公室

Office of the Government Chief Information Officer



Know-IT Programme



Knowing More About IT 奇趣IT識多啲計劃

The OGCIO implements the “**Know More About IT**”(Know-IT) Programme with an aim to enhance primary school students’ interest and knowledge in IT and their applications, thereby preparing them for integration into a knowledge-based economy and digital society in the future.



Eligible School

All **publicly-funded primary schools** in Hong Kong (including government, aided (including special schools) and direct subsidy primary schools)



Objective

Enhance **primary school students’** interests and knowledge in IT and their applications

Know-IT: Examples of Approved Activities

Organisation of IT-related extra-curricular activities for students to learn knowledge, theory and practical skills of IT



Professional services required for conducting programming classes and workshops, etc.



Equipment needed for extra-curricular activities (hardware, software and related cloud service)



Charge incurred in hosting or participating in local and non-local competitions



Visit to multinational companies in Hong Kong or local startups



Know-IT: Current Status

Total (As at Mid-May 2022)

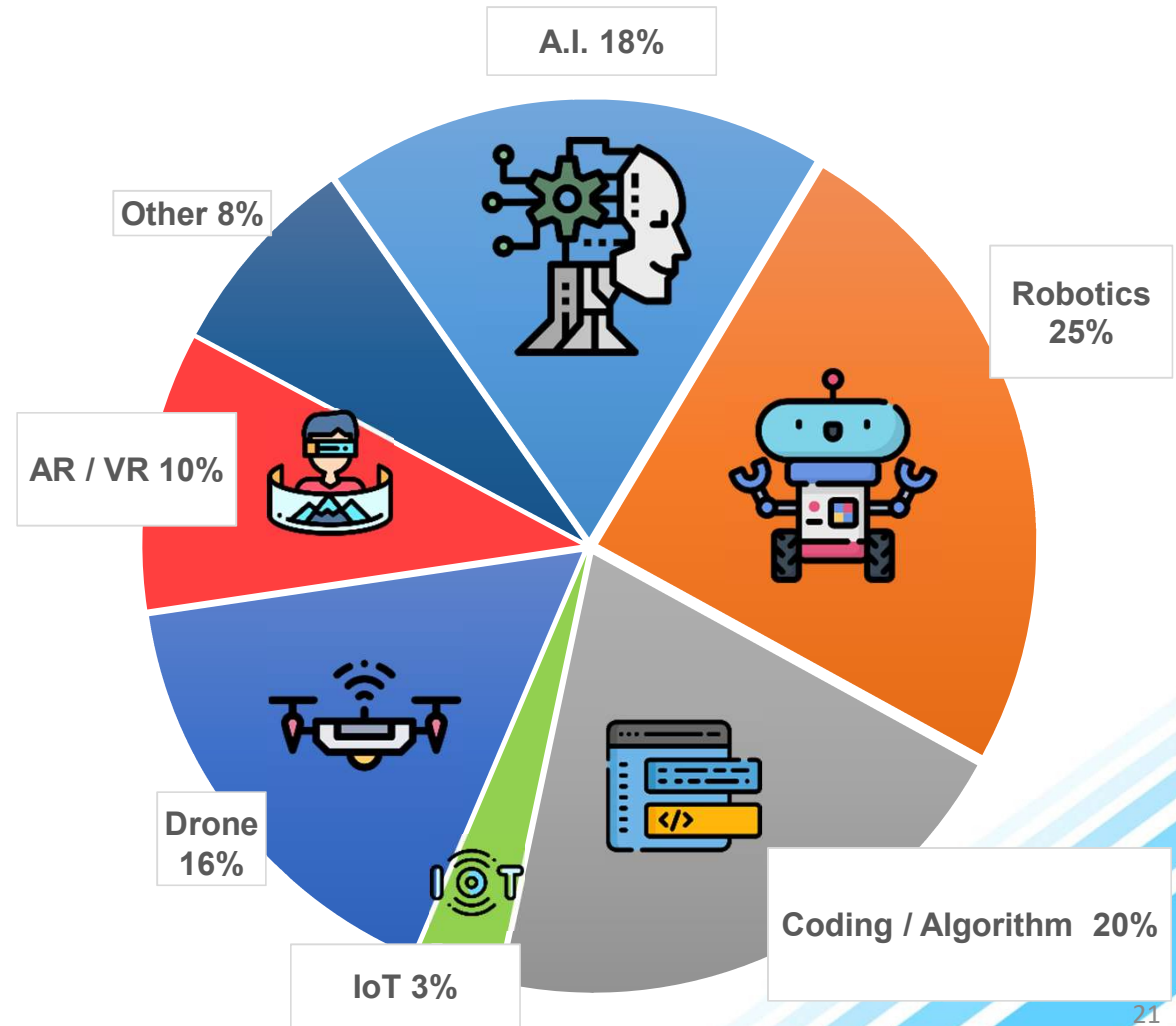
No. of Primary Schools Applied: 150

No. of Applications Received: 154

No. of Approved Applications: 136

No. of student beneficiaries: About 25 000

Average funding cost per student : < \$4000



Innovation and Technology Festival for Primary Schools

小學生

創新

創意

科技

Innovation and Technology Festival
for Primary School Students



Period:

Jan to Dec 2022

Activities:

- Teacher Workshops
- Students Workshops
- Web-workshops & webinars
- School visits
- Innovative Competitions

主辦單位 Organiser



主要贊助 Main Sponsor



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

Upcoming activity:

Teacher / Parent-student web-workshops (Jun to Aug)

Target Participants: Teachers, students and parents
Mode: Online workshop

Description: AI, coding, AR/VR, computational thinking, Metaverse and NFT, robotic programming, etc.

Details: <https://itfestival.tech/primary/student-workshops.html>

Registration:



More Activities Available with Partnered NGOs



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

More Activities Available!

政府資訊科技總監辦公室 Office of the Government Chief Information Officer
22 April jam 12:00 PG

【激興創意 攜手推動小學創新學習】

小學已經開始分階段復課，學校在確保穩定安排課外活動與學生參加嘍！隨著我們漸進地復課，資訊科技相關活動亦漸漸地增加，除可以培養同學對IT的興趣，又可以增長各方面知識，更逐步地適應復課後社會。如果學校計劃舉辦科技活動，記得申請資料時填寫「激興創意」計劃！此項計劃會為所有公辦資助小學提供最高40萬元資助用於舉辦與資訊科技相關活動嘍！

資料顯示，一直地推動學生創新學習不遺餘力，除定為學校提供資助，仲聯同香港賽馬會慈善信託基金主辦「賽馬會運算思維教育」計劃CoolThink@JC、百仁基金會「童領AI」計劃同港賽馬會運算思維教育「小學生創新科技計劃」，攜手推動小學IT學習，希望可以激發起同學們對創新思維，強勁地打好基礎！

有意訂置多項計劃的家已經有於140間小學申請，有興趣的小學可以click入下面link提交申請：
https://www.it-fab.gov.hk/it/application_know-it.php
想知多點有關IT課外活動適合同學參加，可以去以下網頁睇：
<https://www.it-fab.gov.hk/it/techzone.php>
大家都可以將下面POSTER送到各區合作伙伴計劃詳情嘍！

#KnowIT #奇趣IT識多啲 #CoolThink #童領AI #小學生創新科技計劃 #資料科學 #OGCIO #賽馬會運算思維教育 #香港賽馬會慈善信託基金 #CoolThinkJC #HKJCCharitiesTrust #ComputationalThinking

5 Perikongian

Cool/Think @ JC
賽馬會運算思維教育

CoolThink at JC 賽馬會運算思維教育
19小時

【CoolThink@JC X 「奇趣IT識多啲」計劃 小學好消息】：點樣可以更方便地申請到OGCIO資助嘍？

於復課後，提供本地對資訊科技感興趣的同學，協助他們建立信心，為他們提供與課程中小學計劃，由公辦資助小學提供高達40萬元資助的申請地址。CoolThink@JC好容易可以與政府資訊科技總監辦公室Office of the Government Chief Information Officer「奇趣IT識多啲」計劃合作，為學校提供：

- 包括：教師專業培訓、教學支援及應用作購買電子器材。
- 於復課後提供：經常更新多項電腦教育資源網站。

Think@JC會為學校提供計劃申請表格，方便學校與學校，分享這好消息！

Registration: https://www.it-fab.gov.hk/it/application_know-it.php

#賽馬會運算思維教育 #賽馬會慈善信託基金 #CoolThink@JC #HKJCCharitiesTrust #CoolThink #ComputationalThinking

「賽馬會運算思維教育」計劃旨在透過運算思維 (Computational Thinking) 及編程 (Coding) 訓練，讓小學生學習編程、電子計數器等！由中區政府與香港賽馬會共同資助，為第一間科技應用可樂地！二了了解更多：

老師專頁：www.coolthink.hk/teachers/
家長專頁：www.coolthink.hk/parents/

hkpc Academy 生產力學院

CENTUM CHARITAS FOUNDATION



空間數據共享平台
Common Spatial
Data Infrastructure

地理空間實驗室
Geospatial Lab

Upcoming Activity: Know-IT Solution Days

OGCIO collaborates with NPOs to organise Solution Days

16/6/2022



Wan Chai
Activities
Centre

6/7/2022



Cheung Sha
Wan
Community
Centre

15/7/2022



HKPC
Building

18/6/2022



Ying Wa
College
Co-organised with
"IT Innovation Lab
in Secondary
Schools"



Registration:



Details:

https://www.it-lab.gov.hk/en/whats_new.php


One-Stop Support Centre



小學奇趣IT識多啲計劃
中學IT創新實驗室計劃
One-stop Support Centre



Primary Schools:

 **2231 5977**

 know-it@ogcio.gov.hk

Secondary Schools:

 **2116 9083**

 it-lab@ogcio.gov.hk



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



Knowing More About IT

奇趣IT識多啲計劃



IT Innovation Lab in Secondary Schools

中學IT創新實驗室計劃

Thank you