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

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

31 May 2021

Background

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

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

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

Current Status

Statistics of Applications from Schools and Current Approval Status

No. of Schools Applied : 162

No. of Applications Received : 175 ($69 million)

No. of Approved Applications : 94 ($36 million)

No. of Applications Not Supported : 5 ($3 million)

Approved Activities Statistics

Statistics of Approved Activities

No. of Approved Activities : 211 (from 94 approved applications)

Distribution of Technology Theme :
% of Activities in AI : 29%
% of Activities in robotics : 19%
% of Activities in coding/algorithm : 16%
% of Activities in drone : 12%
% of Activities in AR/VR : 9%
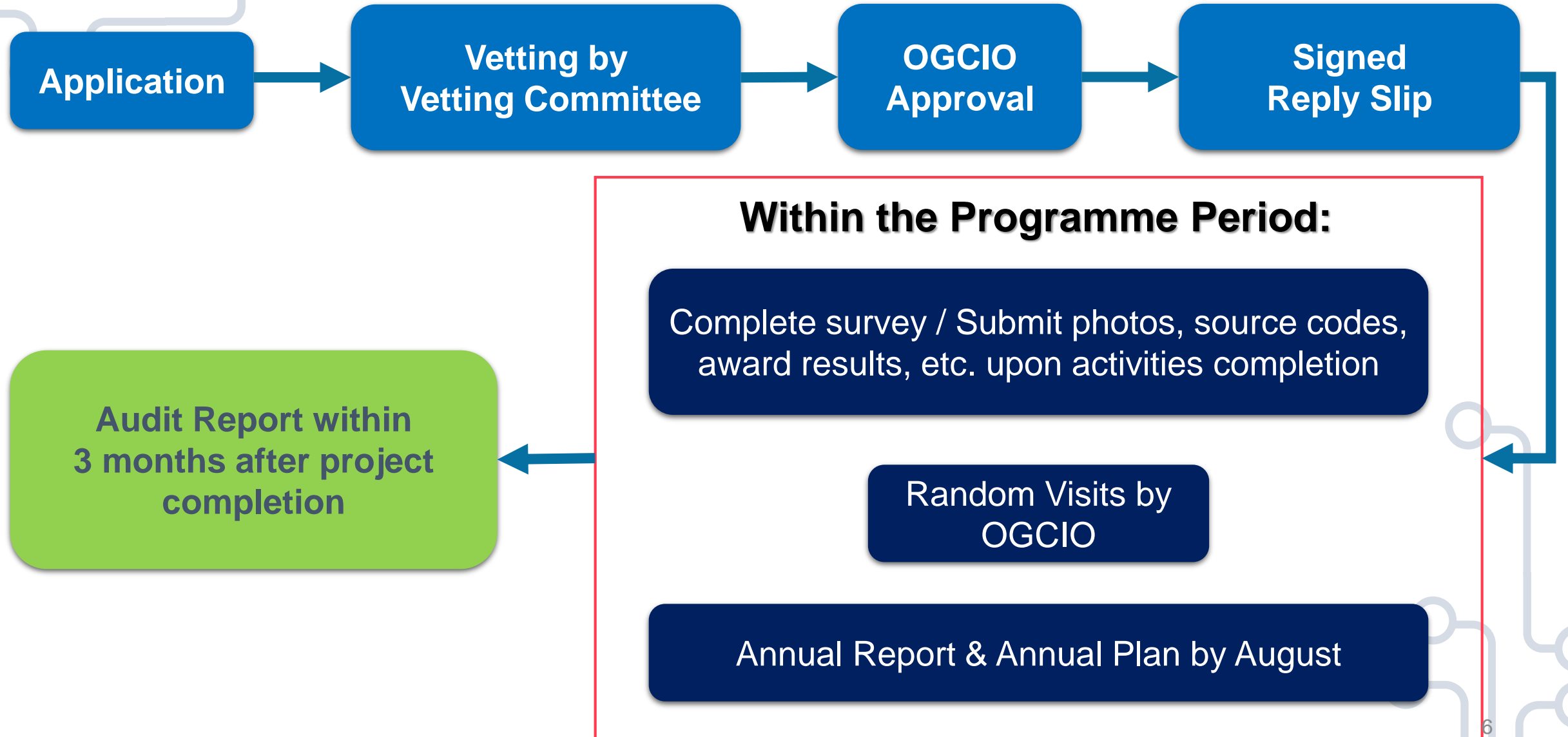% of Activities in IoT : 7%
% of Other Activities : 8%

No. of Student Beneficiaries : more than 20 000

Project Length :
% to be completed in 2020/21 school year : 43%
% to be completed in 2021/22 school year : 38%
% to be completed in 2022/23 school year : 19%

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

Reminder

Upon activities completion :

Online post-activity survey for students :
Please ask participating students to complete the online post-activity survey to provide feedback. The standard online survey can be generated via the below link:
https://www.it-lab.gov.hk/en/survey.php

Deliverables :
Please submit deliverables including photos, videos, award results, attendance lists, etc. to the OGCIO for record.

Competitions and Awards :
If participating students win any awards which is funded by IT-Lab programme, please inform the OGCIO.
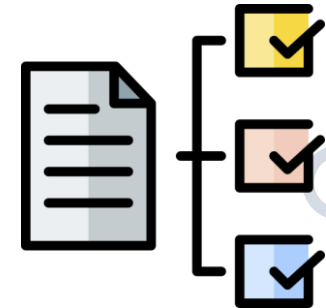
Joint Application

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

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

Tips and Advice from Vetting Committee

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

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

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

- ✓ 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 activity is not directly related to the funding scope

- ✖   E-learning or life planning management system

The expenditure item is not cost-effective

- ✖   Costly computer servers which could be replaced by subscription of cloud services
- ✖   Costly equipment which could be replaced by rental of similar services in the market

The Student Innovation Award aims to encourage students to explore their creativity and potential, and to recognise their achievements.

www.hkictawards.hk

Open for enrolment till 16/7

Upcoming Events – Ampower Talent Institute

IT Talent Competition & Collaboration to Build POC Utilizing ABCD

- The online master classes will start in June.

- Students from Primary 5 to Secondary 6 are welcome.

- Email for schools' enquiries & registration : secretariat@ampowertalent.org

Please enroll

Upcoming Events - HKNETEA

Hong Kong Fostering ICT Awards Scheme

- Two online workshops have been conducted.
  - The 1st online workshop was held on 29 Apr with 25 schools and over 600 students participated
  - The 2nd online workshop was held on 27 May with 16 schools and over 500 students participated

- The 3rd workshop will be held on 24 June 2021 (Thurs) 4:30 - 6:30 tentatively.

Please enroll

Website : https://hknetea.org/?page_id=1591

Upcoming Events - WTIA

Innovation and Technology Festival to Secondary School Students

- Opening Ceremony will be held on 6 July 2021 2:30pm tentatively.

- Seminars and workshops to teachers will be held in July.

- Secondary schools teachers and students are welcome.

Please enroll

Website:
http://itfestival.tech/

INNOVATION AND TECHNOLOGY FESTIVAL
to Secondary School Students

中學生創新創意科技節

Knowing More About IT Programme

Knowing More About IT
奇趣 IT 識多啲計劃

Target: All publicly-funded primary schools in Hong Kong

Objective:
- stimulate primary school students' interest in IT and strengthen their basic IT knowledge through ECAs
- enhance their interest to pursue the study of STEM subjects and preparing for integration into the digital society in the future

Scope:
- from 2021/22 to 2023/24
- funding grant of up to $400,000 (Max $200,000 for equipment and related services)

Application process:
- Open for application from primary schools in **September 2021**
- Introductory briefings to primary schools on **29 June** and **7 July 2021**
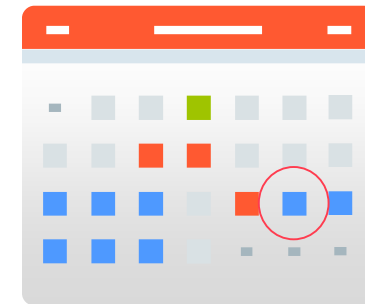
Invitation for Sponsorship Proposal:
- a sponsorship project to promote the programme to primary schools

Enquiry Email : know-it@ogcio.gov.hk

Next Speakers and Topics

Introduction of "Hong Kong ICT Awards 2021: Student Innovation Award 2021"

Mr Alex HUNG, MH
Founding Chairman, HKNETEA

Success Story Sharing by Enriched IT Class (EITC) and CLAP-TECH Partner School

Mr Kim AU Hoi Kin
Vice Principal

Introduction of "Capture the Flag Challenge and Cyber Security Youth Talent Programme"

Mr On NG
Security Consultant, HKCERT

Mr Summ CHAN
Security Consultant, HKPC

Sharing on application of cloud computing services in IT education

Mr Eric HUI Pang
Head,
IT in Education Committee

Thank you

中學IT創新實驗室計劃

One-stop Support Centre

📞 **2116 9083**

@ it-lab@ogcio.gov.hk

🌐 https://www.it-lab.gov.hk