Knowing More About IT

in Primary Schools

IT Innovation Lab in Schools Programme

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

"Knowing More About IT" Programme

The IT Innovation Lab in Secondary Schools Programme has received positive response since its launch. I will set aside over $200 million to extend the programme to primary schools. *Funding of up to $400,000 will be provided to each publicly funded primary school in the coming three school years,* thereby rolling out a "Knowing More About IT" Programme to enhance students' interests and knowledge in information technology and their applications through extra-curricular activities, *so as to prepare them for integration into the knowledge-based economy and participation in the development of a digital society. The OGCIO will set up a one-stop support centre to provide assistance for primary schools.*
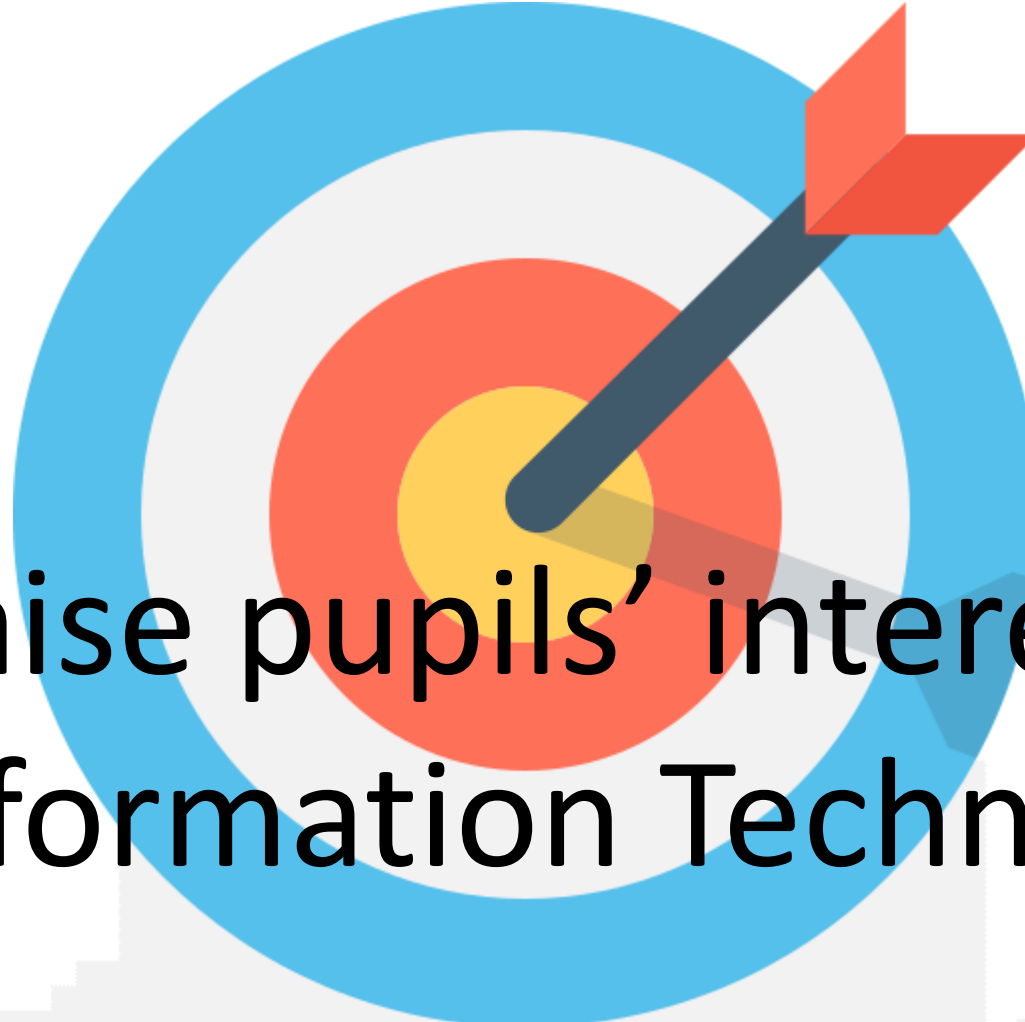
The 2021-22
Budget

Target:

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

Raise pupils' interest
in Information Technology

Scope :

• It is a one-off grant

• from 2021/22 to 2023/24

• funding grant of up to $400,000

Key features（1）: Non competitive

Key features of the programme:

- Non-competitive (for all eligible primary schools, up to $400,000 subsidy has been reserved for each)
- Flexible application time, schools can submit applications throughout the year during the programme peri

Maximum flexibility and flexible use of funding:

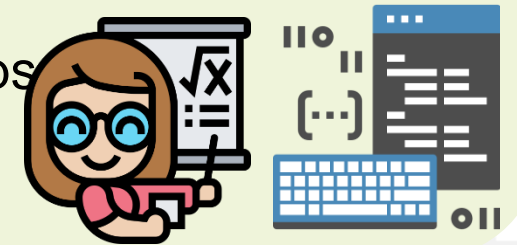| For school that has experience in organising IT activities or developing IT-related courses	For school that has no experience in organising IT activities or developing IT-related courses
• May consider holding competitions or exhibitions to further enhance students' interest in IT, e.g: ➢ Host or participate in a competition ➢ Organize information technology exhibitions ➢ Hold an open day to showcase student work	• May consider outsourcing to provide professional services to students, including part-time tutors and part-time staff, e.g: ➢ Coding class ➢ Workshop ➢ Visit local start-ups

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Key features（2）: application is based on

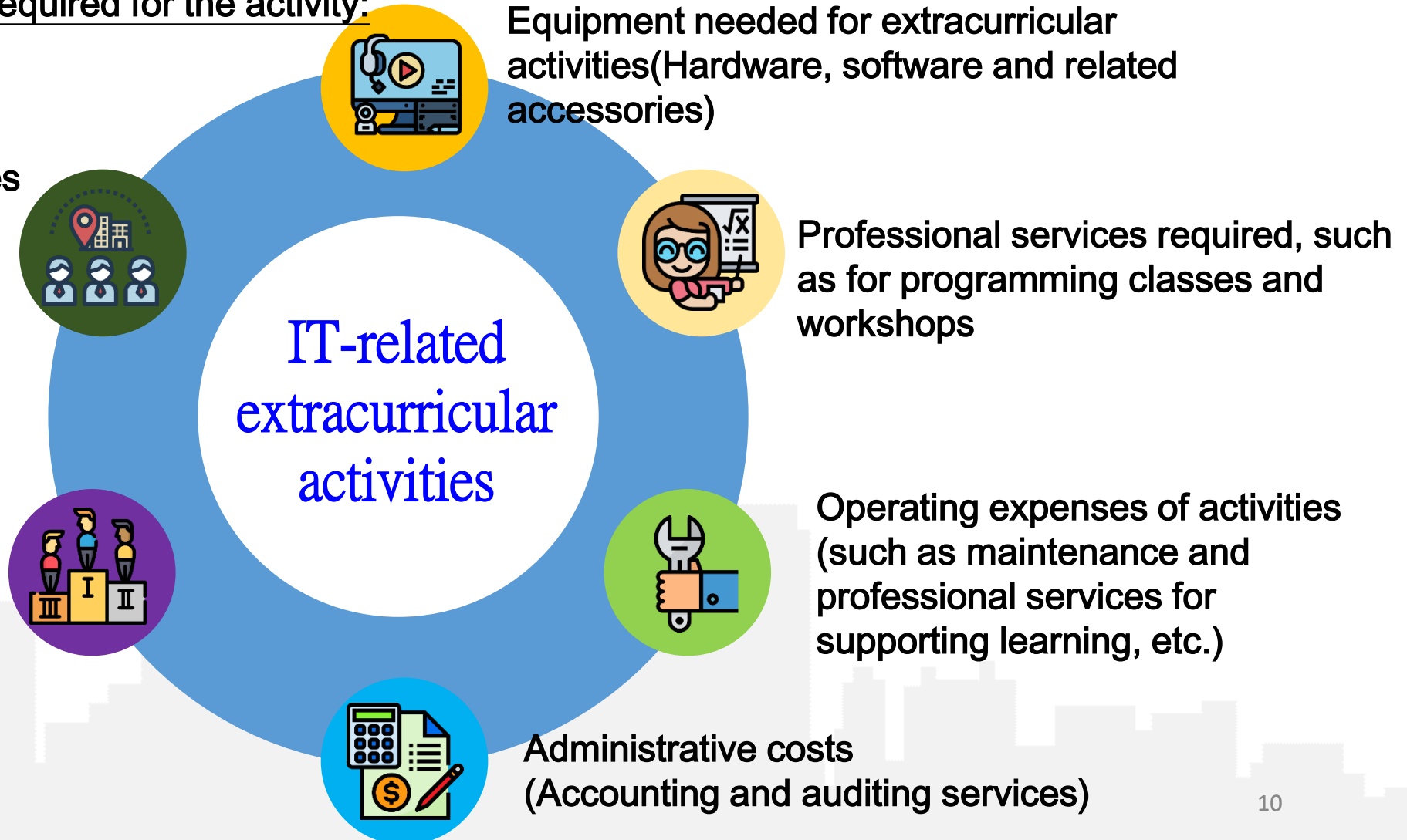**Maximum flexibility and flexible use of funding:**

- Those who's secondary school have already applied for the "IT Innovation Lab" in secondary school can also apply for the "Knowing More About IT" in primary school.
- Activities can also be held together by secondary school and primary, but applications must be submitted separately funding application for secondary and primary schools toward the corresponding funding scheme.
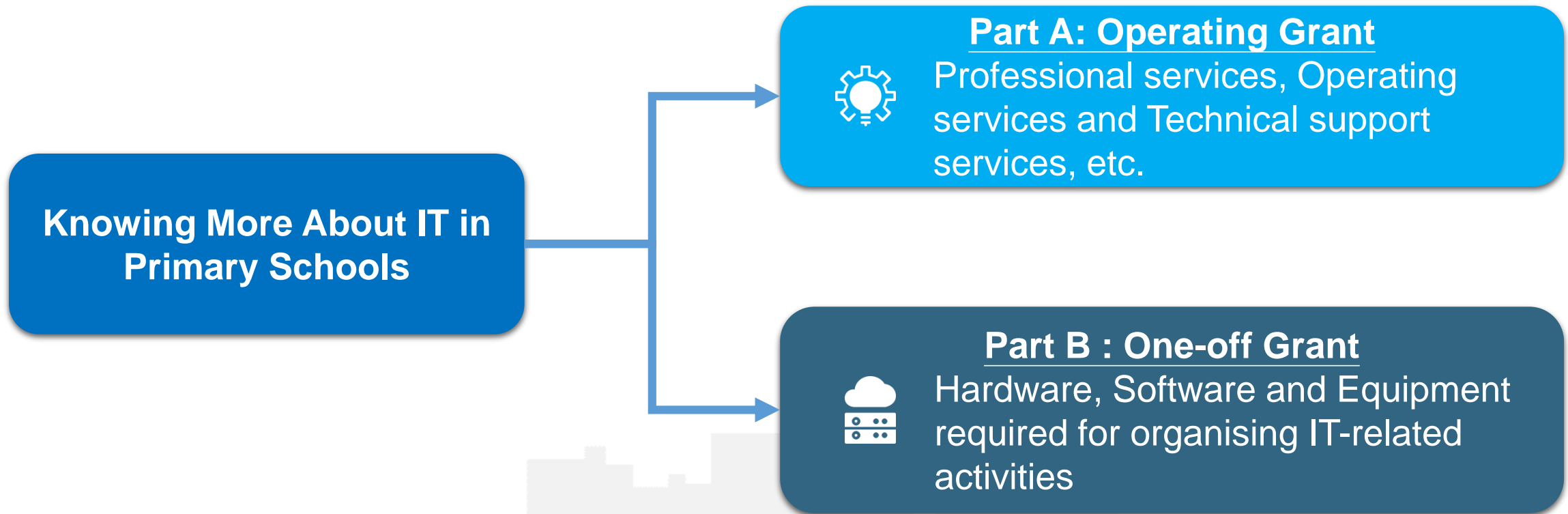
Implementation in the form of extracurricular activities,

and the grant covers all parts required for the activity:

Visiting multinational companies in Hong Kong or local startups

Equipment needed for extracurricular activities(Hardware, software and related accessories)

Professional services required, such as for programming classes and workshops

IT-related extracurricular activities

Host or participate in local and non-local competitions

Operating expenses of activities (such as maintenance and professional services for supporting learning, etc.)

Administrative costs (Accounting and auditing services)

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Funding Scope

Knowing More About IT in Primary Schools

Part A: Operating Grant
Professional services, Operating services and Technical support services, etc.

Part B : One-off Grant
Hardware, Software and Equipment required for organising IT-related activities

*Generally speaking, the funding for the **One-off Grant should not be more than $200,000** during the entire programme period.*
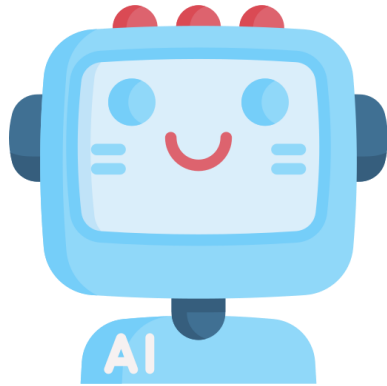
Examples:
- ✓ Coding class, mobile app workshop
- ✓ Seminars on the application of IT / digital transformation
- ✓ Short course or other learning experience
- ✓ Visits to local offices of multinational companies and local start-ups
- ✓ Preparing for and participating in local and non-local competitions
- ✓ Organising IT exhibitions
- ✓ Operational expenses of the activities (e.g. maintenance and related professional services including part-time tutors and part-time staff)
- ✓ Administrative cost (accounting and auditing services)
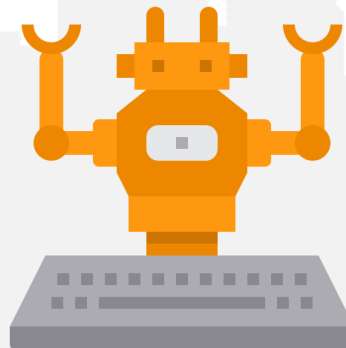
Examples of ECA Applications

AI Courses

Coding Classes

Computation Thinking / Algorithm Classes

Mobile App Classes

Robotics Programming Classes

Web Development Classes

Part B : One-off Grant (max $200,000)

All hardware, software, equipment and services must be required for applying for extracurricular activities;

Examples:
- ✓ Procure or rent server-side and client-side hardware and software
- ✓ Optical fibre and broadband network
- ✓ Software-as-a-service, cloud-based servers and storage
- ✓ 3D printer, 360 camera

Tips (1) - Examples of Out-of-Scope Items

Category	Out-of-scope Items
Lab hardware, software and cloud tools and services	• E-learning equipment for assisting general teaching and learning purposes • Notebook computers for regular ICT class • Renovation works and furniture unrelated to IT activities • School's general facilities (e.g. WiFi, CCTV) • Non-IT related STEM equipment (e.g. solar panel)
IT-related activities	• Lab activities of regular subject of ICT within traditional syllabus • All trips outside Hong Kong (except representing Hong Kong in non-local competitions)
Operating cost	• Teacher training • Maintenance cost for schools' pre-existing hardware or software • Utility costs (e.g. electricity cost) • Pre-existing bandwidth subscription • Entertainment expenses such as food and beverages

More details will be available in the Application Guidelines

Reference List of Equipment / IT–related Activities

-   Examples collected from IT corporates, **IT ECA teachers,** IT-education related associations, and academia

-   No commercial elements in the list

-   We welcome suggestions on equipment and facilities/extracurricular activities for reference

Suggestions are welcome

Governance Structure (Including representatives of primary school principals) to advise and vetting

Advisory Committee

- To provide advice in major aspects, including the reference list of equipment, the nature and types of IT-related ECA and implementation progress of the programme

Vetting Committee

- To endorse vetting criteria and pre-approved activity types; and

- To consider individual applications based on endorsed vetting criteria and make funding recommendations to the OGCIO to ensure that the approved funding will be used in line with the policy objectives and funding scope of the programme

Independent Vetting Committee

Chairman:

Prof. WONG, Kam Fai, MH

Associate Dean (External Affairs) of Engineering, CUHK

Members:

Dr CK WONG, MH

Chairman, iASPEC Technologies Group

Ir Prof. Ted SUEN, MH

Ex-President of Hong Kong Computer Society

Mr Leonard CHAN

Chairman of the Hong Kong Innovative Technology Development Association (HKITDA)

Mr Gary YEUNG, MH

President of Smart City Consortium

Ex-officio Member:

Assistant Government Chief Information Officer (Industry Development), OGCIO

Vetting Criteria

Project Scope	The proposed scope is primarily related to IT (including but not exhaustively Artificial Intelligence, Coding Activities, Computation Thinking / Algorithm, Mobile App Development, Pocket-Sized Computer, Robotics Programming, Web Development) and in line with the policy objectives and funding scope of the programme.
Project Outcome	The proposed activity can stimulate students' interest in IT and strengthen their basic IT knowledge through ECAs and enhance their interest to pursue the study of STEM subjects and prepare them for integration into the digital society in the future.
Design and Implementation	The proposed activity is practical.
Financial Considerations	The proposed budget is reasonable and effective.

Tips – cases that require re-submission

1. **Expenditure items are not directly related to or necessary for the activities to be held, such as:**

   - **Upgrade the school's network infrastructure**
   - **Set up a new physics laboratory (e.g. furniture, electrical outlets)**

2. **Activities are not directly related to the scope of funding, for example:**

   - **E-learning or life planning management system**

3. **Expenditure items are not efficient, such as:**

   - **Expensive server (you can subscribe to cloud services instead)**
   - **Purchase expensive equipment (you can rent similar services on the market instead)**

One-stop Support Centre

奇趣IT識多啲計劃

One-stop Support Centre
2231 5977
know-it@ogcio.gov.hk
https://www.it-lab.gov.hk

Knowing More About IT Programme: Application

- Programme will be open for application starting from <u>September 2021</u>

Knowing More About IT in Primary Schools

Thank You