

30 October 2026

Education Bureau Circular No. 17/2026

Introduction of Information and Innovation Technology Curriculum for Primary Schools

[Note: This circular should be read by-

- (a) Supervisors/Heads of all government, aided (including special schools), primary schools under the Direct Subsidy Schemes and private primary schools offering the local curriculum – for action; and
- (b) Heads of Sections – for information.]

Summary

The purpose of this Circular is to announce the Information and Innovation Technology Curriculum Framework for Primary Schools (Provisional Draft) prepared by the Ad Hoc Committee for the Review on Technology Education at Primary Level under the Curriculum Development Council Committee on Technology Education (the Ad Hoc Committee), related support measures and a school questionnaire survey.

Background

2. Technology Education is one of the eight Key Learning Areas in the Hong Kong school curriculum. With the rapid development of innovation and digital technology, the school curriculum is under ongoing renewal while promoting the digital transformation of education. Technology education at the primary level must also keep pace with the times to enable students to build a solid foundation in innovation technology from an early age.

3. The 2025 Policy Address proposed publishing a digital education blueprint for primary and secondary schools, and optimising the interface between primary and secondary curricula of Information and Innovation Technology education. Subsequently, the Curriculum Development Council (CDC) published the Blueprint for Digital Education Development in Primary and Secondary Schools in June 2026, which proposed the launch of the Information and Innovation Technology Curriculum Framework for Primary Schools in the 2026/27 school year. The 2026 Policy Address

further proposed the review of technology education at the primary level as one of the measures to promote digital and STEAM education.

4. In line with the Government’s policy direction, the Curriculum Development Council Committee on Technology Education set up the Ad Hoc Committee in May 2026 to review the situation of primary technology education and develop the Information and Innovation Technology Curriculum for Primary Schools. The Ad Hoc Committee submitted to the Curriculum Development Council Committee on Technology Education in September 2026 the Information and Innovation Technology Curriculum Framework for Primary Schools (Provisional Draft) and a proposal to start consultation, which were accepted.

Curriculum Emphases and Content

5. The Information and Innovation Technology Curriculum Framework for Primary Schools (Provisional Draft) aims to enhance students’ curiosity and interest in learning innovation technology, and to enhance their digital literacy and creativity. The curriculum aligns with the AI Literacy Learning Framework for Primary and Secondary Schools and enhances students’ AI literacy. The curriculum emphasises interdisciplinary learning, encouraging students to make good use of technology for active exploration, unleash their potential in creativity for problem-solving, and thereby put “Technology for Good” into practice.

6. The “Information and Innovation Technology Curriculum for Primary Schools” covers five learning strands, including: “Information Technology Concepts and Application”, “Computational Thinking and Coding”, “Preliminary Study of Artificial Intelligence”, “Fundamental Engineering and Robotics Technology”, and “Technology and Society”. Each learning strand clearly specifies the relevant topics and the learning objectives at different learning stages/levels. Teachers may make appropriate integration and deployment of the learning content according to the arrangement of topics and suggested lesson time allocation stated in the curriculum, while taking into account the school contexts and students’ needs.

Implementation Schedule

7. Starting from the 2028/29 school year, all primary schools in Hong Kong are required to implement the Information and Innovation Technology Curriculum for Primary Schools at Primary 1 and Primary 4, and progressively extend it to other levels by year. Schools which are adequately prepared may also fully implement this curriculum from Primary 1 to Primary 6 in the 2028/29 school year. Schools are encouraged to plan ahead for curriculum implementation as early as possible. Schools may pilot the curriculum content in the 2027/28 school year.

Support Measures

8. The Education Bureau (EDB) will provide a series of support measures for schools and teachers, including establishing the “Training Base for Teachers of Information and Innovation Technology for Primary Schools”, offering teacher professional training certificate courses, promoting learning communities, and launching relevant curriculum resources in a timely manner. The overview of the professional training is as follows:

(i) **Certificate in Professional Training for Teachers of Information and Innovation Technology for Primary Schools (15 hours):** The training targets teachers of this subject (including panel heads). The content covers various themes, including curriculum interpretation, curriculum leadership and planning, design of learning and teaching activities, knowledge enrichment and assessment strategies, to enhance teachers’ curriculum leadership, subject knowledge, and pedagogical skills. Upon completion of the 15-hour professional training course, teachers will be awarded the “Certificate in Professional Training for Teachers of Information and Innovation Technology for Primary Schools (15 hours)”.

(ii) **Establishment of the “Learning Community for Information and Innovation Technology for Primary Schools”:** Regular teacher network activities will be organised, including experience sharing sessions, demonstration lessons, workshops and visits to strengthen professional exchange among teachers of Information and Innovation Technology for Primary Schools.

9. Regarding curriculum resources, the EDB will provide learning and teaching resources for teachers' adoption. The existing "Enriched Module on Coding Education for Upper Primary Level" can still be used.

Briefing Sessions

10. To facilitate school management and teachers in understanding the content of the above curriculum framework and related support measures, the Technology Education Section, Innovation Technology Education Division, EDB, will organise two identical briefing sessions on 13 and 16 November 2026.

Details are as follows:

Course ID:	ITED20260584	
Course Name:	Briefing Session on "Information and Innovation Technology Curriculum for Primary Schools"	
Content:	<ul style="list-style-type: none"> ● Introduction to the Information and Innovation Technology Curriculum Framework for Primary Schools (Provisional Draft) ● Sharing of school curriculum planning and practical experience 	
Speakers:	EDB representatives and school representatives	
Target Audience:	Principals, Vice-principals, Curriculum Leaders, and Teachers responsible for Technology Education	
	Session AA	Session AB
Date:	13 November 2026 (Friday)	16 November 2026 (Monday)
Time:	2:30 p.m. to 4:30 p.m.	2:30 p.m. to 4:30 p.m.
Venue:	Chi Lin Buddhist Primary School (1 Tong Chun Street, Tseung Kwan O, New Territories)	CCC Heep Woh Primary School (Cheung Sha Wan) (18 Tonkin Street, Sham Shui Po, Kowloon)
Enrolment Method:	Enrol via the EDB Training Calendar: 	

School Questionnaire Survey

11. The Bureau will collect schools' views on the Information and Innovation Technology Curriculum Framework for Primary Schools (Provisional Draft) and related support measures through a survey to further refine the curriculum. Please refer to the attached curriculum framework (Annex 1) and questionnaire survey (Annex 2). The relevant documents have also been uploaded to the EDB website (<https://www.edb.gov.hk/iit>).

12. School heads or their representatives (such as Vice-principals, Prefect of Studies, or teachers responsible for computer lessons) are requested to complete the questionnaire in pdf format and return the completed questionnaire to the Technology Education Section, Innovation Technology Education Division, EDB via the EDB School Messaging Module (SMM) on or before 2 December 2026.

Enquiry

13. For enquiries, please contact Mr Wilfred HO of the Technology Education Section, Innovation Technology Education Division, EDB, at 3698 3145.

Ms W Y LAM
for Secretary for Education

Information and Innovation Technology Curriculum Framework for Primary Schools (Provisional Draft) (Chinese version only)

The document can be downloaded from the following website:

<https://www.edb.gov.hk/iit>



**Technology Education Key Learning Area
Information and Innovation Technology Curriculum for Primary Schools
School Questionnaire Survey**

Questionnaire will be sent to schools via
the EDB School Messaging Module (SMM) on 30 Oct 2026

Purpose

The purpose of this survey is to collect schools' views on the implementation of the Information and Innovation Technology Curriculum for Primary Schools and related support measures.

Background

2. Technology Education is one of the eight Key Learning Areas in the Hong Kong school curriculum. With the rapid development of innovation and digital technology, the school curriculum is under ongoing renewal while promoting the digital transformation of education. Technology education at the primary level must also keep pace with the times to enable students to build a solid foundation in learning innovation technology from an early age.

3. The 2025 Policy Address proposed publishing a digital education blueprint for primary and secondary schools, and optimising the interface between primary and secondary curricula of Information and Innovation Technology education. Subsequently, the CDC published the Blueprint for Digital Education Development in Primary and Secondary Schools in June 2026, which proposed the launch of the Information and Innovation Technology Curriculum Framework for Primary Schools in the 2026/27 school year. The 2026 Policy Address further proposed the review of technology education at the primary level as one of the measures to promote digital and STEAM education.

4. In line with the Government's policy direction, the Curriculum Development Council Committee on Technology Education set up the "Ad Hoc Committee for the Review on Technology Education at Primary Level" (the Ad Hoc Committee) in May 2026 to review the situation of primary technology education and develop the

Information and Innovation Technology Curriculum for Primary Schools. The Ad Hoc Committee submitted to the Curriculum Development Council Committee on Technology Education in September 2026 the Information and Innovation Technology Curriculum Framework for Primary Schools (Provisional Draft) and a proposal to start consultation, which were accepted.

Points to Note for Completing this Questionnaire

5. Before completing the questionnaire, please read the attached Information and Innovation Technology Curriculum Framework for Primary Schools (Provisional Draft) (Annex 1).

6. Each school is only required to submit **one PDF electronic questionnaire**. When completing the questionnaire, please consult relevant school personnel as necessary. The information provided by schools will only be used by the Curriculum Development Council and the EDB for the overall review of the Information and Innovation Technology Curriculum for Primary Schools. The EDB will not disclose information about individual schools.

Deadline

7. Schools should return the completed PDF e-questionnaire (Chinese version only) to the Technology Education Section, Innovation Technology Education Division, EDB **via the EDB School Messaging Module (SMM) on or before 2 December 2026**.

8. For enquiries, please contact Mr Wilfred HO of the Technology Education Section, Innovation Technology Education Division, EDB, at 3698 3145.

(Continued on next page) (Chinese version only)

科技教育學習領域：
小學資訊與創新科技科

學校問卷調查

請回答下列問題，以表達對課程的意見。

每所學校只需填寫及遞交一份問卷。本問卷為可填寫的PDF格式，請在PDF電子問卷中輸入資料，並於2026年12月2日（星期三）或之前，透過教育局「學校通訊模組」遞交問卷。

如有查詢，請與教育局創新科技教育分部科技教育組聯絡。

經辦人：何成發先生

電話號碼：3698 3145

甲部：學校與聯絡人資料

學校資料			
學校編號：			
學校名稱：			
聯絡人資料			
姓名：			
職銜：	☐ 校長／副校長 ☐ 課程統籌主任／課程領導人員 ☐ 資訊科技統籌主任 ☐ STEAM統籌主任 ☐ 負責科技教育的教師 ☐ 其他：_____		
聯絡電話：		電郵地址：	

乙部：問卷

請在適當方格上加「✓」，並在適當位置提供意見。

請在以下題(1)至(4)表達貴校對《小學資訊與創新科技課程框架（擬定稿）》的意見。

1. 貴校是否認同本課程以下理念？

	非常 認同	認 同	不 認 同	非 常 不 認 同	沒 有 意 見
(i) 連繫生活 ：從日常觀察及體驗出發，引導學生認識和理解科技如何影響學習、溝通、生活和社會；透過生活化、趣味化的學習活動，激發學生對資訊和創新科技的興趣，讓他們主動探索科技世界；同時課程幫助學生把本科所學有機連結至其他學科及課堂內外的真實情境，讓他們在綜合運用知識與技能的過程中，發展主動學習、探究和創意解難能力。	☐	☐	☐	☐	☐
(ii) 動手動腦 ：以「學中用、用中學」的實踐原則，引導學生透過操作電腦和機械裝置等科技工具，進行編程和運用人工智能等動手活動，從不斷嘗試、實踐中建構知識與概念；隨著能力的提升，學習將進展至「學而思、思而創」的階段，學生能反思所學，並且嘗試從「以人為本」的角度解決問題，發展計算思維和設計思維，培養解決問題能力和創造力。	☐	☐	☐	☐	☐
(iii) 科技向善 ：學生不僅需要掌握資訊科技的知識和技能，更要培養數字素養（包括媒體和資訊素養、人工智能素養）、人機協作所需具備的能力，以及正確的價值觀和態度，並明白人工智能對社會的影響，並懂得於數字世界尊重他人、保護私隱和負責任地使用資訊科技（包括人工智能）；同時鼓勵學生運用科技解決生活問題，服務社群，從小建立良好的數字公民意識與人文關懷精神，實踐科技改善生活的目標。	☐	☐	☐	☐	☐

2. 根據《小學資訊與創新科技課程框架（擬定稿）》的內容，貴校是否認同本課程能達致以下宗旨？

	非常 認同	認同	不 認同	非常 不 認同	沒 有 意 見
(i) 培養對資訊與創新科技的好奇心和興趣	☐	☐	☐	☐	☐
(ii) 發展綜合和應用不同資訊科技的能力	☐	☐	☐	☐	☐
(iii) 培養運用資訊科技進行自主學習的能力	☐	☐	☐	☐	☐
(iv) 培養人工智能素養，認識人工智能的基本概念、應用及局限，懂得慎用、善用並避免過度依賴人工智能，保持獨立思考	☐	☐	☐	☐	☐
(v) 認識資訊處理的基本概念	☐	☐	☐	☐	☐
(vi) 發展計算思維和基本編程能力，並用以解決問題	☐	☐	☐	☐	☐
(vii) 認識和實踐設計循環，透過辨識需求、構思、設計、製作、測試和改良，把構思轉化為作品或解決方案，培養設計思維與創造力	☐	☐	☐	☐	☐
(viii) 認識資訊與創新科技對個人和社會帶來的影響、機遇與挑戰，懂得保護個人和他人的權益	☐	☐	☐	☐	☐
(ix) 培養「科技向善」的信念，在數字時代作出正確且符合道德的決定，建立良好數字公民意識	☐	☐	☐	☐	☐
(x) 為在中學階段持續深化科技學習，及日後進階學習和個人發展作準備	☐	☐	☐	☐	☐

3. 貴學校是否認同本課程以下的設計原則？

	非常 認同	認同	不 認同	非常 不 認同	沒 有 意 見
(i) 按學生的認知發展，採用螺旋式與循序漸進的課程設計，並連繫生活	☐	☐	☐	☐	☐
(ii) 以科技素養與數字素養為核心，統整「知識、技能與態度」的培育	☐	☐	☐	☐	☐
(iii) 價值為首，培養學生對科技的正確價值觀和態度	☐	☐	☐	☐	☐
(iv) 結合課堂內外的學習經歷，在真實的情境下學習	☐	☐	☐	☐	☐
(v) 協同跨課程學習，促進與科學、數學、語文及其他學習領域的有機連結	☐	☐	☐	☐	☐
(vi) 著重「動手動腦」的學與教活動和專題研習，培養計算思維、設計思維及應用資訊與創新科技的能力	☐	☐	☐	☐	☐
(vii) 清晰列出學生於小學階段所需掌握的資訊與創新科技學習內容，以銜接初中階段的科技學習	☐	☐	☐	☐	☐

4. 就本課程的五個學習範疇，貴校是否認同以下的敘述？

	非常 認同	認同	不 認同	非常 不 認同	沒有 意見
(a) 範疇一：資訊科技概念與應用					
(i) 學習內容的要點具體清晰	☐	☐	☐	☐	☐
(ii) 學習內容深淺適中	☐	☐	☐	☐	☐
(iii) 學與教活動建議與學習內容配合	☐	☐	☐	☐	☐
(iv) 學與教活動建議切實可行	☐	☐	☐	☐	☐

其他意見／建議：

(b) 範疇二：計算思維與編程					
(i) 學習內容的要點具體清晰	☐	☐	☐	☐	☐
(ii) 學習內容深淺適中	☐	☐	☐	☐	☐
(iii) 學與教活動建議與學習內容配合	☐	☐	☐	☐	☐
(iv) 學與教活動建議切實可行	☐	☐	☐	☐	☐

其他意見／建議：

(c) 範疇三：人工智能初探					
(i) 學習內容的要點具體清晰	☐	☐	☐	☐	☐
(ii) 學習內容深淺適中	☐	☐	☐	☐	☐
(iii) 學與教活動建議與學習內容配合	☐	☐	☐	☐	☐
(iv) 學與教活動建議切實可行	☐	☐	☐	☐	☐

其他意見／建議：

4. 就本課程的五個學習範疇，貴校是否認同以下的敘述？

	非常 認同	認同	不 認同	非常 不 認同	沒有 意見
(d) 範疇四：基礎工程與機械人相關技術					
(i) 學習內容的要點具體清晰	☐	☐	☐	☐	☐
(ii) 學習內容深淺適中	☐	☐	☐	☐	☐
(iii) 學與教活動建議與學習內容配合	☐	☐	☐	☐	☐
(iv) 學與教活動建議切實可行	☐	☐	☐	☐	☐

其他意見／建議：

(e) 範疇五：科技與社會

(i) 學習內容的要點具體清晰	☐	☐	☐	☐	☐
(ii) 學習內容深淺適中	☐	☐	☐	☐	☐
(iii) 學與教活動建議與學習內容配合	☐	☐	☐	☐	☐
(iv) 學與教活動建議切實可行	☐	☐	☐	☐	☐

其他意見／建議：

請在以下題(5)至(12)表達貴校對支援措施的意見。

5. 貴校在下列哪些方面，有專業培訓需要？（可選多於一項）

- | | |
|-------------------------------------|-----------------------------------|
| ☐ 課程領導與規劃的培訓 | ☐ 課程詮釋的培訓 |
| ☐ 知識增益的培訓 | ☐ 學與教策略的培訓 |
| ☐ 關於學習評估的培訓 | ☐ 專業學習社群 |

6. 貴校認為教師需要教育局提供下列哪些學習範疇的教師專業發展課程？（可選擇多於一項）

學習範疇 (請在相關方格上加✓)	請具體說明建議之課題／培訓重點
☐ 範疇一： 資訊科技概念與應用	
☐ 範疇二： 計算思維與編程	
☐ 範疇三： 人工智能初探	
☐ 範疇四： 基礎工程與機械人 相關技術	
☐ 範疇五： 科技與社會	

7. 貴校認為教師需要教育局提供下列哪些學習範疇的學與教資源？（可選擇多於一項）

學習範疇 (請在相關方格上加✓)	請具體說明建議之課題／資源類型
☐ 範疇一： 資訊科技概念與應用	
☐ 範疇二： 計算思維與編程	
☐ 範疇三： 人工智能初探	
☐ 範疇四： 基礎工程與機械人 相關技術	
☐ 範疇五： 科技與社會	

8. 貴校預計在推行本課程時，需要下列哪些支援措施？（可選多於一項）

- ☐ 提升課程領導／統籌人員的課程領導能力的專業培訓
- ☐ 提升科任教師教學能力的專業培訓
- ☐ 適切的學與教資源（例如：學與教示例或相關教學裝置／設備）
- ☐ 促進跨學科（如小學科學科、STEAM 教育）協作的支援。
- ☐ 其他（請註明）：_____

9. 貴校預計會安排多少教師參加由教育局舉辦與本課程相關的專業發展課程？

	教師人數
課程領導、規劃相關課程（對象為科主任或級統籌）	
知識增益、學與教策略、評估策略相關課程（對象為科主任、級統籌或科任教師）	

10. 全港小學須於2028/29學年在小一及小四級推行本課程，並逐年循序推展至其他級別；如學校準備充足，可於2028/29學年在小一至小六級全面推行本課程。教育局亦鼓勵學校盡早規劃課程，學校可於2027/28學年試行本課程內容。

(a) 貴校會否計劃於2027/28學年試行本課程內容？

- ☐ 會
- ☐ 不會

(b) 貴校預計於2028/29學年在小一及小四級推行本課程，並逐年循序推展至其他級別，還是會在小一至小六級全面推行本課程？

- ☐ 本校預計於2028/29學年在小一及小四級推行課程，並逐年循序推展至其他級別
- ☐ 本校預計於2028/29學年在小一至小六級全面推行本課程

11. 貴校對《小學資訊與創新科技課程框架（擬定稿）》的其他意見或建議：

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12. 貴校是否有興趣參加小學資訊與創新科技科教師學習社群，以加強教師的專業交流？

- ☐ 有
☐ 未決定

請於 2026年12月2日（星期三）或之前，透過教育局「**學校通訊模組**」將完成的問卷交回教育局創新科技教育分部科技教育組。

- 完 -

感謝學校的意見！