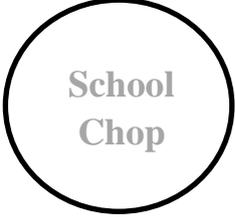


## School Survey on the Updating of the Technology Education Key Learning Area Curriculum (P1-S6)

<b>School Name:</b> _____	<b>School Number:</b> <table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"><tr><td style="width: 15%;"></td><td style="width: 15%;"></td><td style="width: 15%;"></td><td style="width: 15%;"></td><td style="width: 15%;"></td><td style="width: 15%;"></td></tr></table>						
<input type="radio"/> <b>Primary school</b> <input type="radio"/> <b>Secondary school</b>							
<b>Name of Contact Person/Post:</b> _____							
<b>Telephone Number:</b> _____							
<b>Principal's Signature:</b> _____							

### Background

#### **Ongoing Renewal of School Curriculum - *Focusing, Deepening, Sustaining***

In order to sustain the Learning to Learn curriculum reform launched in 2001 and to keep abreast of the various contextual changes in society over the past decade or so, we are entering into a stage of sustainable and ongoing curriculum renewal and updating (also known as “Learning to Learn 2.0”). In this new phase of curriculum renewal, the educational aims of promoting whole-person development and lifelong learning as well as the overall curriculum framework and learning goals will be kept, particularly the improvement of its quality and effectiveness. The curriculum will remain learner-centred and continue to focus on learning and teaching. However, to maintain Hong Kong’s competitive edge and to prepare our students well for the local and global changes taking place in various fields, considerations for curriculum planning under the curriculum renewal are recommended for sustaining, deepening and focusing on in school-based curriculum development so that the positive impacts of the Learning to Learn curriculum reform can be reinforced and students will be better equipped for future challenges.

### Purpose

The purpose of this questionnaire is to collect views from **principals, vice-principals, subject panel heads (or primary General Studies panel heads) and teachers** for the Curriculum Development Council on the broad direction of the onward curriculum development of the Technology Education Key Learning Area (KLA) in the context of the enhanced version of Learning to Learn 2001 of which promoting **STEM education** is a key emphasis (Please refer to the *Overview on the Promotion of STEM Education - Unleashing Potential in Innovation and Consultation Brief on Updating the Technology Education KLA Curriculum (Primary 1 to Secondary 6)* for details). It is part of the consultation on the updating of the KLA curriculum guides, during which the content would be revisited and considerations for curriculum planning under the curriculum renewal would be proposed as suggestions for further development of the school-based curriculum in each KLA. In parallel, other stakeholders will be consulted through various channels, including briefing sessions and focus group interviews. The feedback collected will be consolidated to facilitate further deliberations on the updating of the curriculum guides of the KLAs concerned.

### Return of Questionnaire

The Technology Education KLA coordinator(s) / panel heads of Technology Education subjects / primary General Studies panel heads are advised to exchange views with the principal, vice-principal(s) and the panel members of the KLA concerned before responding to the questions and send the completed questionnaire, **by using the self-addressed envelope enclosed herewith**, with the signature of the principal and the school chop **by mail** to the Council and Secondary Section of the Curriculum Development Institute, Education Bureau (13/F, Wu Chung House, 213 Queen's Road East, Wanchai, Hong Kong) **by 4 January 2016**. For the Technology Education KLA, schools are expected to return ONE questionnaire only. For enquiries, please contact Ms Cindy POON at 3698 3142. All information will be kept strictly confidential and only used for the purpose of updating the Technology Education KLA Curriculum Guide. No information of individual schools will be revealed.

Please refer to the *Overview on Promotion of STEM Education – Unleashing Potential in Innovation and Consultation Brief on Updating the Technology Education KLA Curriculum (Primary 1 – Secondary 6)* when responding to the following questions.

Please express your extent of agreement or views by blackening the appropriate circles in the following items, and offer additional suggestions in the spaces provided.

1. The promotion of STEM education is introduced as a key emphasis of the ongoing renewal of the school curriculum. Its focus is to unleash students' potential and develop their capacity to **innovate** by enhancing their creativity and problem solving skills, as well as their interest in learning through **integrating and applying knowledge and skills** across disciplines of Science, Technology and Mathematics Education KLAs.

Strongly agree     Agree     Disagree     Strongly disagree     No opinion

Other comments:

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2.

Recommended approaches for organising STEM-related learning activities		Strongly agree	Agree	Disagree	Strongly disagree	No opinion
(i)	Learning activities based on topics of a KLA for students to integrate relevant learning elements from other KLAs	<input type="radio"/>				
(ii)	Projects for students to integrate relevant learning elements from different KLAs	<input type="radio"/>				

Other comments:

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3.

Proposed strategies for promoting STEM education		Strongly agree	Agree	Disagree	Strongly disagree	No opinion
(i)	Renew the curricula of Science, Technology and Mathematics Education KLAs	<input type="radio"/>				
(ii)	Enrich learning activities for students	<input type="radio"/>				
(iii)	Provide learning and teaching resources	<input type="radio"/>				
(iv)	Enhance professional development of schools and teachers	<input type="radio"/>				
(v)	Strengthen partnerships with community key players	<input type="radio"/>				
(vi)	Conduct review and disseminate good practices	<input type="radio"/>				

Other comments:

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4. (i) Your concerns about the promotion of STEM education in your school:

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(ii) Your views on the promotion of STEM education in schools:

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(iii) Good practices of your school, if any, on promoting STEM education to share with other schools:

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5. Other suggestions on promoting STEM education in schools:

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6. The following focuses for the ongoing renewal of the school curriculum can be integrated into the Technology Education KLA curriculum through tasks.

Considerations for curriculum planning	Strongly agree	Agree	Disagree	Strongly disagree	No opinion
(i) Promoting STEM education	<input type="radio"/>				
(ii) Strengthening information literacy	<input type="radio"/>				
(iii) Strengthening language across the curriculum	<input type="radio"/>				
(iv) Promoting values education	<input type="radio"/>				

Other comments:

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7. The following areas for updates are to be put forth in the Technology Education KLA Curriculum Guide.

Areas for Updates		Strongly agree	Agree	Disagree	Strongly disagree	No opinion
(i)	Integrative learning and application skills of students through STEM education	<input type="radio"/>				
(ii)	Generic skills, values education (including Basic Law education), language across the curriculum and information literacy	<input type="radio"/>				
(iii)	e-Learning	<input type="radio"/>				
(iv)	Holistic school-based Technology Education curriculum planning	<input type="radio"/>				
(v)	Catering for learner diversity	<input type="radio"/>				

Other comments:

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8. (i) Area(s) that your school requires support most: *(You may blacken more than one circle.)*

- STEM education
- Enhancing students' technological literacy
- Holistic curriculum development (e.g. vertical continuity/lateral coherence, collaboration among KLAs, flexible use of curriculum time)
- Pedagogies (including e-learning)
- Catering for learner diversity
- Values education
- Language across the curriculum
- Assessment literacy
- Others (Please specify.)

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(ii) Support measures that can best address the needs and concerns of your school in incorporating the major areas for updates in the school-based technology education curriculum: *(You may blacken more than one circle)*

Professional development programmes

Curriculum Planning (including the planning of cross-KLA/STEM-related activities)

Learning, Teaching and Assessment (including that for STEM-related activities)

Enriching Knowledge (including cutting edge development in STEM-related fields)

Resource packages

School-based support

Online resources provided by the EDB (e.g. One-stop Portal for Learning and Teaching Resources, Technology Education Section website)

Others (e.g. equipment, venues) Please specify.

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**9.** (i) Programming (including coding) is taught in school at the following level(s) *(You may blacken more than one circle)*.

Primary 4     Primary 5     Primary 6     Secondary 1     Secondary 2     Secondary 3     Other (please specify\_\_\_\_\_)

(ii) Programming (including coding) should be taught in schools in Hong Kong at the following level(s) *(You may blacken more than one circle)*.

Primary 1 to 3                       Primary 4 to 6                       Secondary 1 to 3                       Other (please specify \_\_\_\_\_ )

(iii) Computer teacher(s) in my school is/are capable to teach programming (including coding) in classes.

Strongly agree     Agree     Disagree     Strongly disagree     No opinion

Other comments:

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**10.** Other suggestions on the updating of the Technology Education KLA Curriculum:

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***– The End –  
Thank you very much!***