Technology Education Good Practices Sharing Scheme
科技教育成功經驗分享計畫

Technology Education Section
Curriculum Development Institute
Education and Manpower Bureau

May 19, 2006

Outline of the Briefing Session

1. Introduction of TEKLA
2. Introduction of the Scheme
3. Award Types and Adjudication
4. Post-activity Events
5. Application Procedures
6. Question and Answer Session

Key Features of TEKLA

- TEKLA comprises

Key Features of TEKLA

What is Technology Education (TE)?

The learning of how human beings solve their daily problems and how to replicate and transfer the process to solve new problems that arise from time to time

Key Features of TEKLA

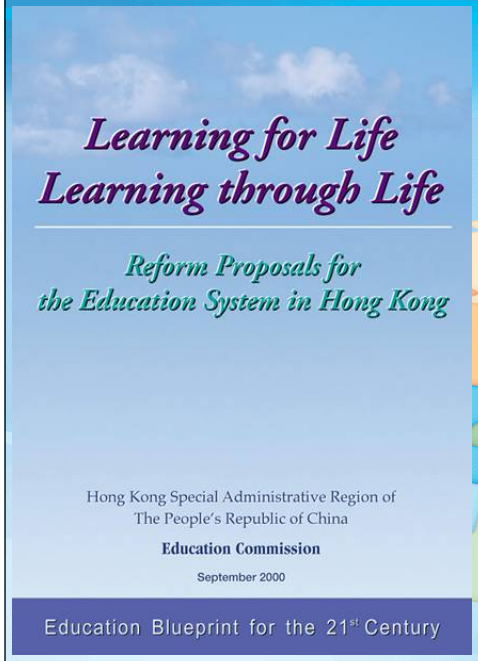
- Emphases of TE
  - Awareness
  - Exploration
  - Experiencing
  - Specialization
  - Life-long learning

Objectives of the Scheme

- To recognize the quality work and contribution of schools, including school heads and teachers in effective design, development and successful implementation of TE in the whole school curriculum

Objectives of the Scheme

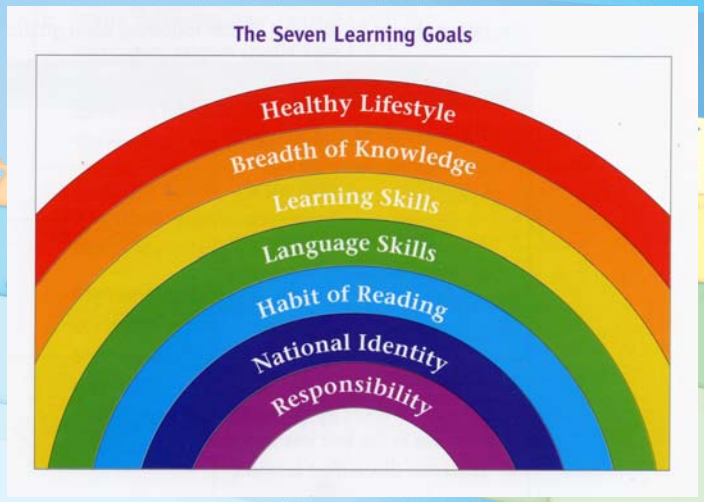
- To recognize quality work of students in realizing the aims of education and goals of school curriculum through TEKLA



Aims of Education for the 21st Century

To enable every person to attain all-round development in the domains of ethics, intellect, physique, social skills and aesthetics according to his/her own attributes so that he/she is capable of lifelong learning, critical and exploratory thinking, innovating and adapting to change; filled with self-confidence and a team spirit; willing to put forward continuing effort for the prosperity, progress, freedom and democracy of their society, and contribute to the future well-being of the nation and the world at large.

The Seven Learning Goals



Organizer

Technology Education Section
Curriculum Development Institute
Education and Manpower Bureau

Supporting Bodies

Tertiary Institutions	Professional Bodies and Organizations
➢ The Chinese University of Hong Kong (Faculty of Science) ➢ The Hong Kong Institute of Education (Department of Mathematics, Science, Social Sciences and Technology) ➢ The Hong Kong Polytechnic University (Institute of Textiles and Clothing) ➢ The Open University of Hong Kong ➢ The University of Hong Kong (Faculty of Science)	➢ Consumer Council ➢ Council of Hong Kong Professional Associations ➢ Hong Kong Food Science and Technology Association ➢ Hong Kong Home Economics Association ➢ Hong Kong Technology Education Association ➢ The Hong Kong Association for Computer Education ➢ The Hong Kong Institution of Engineers (Electrical Division)

Awards for Good Practice

Awards for Good Practice

1. Good Practice for Curriculum Design in Technology Education
   科技教育課程設計成功經驗
2. Good Practice for Curriculum Leadership in Technology Education
   科技教育課程領導成功經驗
3. Student Ambassador of Technology Education
   科技教育學生大使

Good Practice for Curriculum Design in Technology Education

科技教育課程設計成功經驗

Good Practice for Curriculum Design in Technology Education

- Target groups
  - TEKLA Co-ordinators
  - Panel Chairpersons
  - Teachers of TEKLA

Good Practice for Curriculum Design in Technology Education

- Scope
  - Curriculum design of TEKLA of various levels in term of
    - individual TE subject, or
    - integrating subjects within TEKLA, or
    - integrating TE subjects across KLAs

The Hong Kong School Curriculum

4 Core Subjects: Chinese Language, English Language, Mathematics, Liberal Studies

+

2-3 Elective Subjects out of 20 subjects or out of courses in career-oriented studies

+

Other Learning Experiences including moral and civic education, community service, aesthetic and physical experiences and work-related experiences (e.g. job attachment)

Generic Skill

Value & Attitude

KEY LEARNING AREAS

- Chinese Language Education
- English Language Education
- Mathematics Education
- Personal, Social and Humanities Education
- Science Education
- Technology Education
- Arts Education
- Physical Education

General Studies

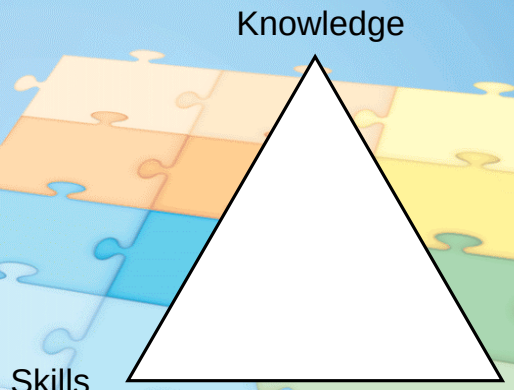
NSS

P1- S3

FIVE ESSENTIAL LEARNING EXPERIENCES

Moral and Civic Education | Intellectual Development | Community Service | Physical & Aesthetic Development | Career-related Experiences

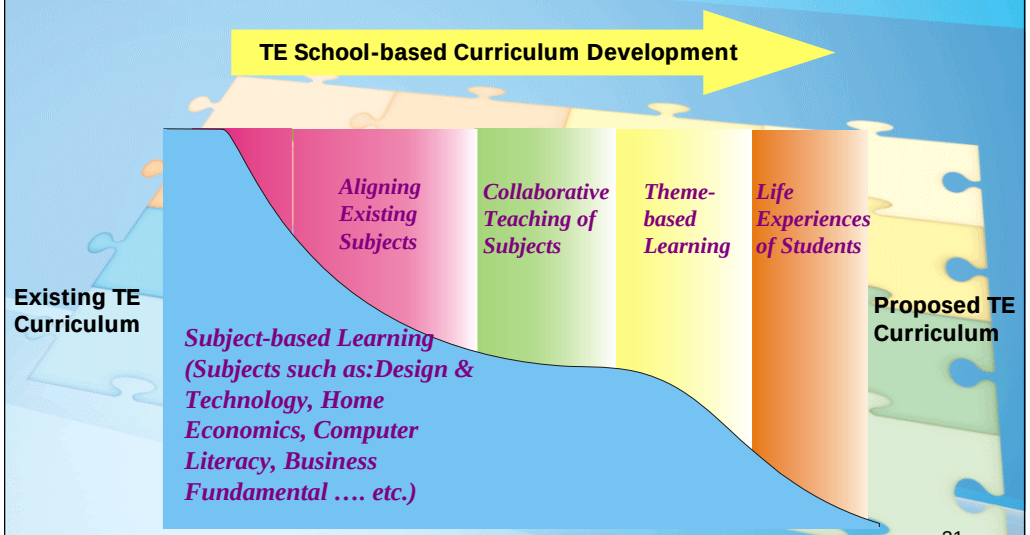
Interrelationships



Learning Elements under Knowledge Contexts in Technology Education

Information & Communication Technology	Common Topics ▪ Technology & Society ▪ Safety & health ▪ Information Processing & Presentation ▪ Design & Application ▪ Consumer Education
Materials & Structures	
Operations & Manufacturing	
Strategies & Management	
System & Control	
Technology & Living	

Modes of TE School-based Curriculum Development



Good Practice for Curriculum Design in Technology Education

- Supporting Evidences
  - e.g. school plans, teaching schemes, lesson plans,etc.
  - Together with related student work such as work sheets, assignments, etc

Good Practice for Curriculum Design in Technology Education

- Judging criteria
  1. Balance
     - Breadth and depth, theoretical and applied learning
  2. Flexibility
     - Timetabling, school-based, integration with other subjects
  3. Student learning
     - Clear learning goals and targets, put current emphases and issues into practice, learning activities cater for diversity

Good Practice for Curriculum Leadership in Technology Education

科技教育課程領導成功經驗

Good Practice for Curriculum Leadership in Technology Education

- Target groups
  - School heads
  - Deputy school head
  - TEKLA Co-ordinators
  - Panel Chairpersons
  - Teachers of TEKLA

Good Practice for Curriculum Leadership in Technology Education

- Scope
  - Regarding for implementation of TE in school

Good Practice for Curriculum Leadership in Technology Education

- Format
  - Attend a 20-minute interview
  - Theme of the interview
    - Explain how TE has been promoted under his/her/their leadership with supporting evidences

Good Practice for Curriculum Leadership in Technology Education

- Judging criteria
  1. Knowledge in TE
     - Level of understanding, vision, passion, pursue continuing self-improvement and professional development
  2. Skills
     - Interpersonal skills
  3. Values and attitudes
     - Commitment, support to school development in TE, role model

Student Ambassador of Technology Education

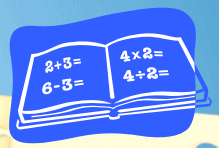
科技教育學生大使

Student Ambassador of Technology Education

- Target group
  - Students

Student Ambassador of Technology Education

- Scope
  - Performance in TEKLA
  - Attitudes towards learning of TE



Student Ambassador of Technology Education

- Format
  1. Evidence of performance/ achievement in academic and co-curricular activities of TEKLA

2. A piece of reflection on the topic of *"My Learning Experience of TE"*

Student Ambassador of Technology Education

- Judging criteria
  1. Achievements in TE
  2. Comprehensiveness of the reflection
     - Application of the knowledge of TE
     - Understanding of TE
     - Have curiosity, interests and an inquiry attitude in TE

Student Ambassador of Technology Education

- *"My learning experience of TE"*
  - Students can share any memorable experience in learning TE
    - How they overcome and solve TE problems
    - How they make inquiries in a logical and critical way
    - etc.

Judging panels

- Comprises of academics, professionals in the education sector, representatives of related professional bodies and organizations

Award Presentation Ceremony

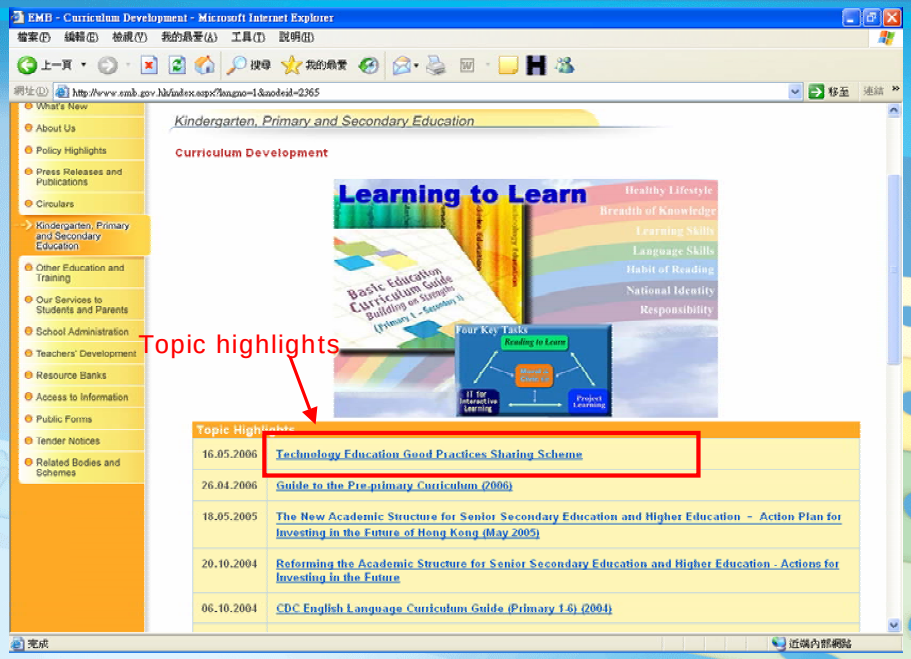
- To be held in November 2006

Post-activity Sharing Session

- The best ten participants of each category will be invited to share their good practices at the Post-activity Sharing Session and other related professional development programs

Entry Forms

- Either use the Entry Forms attached in the EMB Circular Memorandum No.79/2006; or
- Download the Entry Forms from the website of the Curriculum Development Institute
  http://www.emb.gov.hk/cd



Important Dates

Date	Tasks and Events
3 Jun 2006	**Deadline for application of the Scheme**
12 Jun to 14 Jun 2006	Notification to individual nominees of curriculum leaders of details of interview
28 Jun to 8 Jul 2006	Interviews of curriculum leaders
20 Jul 2006	**Deadline for schools to provide supporting artifacts to CDI**
Jul to Sep 2006	Adjudication
Nov 2006	Prize-giving Ceremony (exact date to be confirmed in Oct 2006)
Nov 2006 to Feb 2007	Post-Award Sharing Sessions (exact dates to be confirmed in Nov 2006)

Enquiry

- Technology Education Section of Curriculum Development Institute
- Tel. No. 3689 3118/ 3698 3122

Thank You!

Question and Answer Session