

## Information Sheet for 2<sup>nd</sup> Consultation Seminar

### Proposed NSS Elective Subject under TEKLA – **Information and Communication Technology (ICT)**

#### **Background**

Building on the strengths of the existing TE curriculum and catering for social, economic and technological development, ICT is proposed as one of the five elective subjects under Technology Education Key Learning Area in the New Senior Secondary Curriculum. A proposed C&A Framework mapping out the way forward for the implementation of the ICT Curriculum has been uploaded to the EMB website for public consultation.

#### **First Consultation (Nov 2004)**

- In the first round consultation, we are delighted that there is overwhelming support from schools in terms of the rationale and curriculum aims of ICT. Almost all schools show interest in offering ICT to their students as one of the elective subjects in the NSSC.
- We have made appropriate changes to the original proposal and supply further details in the C&A Framework to address the major concerns from stakeholders with regard to the curriculum structure, content, assessment, and support.

#### **Second Consultation (Jun 2005)**

##### **Curriculum Framework**

- In the revised curriculum framework, the suggested curriculum time for the Compulsory Part increases from 135 to 165 hours to reflect the breath in curriculum content. Details as follows:

Compulsory Part	Suggested time allocation (hours)
Information Processing	64
Computer System Fundamentals	25
Internet and Its Applications	28
Basic Programming Concepts	20
Social Implications	28
Total	165

- The suggested curriculum time for the elective part decreases from 90 to 75 hours.
- Databases replace e-Commerce as a standalone option in the Elective Part. The learning elements of e-Commerce will be subsumed into the Compulsory Part.

The revised options in the Elective Part are:

Databases
Data Communications and Networking
Multimedia Production and Web Development
Software Development

### **School Based Assessment (SBA)**

- SBA consists of the core skills assessment and one piece of project work. Details as follows:
  - core skills assessment           10%
  - project work                         15%
- Teachers can either use the assessment tasks provided by the HKEAA or set questions by themselves for the core skills assessment.
- Students are required to complete a project from a list issued by the HKEAA according to their chosen option in the Elective Part. The context of a project to be assessed is pertinent to the Compulsory Part as well as the option in the Elective Part taken by individual students.
- Projects will be assessed continuously and marked internally by teachers. In order to ensure the consistency in marking across schools, teachers should primarily rank their own students accurately according to student performance in the school-based assessment. The school-based assessment results will be statistically moderated by, but not limited to, the public written examination results. Professional judgments by examiners will also be involved.

### **Supporting Measures**

- There are four components in the professional development programmes:
  - (1) Understanding and Interpreting the ICT curriculum (6 hours)
  - (2) Assessing Student Learning (15 hours)
  - (3) Learning and Teaching Strategies (12 hours)
  - (4) Enriching Knowledge (18 hours)
- The first two are core provisions to ALL teachers with the intention to teach ICT while the other two are optional. Hours in brackets are the proposed number of training hours per teacher.