eLEP Workshop 4

Using E-Portfolios For Evaluating Students' Learning Performance

United Christian College (THT)

Poon Kwai Choi

ucc-pkc@hkedcity.net

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Developing Diligence . Cultivating Virtue

Content

♦ Background

♦ Introduction of learning portfolios

♦ Reason for implementing learning portfolios in schools

♦ Introduction to electronic portfolio and its characteristics

♦ Steps for Implementing Electronic Portfolio in school

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Background

What is the trend of using IT in Education?

How to record students' learning process?

How to organize students' artifacts effectively?
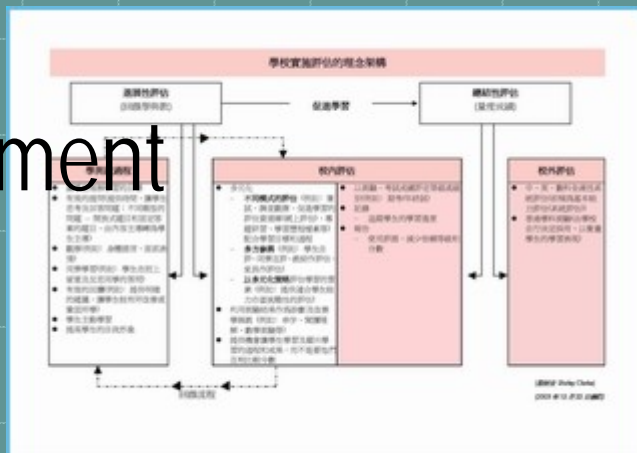
What kind of IT tools help student to learn better?

Education

School

Computer Subject

Personal

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What is our NEED?

Teaching and Learning

Learning Process

Assessment

Introduction of learning portfolios

♦ What are learning portfolios?

♦ A Learning Portfolio is a purposeful collection of student work that exhibits the student's efforts, progress and achievements in one or more areas.

♦ The collection must include student participation in selecting contents, the criteria for selection; the criteria for judging merit, and evidence of student self-reflection.

(Northwest Evaluation Association, 1990)

My Documents

Introduction of learning portfolios

♦ What are learning portfolios?

♦ In 1990's, the traditional storage format for portfolios in education is paper-based, usually in manila folders, three-ring notebooks or larger containers.

♦ Most often, the artifacts are comprised of text and images on paper, although the use of video or audio tape has been emerging.
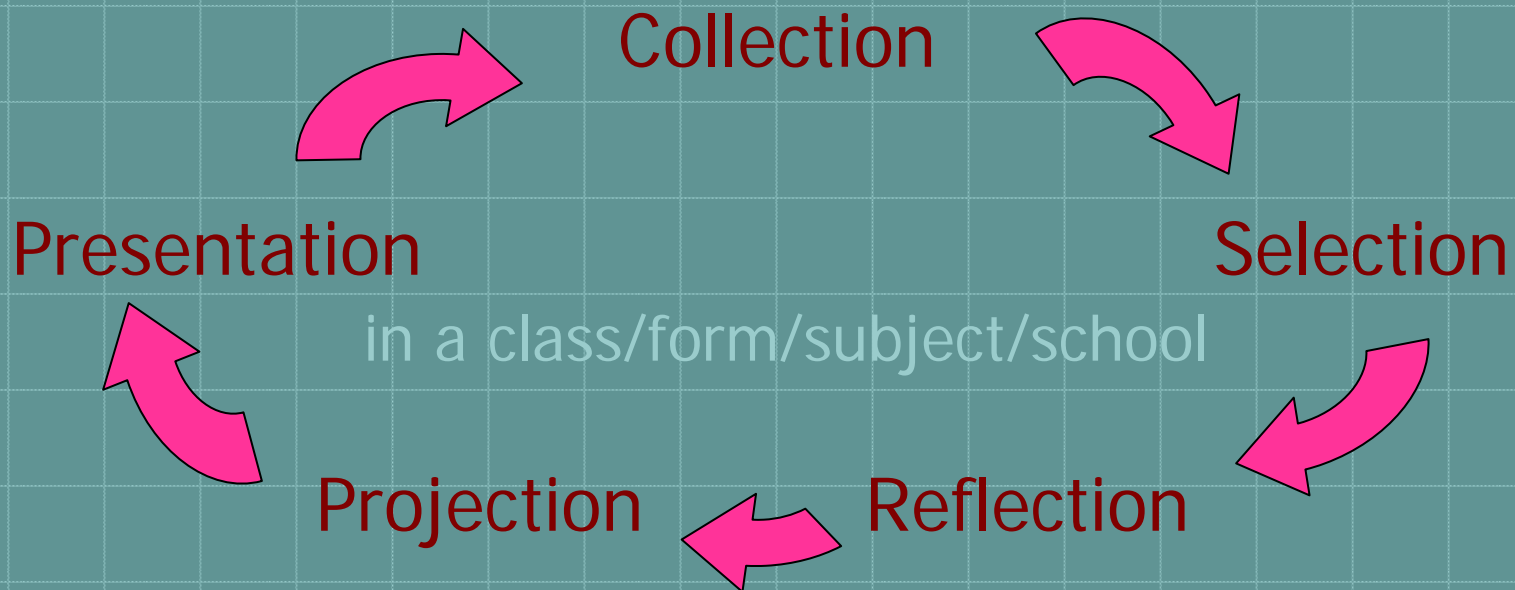
Introduction of learning portfolios

♦ Types of portfolios

♦ Working

♦ Showcase

♦ Career

♦ …

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Introduction of learning portfolios

♦ Framework for the portfolio development process:

Collection

Presentation   Selection

in a class/form/subject/school

Projection   Reflection

(Danielsen & Abrytyn, 1997; Barrett, 2000)

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Why implementing learning portfolios in schools?

- ◆ "Learning to Learn - The Way Forward in Curriculum"
  - ◆ Learning to learn
    - ◆ The overarching principle is to help students learn how to learn.
  - ◆ Student centre
    - ◆ A learner-focused approach should be used to make decisions in the best interests of students.
    - ◆ Diversified learning, teaching and assessment strategies should be used to suit the different needs of students.

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Why implementing learning portfolios in schools?

♦ **"Learning to Learn - The Way Forward in Curriculum"**

  ♦ Authentic Assessment

    ♦ Assessment is the practice of collecting evidence of student learning. It is an integral part of the learning and teaching cycle rather than a separate stage at the end of teaching. It helps to provide information for both students and teachers to improve learning and teaching (assessment for learning).

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Why using electronic?

♦ Digital Landscape in 21st Century

- ♦ Everything is in digital

- ♦ Multimedia presentation is fun

- ♦ Digital storage is easy to manage

Introduction of electronic portfolios

- ◆ Helen C. Barrett, University of Alaska Anchorage (1991)
  - ◆ Many documents are initially created with a computer
  - ◆ Hypertext links allow clear connections between standards and portfolio artifacts
  - ◆ Creating an electronic portfolio can develop skills in using multimedia technologies
  - ◆ It's fun and easier to manage the process, especially storage and presentation

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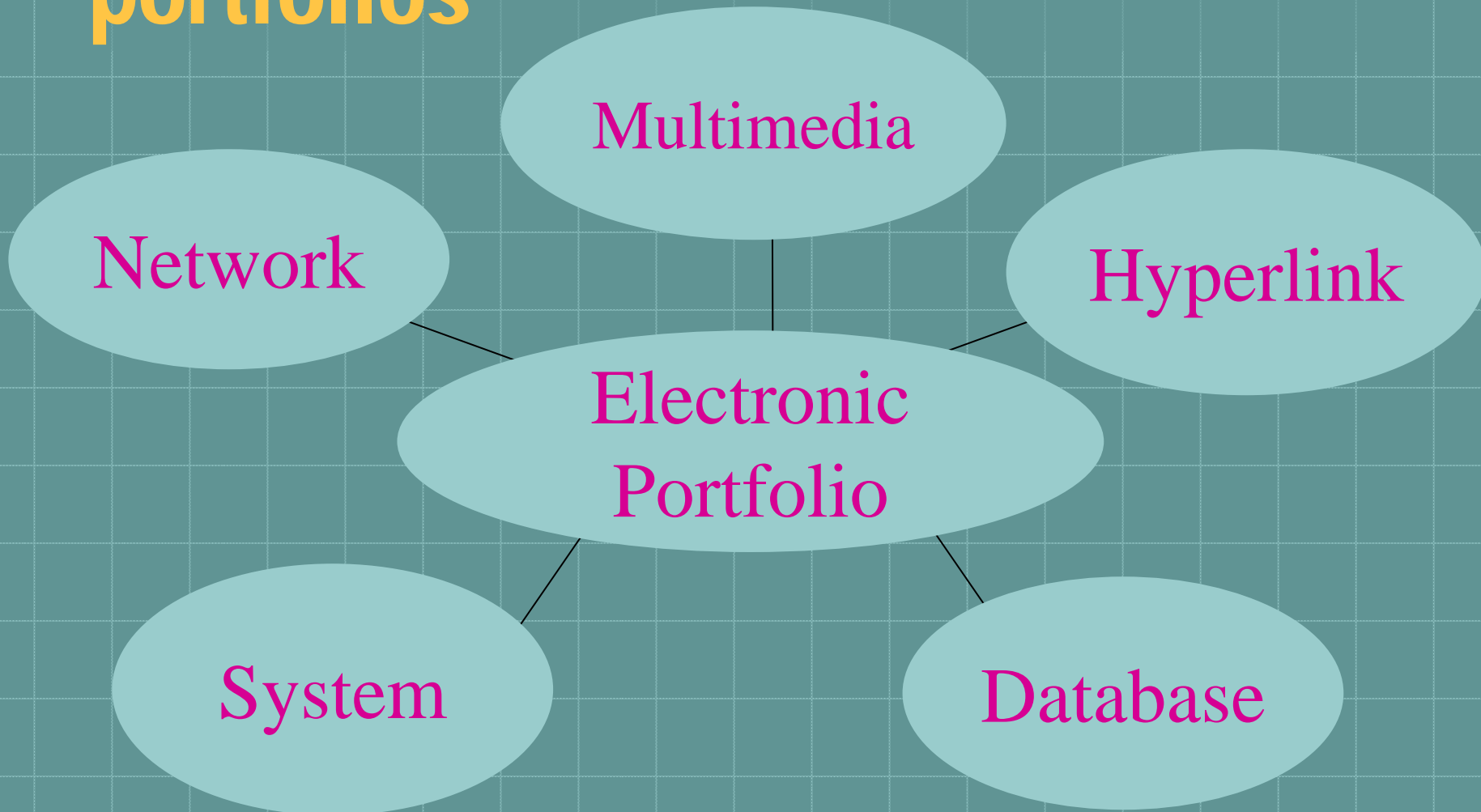Developing Diligence . Cultivating Virtue

Introduction of electronic portfolios

♦ What are electronic portfolios / e-Portfolio?

- ♦ An electronic portfolio uses electronic technologies, allowing the portfolio developer to collect and organize portfolio artifacts in many media types dynamically (audio, video, graphics, text).

- ♦ A standards-based portfolio uses a database or hypertext links to clearly show the relationship between the standards or goals, artifacts and reflections.

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Characteristics of electronic portfolios

Multimedia

Network

Hyperlink

Electronic Portfolio

System

Database

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Example

♦ United Christian College

♦ http://eclass.ucc.edu.hk

♦ 3C 22

Learning? eg. Generic skills?

Assessment? eg. Academic result?

Learning Process? eg.Best record

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Steps for Implementing Electronic Portfolio in school
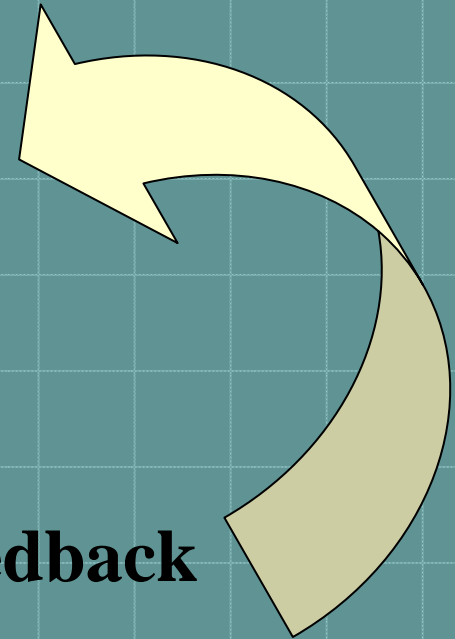
1. Building Team, Setting Goal

2. Making Plans

3. Executing Plans

4. Providing Feedback

5. Making Evaluation

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Building Team, Setting Goal

♦ Team
  ♦ IT teachers

♦ Goal
  ♦ Enhance generic skills
  ♦ Organize and sharing artifacts
  ♦ Learn to reflect
  ♦ Enrich learning record

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Making Plans

♦ Content:
  ♦ First Page
  ♦ Self Introduction [self, background, motto]
  ♦ Learning blog
  ♦ KLA [Chi, Eng, …, Bible, Reading]
  ♦ ECA
  ♦ Service
  ♦ Certificate
  ♦ Faith Sharing
  ♦ CV

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Executing Plans

♦Tool：

Broadlearning iPortfolio

- ♦ Developed according local school's need
- ♦ Matching the process of portfolio development
- ♦ Having Chinese and user-friendly interface

http://www.eclass.com.hk

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Executing Plans

♦ IT lesson
  ♦ Promote, organize, guide
♦ Other subjects
  ♦ Standard, supervise
♦ School
  ♦ Support, direct

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Executing Plans

♦ Students

   ♦ Digitized artifacts regularly

   ♦ Keep recording and writing

      ♦ **Reflection / Learning blog**

   ♦ Willing to share

Providing Feedback

♦ Performance of electronic portfolio is part of the IT marks.

♦ Invite students and parents give feedback.

♦ Best works will be shown in IT week.

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Making Evaluation

♦ Are the students improved with evident?

♦ Are the goals be reached?

♦ Any improvement can be made?

♦ Is the workload too heavy?

♦ What's next?

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Dream…

May all the students

have a place to write their own wonderful stories!

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"Good Practices on IT in Education" Interactive Platform

http://gp.emb.hkedcity.net