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Using E-Portfolios For Evaluating Students' Learning Performance

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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
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?
What is our NEED?

Teaching and Learning

Learning Process

Assessment

Understanding Truth . Pursuing God . Developing Diligence . Cultivating Virtue
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)
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
  ♦ ...
Introduction of learning portfolios

♦ Framework for the portfolio development process:

Collection

Selection

Presentation

Projection

Reflection

in a class/form/subject/school

(Danielsen & Abrytn, 1997; Barrett, 2000)
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.
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).
Why using electronic?

♦ Digital Landscape in 21\textsuperscript{st} 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
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.
Characteristics of electronic portfolios

- Multimedia
- Hyperlink
- Network
- System
- Database

Electronic Portfolio
Example
− United Christian College
− http://eclass.ucc.edu.hk
− 3C 22

Learning? eg. Generic skills?
Assessment? eg. Academic result?
Learning Process? eg. Best record
Steps for Implementing Electronic Portfolio in school

1. Building Team, Setting Goal
2. Making Plans
3. Executing Plans
4. Providing Feedback
5. Making Evaluation
Building Team, Setting Goal

♦ Team
  ♦ IT teachers

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

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

♦ IT lesson
  ♦ Promote, organize, guide

♦ Other subjects
  ♦ Standard, supervise

♦ School
  ♦ Support, direct
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.
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?
Dream...

May all the students have a place to write their own wonderful stories!

http://gp.emb.hkedcity.net