Engaging and Assessing K-12 Students using Digital Portfolios

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What are we doing to help students?

- NH standards = "ICT literacy"
- ICT supports core content areas
- Based on national standards (NETS-S, Info Literacy, ITEA, 21st Century Skills)
- Creation of digital portfolios at all levels
- Portfolios assessed locally in 8th grade
- HS graduation requires ½ credit ICT course or demonstrated proficiency

What (continued)

Use NCLB Title II-D grants to support:

- Project based learning
- Building capacity with digital portfolios
  - Technology skills (teachers and students)
  - Blending ICT into curriculum / content areas
  - Importance of student reflections
  - Importance of student centered approach
  - School capacity for digital storage of artifacts
  - Portfolio organizing strategies (all kinds)

Who teaches ICT?

- Varies by school district (LMS, tech integrator, computer lab teacher, classroom teachers)

- Team teaching encouraged

- Increasing number of schools with "tech integration specialist"

- Focus on ICT to support content area learning, not on ICT in isolation

How do we assess?

- Proficiency determined at local level
- Digital portfolios assessed with rubrics
- Schools choose rubrics to use
- 8th grade portfolio defines competency for tech literacy reporting (summative)
- Portfolio at each grade defines individual instructional needs (formative)
- High school portfolios for instructional purposes and **optionally** for assessment of credit

Why assess with portfolios?

- Student engagement enhanced by portfolio approach. Students can:
  - customize to show who they are
  - make choices about what to include and why
  - reflect on their work (deepen personal awareness and goal setting)
- Alternative to another test
- Avoid separation of ICT from content
- Promote 21st century learning tools and strategies within all content areas

ICT Literacy Toolkit

Introduction

WELCOME TO THE ICT LITERACY TOOLKIT!

In July 2005, a new set of ICT Literacy standards took effect in New Hampshire. Thus began a multi-year change process in our schools designed to ensure that our students learn 21st century skills.

The information within this toolkit was gathered over the past few years from national, regional, and local sources. Materials used to be in three different sections of this website. We hope you will find that topics and resources are now more organized and easier to locate. Use the menu at left to browse through the pages and get acquainted with what's here.

This toolkit is a work-in-progress, just like the implementation of these standards. Here's a timeline for you to see our statewide progress:

ICT LITERACY TIMELINE OF KEY EVENTS

2001	NCLB Act passes and includes **tech literacy Goal**
2002	NH State Board of Education initiates revision of state standards
2004	Standards revision process continues with review of national standards, committee work, public hearings, etc.
7/1/2005	**NH School Approval Standards** take effect. Former computer literacy section becomes ICT Literacy and includes portfolio requirement.
Winter 2005-06	NHDOE begins **tech assistance** to districts regarding the new standards

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7/1/2005	**NH School Approval Standards** take effect. Former computer literacy section becomes ICT Literacy and includes portfolio requirement.
Winter 2005-06	NHDOE begins **tech assistance** to districts regarding the new standards
Spring 2006	NHDOE with local PD centers host spring workshops connecting standards to curriculum
Summer 2006	NHDOE and local PD centers conduct ICT Summer Institute. Six institute teams create **case studies** and sample portfolios.

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Winter 2006-07	Online PD course developed for OPEN NH initiative (Engaging K12 Students with Digital Portfolios)
Spring 2007	Portfolio study conducted re: student engagement and achievement
Summer 2007	Portfolio course piloted by OPEN NH
Fall 2007	Ed tech grants support year-long series of digital **portfolio PD sessions** for school teams
Winter/Spring 2008	Digital portfolio PD offerings continue. Portfolio course offered again by OPEN NH.
February 2008	**Annual school tech survey** provides data on progress with ICT and portfolio assessment
Summer 2008	Begin to identify model projects and accompanying rubrics to use for common assessment tools statewide

Visit our ICT Literacy Toolkit at
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