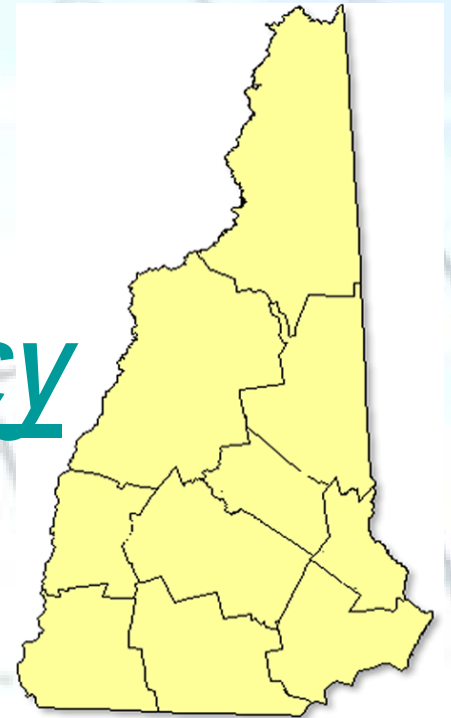# New Hampshire K-12 Schools: Engaging and Assessing Students with Digital Portfolios

www.nheon.org/ictliteracy

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July 1, 2005

- New state standards take effect
  - Integrate ICT with core content areas
  - Based on national standards (NETS-S, Info Literacy, ITEA, 21st Century Skills)

- Standards include digital portfolio requirement
  - 8th grade assessment with rubrics to help meet federal goal of 8th grade tech literacy

ICT Literacy Programs

K-8	• Portfolios support instruction (formative) • ICT connected to disciplines
8th grade	• Portfolio supports 8th grade summative assessment to determine ICT competency • Schools make local decisions about assessment rubrics, platforms, etc.
9-12	• Portfolios support instruction • **Optional** assessment if used to satisfy ½ credit proficiency for HS graduation

Timeline

- **2007-08** – Federal ed tech grants support several digital portfolio professional development sessions across state
- **2008-09** – Federal ed tech grants support statewide team to develop and recommend 8th grade assessment rubrics tied to NETS-S
- **2009-2010** – *Are we there yet?* ☺

Why assess with portfolios?

- **No more tests, please!**
- Avoid separating ICT from content
- Promote 21st century learning
- Student engagement and empowerment

ICT Literacy
Toolkit

Introduction

1. Standards

2. Research

3. Case Studies

4. ePortfolio Support

5. Presentations

6. More Resources

Introduction

WELCOME TO THE ICT LITERACY TOOLKIT!

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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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South Meadow School Portfolio

- Process started in 5th grade & built upon thru 8th grade.

- All subject areas integrated; responsibilities delegated to grade levels and teachers. (next slide)

- Technology-infused curricular units scheduled as needed - several days in a row rather than regular schedule.

- Use iWeb as student portfolio collector until district adopts portfolio management tool.

- 1st year focus = creating artifacts & collecting using iWeb

- 2nd year focus = adding reflections

- 3rd year focus = adding teacher and student assessment

SMS Portfolio (2)

Appendix 4 – Matrix of application coverage by grade level

Topics	5th	6th	7th	8th
Word Processing (Research Paper) and Internet Research (connected to Research)			I	R
Word Processing (Brochure/Newsletter)		I	R (C & F)	
WP – other	I			
Keyboarding	I	R		
Drawing	I Appleworks		I CAD (IAT)	
Database		I	R	
Spreadsheet	I			R
Multimedia (Presentation)		I	R	

SMS Portfolio (3)

placeholder for student's work

Cover page where we meet the person before we meet the student

SMS Portfolio (4)

Portfolio is hosted and managed on a blog page. This is part of the listing of the 6 artifacts selected by Danielle to represent her technology learning.

placeholder for student's work

SMS Portfolio (5)

placeholder for student's work

Each blog entry consists of a representative image, a reflection, and links to the artifact itself and assessments.

SMS Portfolio (6)

The artifact
is saved as
PDF, JPG,
MOV, or
HTML file.
(In this case
JPG)

placeholder for student's work

SMS Portfolio (7)

6th Grade Page Layout

Student: Danielle Boutwell Team: Wilder Date: 2/6/06
Topic of Brochure: Seed Packets

Indicator	On Target (3)	Close (2)	Falling Short (1)	Missed (0)
Draft plan for seed packet on time	Deadline met	Draft late		Draft very late or
Appropriate images collected for illustrations	Image well chosen and appropriate for the information	Image appropriate for the information		
Sections of information covered as assigned	All sections present and quality of information high	Most sections present and quality of information satisfactory	Some presen quality inform	
Template provided used and directions followed	Directions followed exactly	Help needed to follow directions	Use of did no follow	
Text boxes used to add information	Text boxes used and dimensions precise	Text boxes used but dimensions not precise		Text boxes not used
Text formatted for size, style, font and color	Text formatted so that reading and organization is user-friendly	Text formatting used but not user-friendly due to inconsistencies,	Text formatted in random fashion – no attempt to make the text	No text formatting

Part of the self-assessment rubric

(This year, combined with teacher assessment)

Deerfield Community School Portfolio

- 2005 - Study committee of NETS standards and 2005 state standards. Consulted with 7-8 grade students and all staff.

- 2006 – All staff participates in submission of 1 piece of work per student

  - Initially used Excel for item submission into drop box

  - Four staff training events throughout the year

DCS Portfolio

Submissions demonstrate integrated use of technology in content areas and at home.

		Math	Science	Social Studies	World Language	Integrated arts/ Magnet/ after school activities	Optional - At Home or non-school activities
				Cognitive Proficiency			
				7stockKL			
21st Century Tools	Multimedia – combining three or more media sources					7ww2p laneJF	
	Desktop publishing		7man ateeE KP				
	Digital Communication tools						
	Internet research					7ww2p laneJF	
Techn ical found	Proficiency in use of hardware, file and network operations;trouble shooting,			7stockKL			
	Proficiency in use of technology devices (such as, Mn? digital cameras, audio						

DCS Portfolio

1. Deerfield Community School Student Portfolio Submi...

The Deerfield School District Portfolio Project addresses the New Hampsh... relied heavily on *The Deerfield Community School Technology Integratio...* Teachers of English, NCTE Definition of 21st-Century Literacies. More in...

Please note this form is created for the documentation of portfolio work... Narrative space is limited to 200 characters. It has been included but d...

As part of the submission you must submit piece of work in the student... the work.

- 2007 – All staff participate in submission of 2 pieces of work per student. Student submissions of work in grades 6-8.
- Added criteria to matrix including student and staff reflection and moved to Survey Monkey for item submission into drop box

1. Student Name Please note student name is the year of graduation followed by current grade level, student first initial and last name.

Please enter student user name used to log on to the school network if it is not listed above. I need help with the student username because it is not on this list.

I need help with the student username because it is not on this list. " />

2. Please type the name of the document as it is filed in the student portfolio file. Use the following format *grade brief activity name initials of person submitting* Example: 6egyptVL

I need help with naming and saving the work.

DCS Portfolio: Ownership scale

Recognizing that students are empowered to take different levels of control in a given assignment, indicate engagement in this assignment.

1	Assignment/project designed and implemented by teacher. Student has no choice in topic or output.
2	Student chooses from list of teacher generated topics or options
3	Student innovates on topics presents an acceptable alternative .
4	Student independently generates content which may or may not be related to area of study and effectively integrates technology to engage others.

Learning	English LA	Math	Science	Social Studies	World Lang	Int Arts	Multi Discp	Service	ELO	Co-Curricular	Year in Review
PreK											
K											
Grade 1											
Grade 2											
Grade 3											
Grade 4											
Grade 5											
Grade 6											
Grade 7											
Grade 8											
Grade 9											
Grade 10											
Grade 11											
Grade 12											

Legend

- Ready
- Pending
- Compl
- Locked

DCS/SAU53 Portfolio: Scalability

2008 – Integrated new NETS Standards and transitioned to SAKAI for storage and submission.

- Piloting at five middle schools

- Three to four teacher leaders in each school

- Support offered one day a month at each school

- Submission, Reflection, feedback will be entered in each cell

- Cells can be entered as Ready, Pending Feedback, Complete and Locked

Boston University ePortfolio Forum   9/26/08

DCS Portfolio: Output

Subjects: **English LA** | **Math** | **Science** | **Social Studies** | **World Lang** | **Int Arts** | **Multi Discp** | **Service** | **ELO** | **Co-Curricular** | **Year in Review**

"will": EPortfolio
Grade 4 Social Studies

Circle of Learning

Grade Level: Grade 4; Core Subject Areas: Social Studies

Grade Levels

PreK
K
Grade 1
Grade 2
Grade 3
Grade 4
Grade 5
Grade 6

• Submissions will automatically populate in a standard portfolio that can be navigated by subject or grade level.

• Student will also be able to design their own portfolio choosing items to illustrate specific growth to a specific audience.

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