# Learning How to Assess Learning Portfolios

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## Abstract

When institutions switch from a program assessment system to individual learning portfolios, students spend more time reflecting upon, personalizing, and documenting their work. During such a transition, assessment design becomes more challenging. Alignment of artifacts to program standards is essential to ensure continuity of learning and program documentation. We describe a transition from a sterile electronic portfolio system to a learner centered, reflective blogging portfolio (bPortfolio) using free WordPress.com accounts. Session attendees will receive access to examples of portfolio entries, assessment rubrics, and strategies for using four types.

## Purposes in 2006

- Have students demonstrate individual competency on program standards.
- Provide accreditation evidence to NCATE and State.
- Help students reflect on knowledge and skills learned during the program.
- Help students prepare and organize examples of their professional work.
- Help students prepare evidence of their certification or degree.
- Help students develop a showcase portfolio.

# ePortfolio History

## Why a vendor-based system?

- Comfort of lock-step system when beginning unfamiliar process.
- Immediate implementation

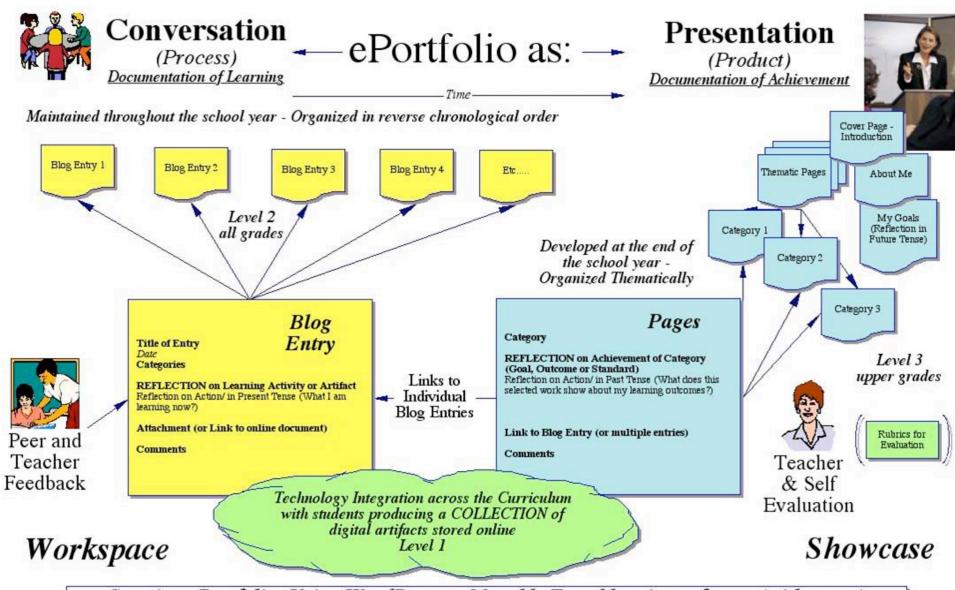
### Benefits

- Alignment between standards and courses (assignments)
- Efficient aggregation of data

## Challenges

- Top-down decision
- Faculty buy-in (ownership)
- Student resistance (cost and purpose)
- o Fails to show student development and deep learning
- Standards became Silos
- Faculty follow through with assessments
- Technical Problems

- Why change eportfolio systems?
  - Faculty Initiated
  - Low Cost options
  - Student ownership
  - Takes advantage of other technologies
  - Double loop learning
  - Move from Program-centered to Learner-centered process
  - Utilize Web 2.0 technologies



Creating ePortfolios Using WordPress or Movable Type blogging software (with pages) ©2009, Helen C. Barrett, Ph.D.

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bPortfolio - blogging portfolio

## Why WordPress?

Reflection

• Metacognition

Chronologically organized

• View development over time

Popular tool

• Easy to use, Double loop learning

**Tagging** 

• User-generated taxonomy aids reflection

Data mashup

• Text, videos, images integrated into one tool

Communication

• Commenting, peer assessment, RSS feeds

Integrated Standards

• Facilitates integration across courses

# Metacognition

Summary: During the EDU 6524 Curriculum Design course, I examined common instructional planning models, the role of state standards, planning that engages all learners, and aligning goals, teaching, and student learning. As a culminating project, I used what I learned to refine and improve an existing science inquiry unit I had in the shape of an Understanding by Design (UbD) unit for upper-elementary students (attached below). This unit demonstrates my knowledge of standard 1. It was designed to be age-appropriate, accessible and engaging for diverse learners, and carefully align with specific Washington State science standards for grades 3-5. The standards, activities, and assessments are all linked. The enduring understandings and essential questions ensure that all students grasp the underlying big ideas of the unit's content and skills. Examples from this unit include:

Enduring understanding: Students will understand how to design and conduct simple investigations.

Essential question: How do scientists prove things?

Scientific Inquiry for Upper-Elementary Students, an Understanding by Design (UbD) unit.

Books read for the course:

Parkey, F. W., Hass, G., & Anctil, E. J. (2010). Curriculum leadership (9th edition). Boston: Allyn & Bacon.

Wiggins, G., & McTighe, J. (2005). *Understanding by design* (2nd edition). Alexandria, VA: Association for Supervision and Curriculum Development.

## What Knowledge is of Most Worth?: What I Learned

I learned that 1859 was a very important year for education. In fact, so many events occurred that year that hugely influenced education, it makes you wonder if there was some sort of cosmic connection.

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I had previously learned about the educational philosophies of educators like John Dewey, Horace Mann, and Rousseau as well as the teachings of leaders like Darwin, Martin Luther King, and Whitman. This lecture was interesting in that it helped me connect the dots about how each of these people had both an individual and combined effect on modern education. It makes you wonder how education today would be different if one of these puzzle pieces had never been added into the equation.

I really enjoyed Spencer's belief that, "the methods of learning should be active, based on discovery and that students should be told as little as possible'. The ending part about telling as little as possible made me giggle because it seems so opposite to the way many educators teach. But I love it. Telling things all day would get mighty boring for me as a teacher. I'd much rather have my students tell me things. (Did you know a polar bear covers its nose when its hunting so it will blend into the snow better?)

I also learned that high school used to be much harder when only 10% of teenagers went to school. When more students started attending, the standards were lowered. I'm missing the connection there. I'm not sure that lowering the standards is ever the right solution. It seems that the same thing is being done in standardized testing, and that certainly isn't helping education at all.

Ellis, A. K., "What Knowledge is of Most Worth?." [lecture]. Retrieved from: Blackboard

Comments : Leave a Comment »

Tags: EDU 6120, Phillosophies, Student Centered

Categories: L 1 - Learner Centered, P 1 - Informed by Professional Responsibilities and Policies, P 2 -

Enhanced by a Reflective, Collaborative, Professional Growth-Centered Practice

#### **Essentialist Education: Clear and Unclear**

In my Education Foundations class, I recently learned about the Essentialist philosophy of education. Considering that it is, "the dominant philosophy in American education today", I'm glad I learned about it. In fact, I'm curious why I didn't already know about it. I thought Progressivism was the up and coming educational philosophy; but I guess it's old news.

25 05 2010

There were a lot more ideas about Essentialism that were unclear to me. According to the lecture, Essentialism was a reaction to the perceived pitfalls of Progressivism.

#### Standard 3 Meta-Reflection: Curriculum

May 8, 2010 at 8:31 pm (Standard 3. Curriculum) (high standards, curriculum, learning)

Standard 3: Curriculum: Provides knowledge and skills that bring academic subjects to life and are aligned with state content standards.

My blogs and my curriculum project both show that I can design and monitor plans for students' academic success. Blogs have helped me to be reflective about my own learning and have reminded me to be purposeful about giving students time to be reflective about their learning and progress toward high standards.

My curriculum project was a detailed curriculum plan for my Introduction to Psychology Unit in my AP Psychology class. This project blended my personal philosophy of curriculum and the planning and implementation of curriculum designed to improve student learning for a specific unit. I taught this unit this year and it went really well. Students performed well on their summative assessment and were very engaged in the content.

Blogs from Curriculum Class

Curriculum Project Intro to Psych

Permalink Leave a Comment

#### Standard 1 Meta-Reflection: Instructional Planning

May 8, 2010 at 8:12 pm (Standard 1. Instructional Planning) (curriculum, learning, reflection)

Standard 1: Instructional planning: Designs and monitors long and show term plans for students' academic success.

I created both of these artifacts as part of the curriculum for EDU 6524: Curriculum Lesign. For the curriculum design project I showed that I have the knowledge and skills to bring academic subjects to life and align them to content standards.

The blogs from this course are representative of other blogs I have written and are reflective writings in which I responded to course topics, lectures, discussions, readings, etc. The blogs allowed me to interact personally with the subject matter. Personal connections and interactions with a new subject is a great way to learn. I have taken this

#### **Pages**

About Erin

#### Blogroll

- WordPress.com
- WordPress.org

#### Tags

assessment authentic
learning best
practices

community involvement

competency curriculum data driven

decisions development digital

6536 EDU

6600 effective schools effective use

empower students

ethical exceptional students high standards inquiry

instruction internet safety

knowledge construction learning

learning environment multicultural

planning brofessiona developmer

#### Monica Reed said,

January 25, 2010 @ 2:39 am

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Yes, I love that our school has such a nice computer lab! I'm also thrilled that the programs we use on the computers reinforce so strongly the concepts that students have been learning in class. I do know, though, that not every school has the advantages we have. After we leave this school and get jobs elsewhere next fall, it will be interesting to see what kind of technology resources will be available to us. From the looks of this post, it looks like you're doing a wonderful job helping your kids further their understanding with the use of computer programs. Keep up the good work!

#### Reply

#### Debby Espinor said,

January 25, 2010 @ 7:23 pm

2

Good start on your pageflakes site. I appreciate your desire for your students to have access to technology. That is where grant writing and some of the online teacher funding sites work.....would it not be wonderful for each of your students to have the new upcoming mac tablet? Great job on your mid term as well. You are a natural.

#### Reply

#### crhoden said,

January 28, 2010 @ 4:00 am

3

Sounds great Erin! You seem to be very passionate about your students getting equal opportunity to use technology or whatever may be the most effective methods in education and that is a good thing. I do hope that you have the opportunity to see young people blessed with these technology resources sometime in the near future. Thanks for your post.

# Data Mashup

### Technology

Standard 10 Technology: Integrates current technology into instruction and professional communication/collaboration activities where appropriate.





Technology has always provided a steep learning curve for us educators. The quest to stay on top of emerging technology, especially as it relates to education, feels like a marathon with no finish line. For those of us who know the commitment and passion that is involved in marathon running, the idea of a

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#### Collaboration As a Teacher's Calling

January 25, 2010 by hannahjoy06

When I was in high school I used to HATE doing group projects. I hated having to trust others in my group to do a project as well as I wanted them to, I hated leaving my grade in the hands of others, and I hated having to go at others' pace. So, it is funny that I am now an educator who sees complete value in the idea of collaboration. Out of all of the aspects of ISTE Standard 1, Standard 1c stood out to me the most by stating that the "Teacher promotes student reflection using collaborative tools to reveal and clarify students' conceptual understanding and thinking, planning, and creative processes."

I sat back and thought, "How do I effectively use collaboration in my Kindergarten classroom?" This seemed to take me a bit to think about, but then I realized that collaboration is a major part of my Kindergarten classroom already. I appreciated Charles Crook's argument for collaboration in early ages and grades very much. One of the things he mentioned was that, "Young children's interest in establishing mutual knowledge seems very strong (Crook 1998)." I have definitely found this to be true and definitely can see this as a major proponent for collaboration at young ages. By using programs such as Wordle, Inspiration, Kidspiration, and other collaborative programs, I am teaching my students how to collaborate with each other with respect, helping my students establish the mutual knowledge and ideas that they so desire, and preparing them for a world filled with group projects. Hopefully this will help them in their coming days of group projects so that they can have the collaborative skills to succeed in making these projects effective and worthwhile.

In thinking about collaboration, I also wanted an easy way to collaborate with the parents of my classroom, so I created a PageFlake page to help with this. On my page, I was able to post messages, due dates, and other important pieces of information. People these days are not generally patient, so I felt it was essential to make it all on one page so that my parents of my class had the most chance to check the needed dates and pieces of information. Hopefully this will help to keep the collaboration and communication lines open between us.

http://teacher.pageflakes.com/anderhan/28826214

\*The quote I referenced in this reflection was from the following article:

Crook, C. (1998). Children as computer users: the case of collaborative learning. *Computers & Education*, 30(3-4), 237 – 247.

Posted in Standard 10: Technology, Standard 7: Collaboration | Tagged collaboration, EDTC6433 | 1 Comment

#### CATEGORIES

Standard 10: Technology

Standard 11:

Inquiry/Research

Standard 12: Professional

Citizenship

Standard 1: Instructional

Planning

Standard 2: Learning

Environment

Standard 4: Pedagogy

Standard 5: Assessment

Standard 6: Communication

Standard 7: Collaboration

Uncategorized

#### PAGES

About Me

About My Portfolio

#### TAGS

anticipation aspirations

bridging the gap citizenship

collaboration concepts

#### constructivis

core knowledge Critical

thinking

curriculum EDTC

6433 EDTC6433

**EDTC6536** 

etiquette history

inductive teaching innovation instructional practices integration

knowledge laws

morality motivation

new knowledge

## Five Steps to Create a bPortfolio in WordPress

Create an account

Select Theme, Widgets, & Categories

Enter your first post (reflection)

Create your "About" pages

Share your portfolio

#### **David Wicks: Educational Technology**

Reflections on teaching, learning, and technology

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About

Presentations

Workshops

Type text to search here..



#### **bPortfolios for Residency Certification Students**





Part 1 – bPortfolio Overview and Example – This screencast introduces Seattle Pacific University Residency Certification students to the bPortfolio or blogging portfolio they will create during their program. (4:05) full screen

Part 2 – bPortfolio Process: Helen Barrett Diagram – This screencast introduces Seattle Pacific University Residency Certification students to Helen Barrett's ePortfolio Model for Higher Education and how it is being used in their program. (7:28) full screen

Part 3 – bPortfolio: 5 Steps to Create a bPortfolio in WordPress – This screencast describes the five steps Seattle Pacific University Residency Certification students will take set up their bPortfolios in WordPress. The five steps are:

- Create an account
- Select Theme, Widgets, & Categories
- Enter your first post (reflection)
- Create your About pages
- · Share your portfolio

#### (2:29) full screen

Part 4 – bPortfolio: Step 1 Create a WordPress Account – This screencast shows Seattle Pacific University Residency Certification students how to set up a WordPress account. (4:54) full screen

Part 5 – bPortfolio: Step 2 Selecting Theme, Widgets, and Categories – This screencast shows Seattle Pacific University Residency Certification students how to select a WordPress Theme for their bPortfolios. (11:18) full screen

Part 6 – bPortfolio: Step 3 Entering Your First Post (Reflection) – This screencast shows Seattle Pacific University Residency Certification students how to make a first post in their bPortfolio. (16:56) full screen



RSS feed



David & Michelle at the Space Needle

Search

#### **Pages**

- About
- Presentations
  - Sloan-C Emerging Tech Presentation 2009
  - Twittering & Education Symposium
  - Twittering at an Academic Conference
- Workshops

## Four Types of Assessment

Self-Assessment Peer-Assessment

Instructor-Assessment Program-Assessment

## Self-Assessment

Timely Post	I published a blog post for the module within the date parameters listed in the course schedule.	1 point
Reference/Citation	I made reference to an assigned reading in my blog post using APA citation criteria.	1 point
Spelling/Grammar	I verified that my blog post has correct spelling, punctuation, and grammar.	1 point
Relates to Instruction	I reflected on how the module topic relates to my current or future instructional practices.	1 point
Demonstrate Understanding	I demonstrated my understanding of the main concepts by including commentary on educational implications, issues, and ideas brought up in the reading.	1 point
Organization	I organized my thoughts in a manner that is concise and easy for others to follow.	1 point
Artifact	I included an artifact related to the topic of my blog post. Possible artifacts include: documents, images, web links, video clips, and audio files.	1 point
Heading	I included a meaningful heading that will help others know which module I am reflecting on and the topic.	1 point
Tags, Categories, & Standards	I tagged my post with at least two meaningful key words <b>AND</b> I tagged my post with the course tag EDU6120 <b>AND</b> I categorized my post with one or more program standards.	1 point
Interaction	I read my group members' blog posts for this module and wrote a thoughtful comment on at least one person's blog post. (You will be assigned a group during the first week. You aren't responsible for reading blog posts made after the due date.)	1 point

## Self-Assessment

Standard #1	Instructional Planning: Designs and monitors long and short-term plans for students' academic success.	
Course	EDU 6524 Curriculum Design	
Criterion 1	Instructional Goals: Integration of instructional goals and content outcomes.	
Level 1	Not attempted = 0	
Level 2	Insufficient = 1 The artifact provides limited evidence of instructional goals or the progression of steps to successfully attain them. As a result, students would work on the assignments with limited knowledge of the related learning targets or the progression of steps to successfully reach them.	
Level 3	Proficient = 2 The artifact demonstrates a logical relationship between the instructional goals and the progression of steps to reach them. As a result, students could demonstrate an understanding of the required learning targets and the expectations to reach them.	
Level 4	Exemplary = 3  The artifact clearly specifies the instructional goals, the progression of steps to reach them, and the relationship between the two. As a result, students could articulate the learning process to reach the learning targets and could apply that process independently to expand their depth of knowledge beyond the scope of the required curriculum or assignments.	
Criterion 2	Lesson Sequence: Short-term plans are connected to a long-term goal.	
Level 1	Not attempted = 0	
Level 2	Insufficient = 1 The artifact provides limited evidence of sequence or progression between lessons. As a result, students could have little awareness of when they have acquired new knowledge and skills.	
Level 3	Proficient = 2 The artifact demonstrates appropriate sequence or progression among the lessons such that the full scope of the required content and complete learning tasks will be presented. As a result, students could acknowledge accomplishment of learning targets and would be aware of what is needed to move to the next level of performance.	
Level 4	Exemplary = 3 The artifact demonstrates sequence or progression among the lessons such that students can pursue independent learning. As a result, students could articulate the completion of a level of performance and independently access the learning tasks they need to move to the next level.	

## Instructor Assessment

#### WEEKLY REFLECTIONS



Dear Friends.

I want to go over a few thoughts about your weekly reflections. Here they are:

- 1. The rubric for posting your reflections is found in "Course Information."
- 2. The rubric contains five aspects, each worth two points for a total of 10 points.
- 3. The key points are "insight," "essence," "connections," "questions," and "documentation." You can read about them in the rubric.
- 4. Each week the deadline for posting is Wednesday at 12:00 midnight. Late posts are accepted, but they are penalized 5 points.

I look forward to your reflective posts each week.

Thanks,

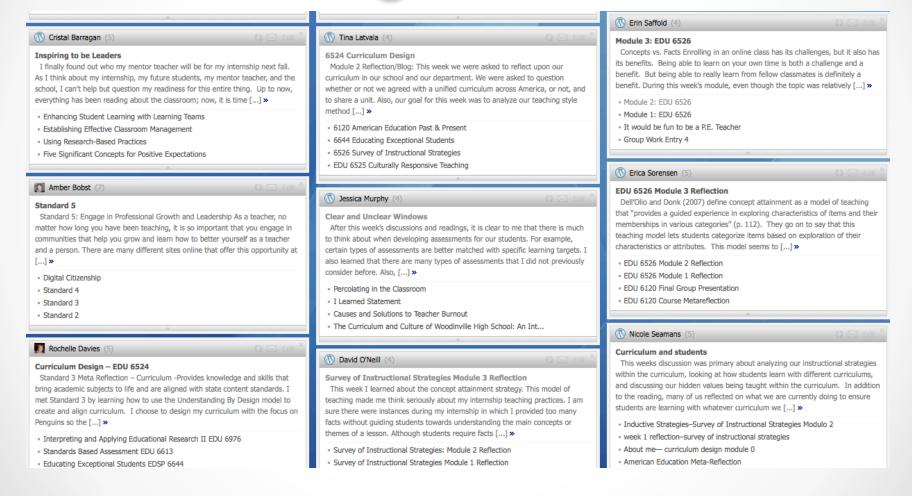
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http://tinyurl.com/2et246p

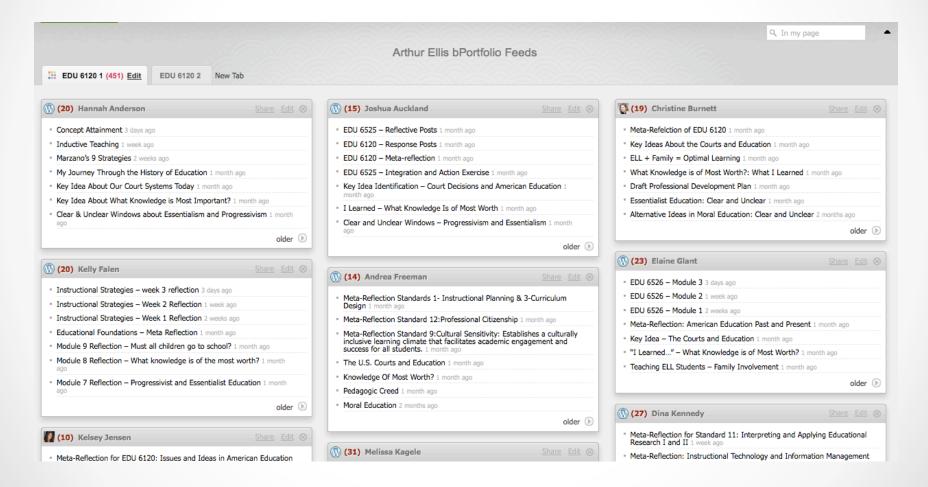
## Instructor Assessment Tools

- Pageflakes http://teacher.pageflakes.com
- Netvibes <a href="http://netvibes.com">http://netvibes.com</a>
- Google Reader http://reader.google.com
- Reeder (iPhone/iPad) http://reederapp.com/

# Pageflakes

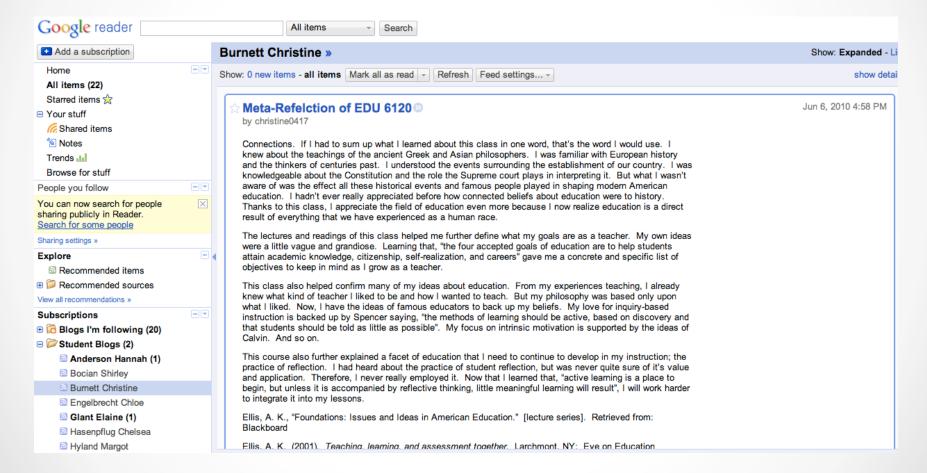


## netvibes

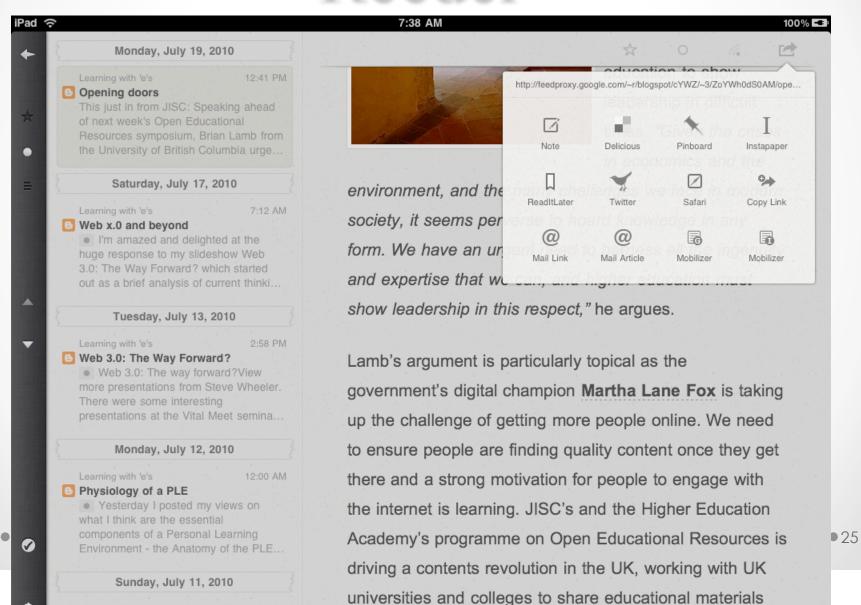


**2**3

# Google Reader



## Reeder



4:27 AM

C

## Why Blackboard for Assessment?

Self-Assessment

• Reflection and Faculty Checks

Developmental

• Assessments are open and can be changed over time

Familiar tool

• Familiarity with LMS

Centralized

Central data collection tool

Communication

• Commenting, Feedback





My SPU

Courses

Announcements C&I Program Standards

How to Make an ePortfolio

Assessment Rubrics

Discussion Board My Assessment

Online Learning Help

#### Tools

Results

- Communication
- Course Map



Refresh

Detail View

CURRICULUM AND INSTRUCTION EPORTFOLIO (GROUP3000) > ANNOUNCEMENTS



#### **Announcements**

VIEW TODAY

VIEW LAST 7 DAYS

VIEW LAST 30 DAYS

VIEW ALL

April 07, 2009 - April 14, 2009

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Thu, Mar 05, 2009 -- C&I Program Portfolio

Posted by: Andrew Lumpe

SPU's School of Education is fully accredited by the following agencies:

- Washington Professional Educator Standards Board (<a href="http://www.pesb.wa.gov/">http://www.pesb.wa.gov/</a>)
- National Council for the Accreditation of Teacher Education (<a href="http://www.ncate.org/">http://www.ncate.org/</a>)
- Northwest Commission on Colleges and Universities (http://www.nwccu.org/)

Like all accredited universities, SPU requires that students document their learning during their degree program using a portfolio. As determined by the faculty and approved by the accrediting agencies, the Curriculum and Instruction program has 12 standards related to effective teaching and learning. Each program standard is aligned with a required course.

During the C&I Orientation course, you will learn about the standards and create an initial ePortfolio. As you complete courses during the program, you will submit artifacts in your ePortfolio and self-assess each submission using the rubrics in this Blackboard course. You may modify your ePortfolio and self-assessments as much as you like during your program. Faculty will periodically review your submissions, provide feedback, modify assessments if needed, and conduct full review at the end of your program.

If you have any questions, please contact the chair of the C&I Program, Dr. Lumpe at lumpea@spu.edu.



Blackboard Academic Suite™

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Accessibility information can be found at <a href="http://access.blackboard.com">http://access.blackboard.com</a>.

**C&I Program Standards and Course Alignment** 

Program Standard	Course	
Standard 1 Instructional Planning: Designs and monitors	EDU 6524 Curriculum Design	
long and short-term plans for students' academic success.		
Standard 2 Learning Environment: Creates and maintains	EDU 6655 Human Development and Principles	
school-wide and classroom environments that are safe,	of Learning	
stable, and empowering.		
Standard 3 Curriculum: Provides knowledge and skills that	EDU 6524 Curriculum Design	
bring academic subjects to life and are aligned with state		
content standards.		
Standard 4 Pedagogy: Engages students in learning	EDU 6526 Survey of Instructional Strategies	
experiences that are meaningful, stimulating, and		
empirically proven to promote intellectual growth.		
Standard 5 Assessment: Assesses students' mastery of	EDU 6613 Standards-based Assessment	
curriculum and modifies instruction to maximize learning.		
Standard 6 Communication: Communicates regularly and	EDU 6600 Communication and Collaboration:	
effectively with colleagues, parents, and students through a	Parents, Colleagues, and Community	
variety of mediums.		
Standard 7 Collaboration: Cooperates with other	EDU 6600 Communication and Collaboration:	
professionals to bridge gaps between schools and	Parents, Colleagues, and Community	
community and between departments/disciplines within		
schools.		
Standard 8 Exceptionality: Addresses the unique learning	EDSP 6644 Educating Exceptional Students	
and behavioral needs of all children, collaborating with		
other educators and professionals where necessary.		
Standard 9 Cultural Sensitivity: Establishes a culturally	EDU 6525 Culturally Responsive Teaching	
inclusive learning climate that facilitates academic		
engagement and success for all students.		
Standard 10 Technology: Integrates current technology into	Any 6000 level EDTC course	
instruction and professional communication/collaboration		
activities where appropriate.		
Standard 11 Inquiry/Research: Competently consumes and	EDU 6976 Interpreting and Applying	
produces where necessary empirical data to guide	Educational Research I	
educational practice.		
	EDU 6975 Interpreting and Applying	
	Educational Research II	
Standard 12 Professional citizenship: Willingly engages in	EDU 6120 American Education Past and	
dialogue that transcends the individual classroom, taking	Present	
informed, coherent positions on important matters of		

Announcements C&I Program Standards

How to Make an ePortfolio

Assessment Rubrics

Discussion Board My Assessment

Results

Online Learning Help

#### Tools

Communication



Course Map



(2) Refresh

(A) Detail View

CURRICULUM AND INSTRUCTION EPORTFOLIO (GROUP3000) > ASSESSMENT RUBRICS



#### **Assessment Rubrics**



#### Standard 1

Standard 1 Instructional Planning: Designs and monitors long and short-term plans for students' academic success.

Relevant Course: EDU 6524 Curriculum Design



#### Standard 2

Standard 2 Learning Environment: Creates and maintains school-wide and classroom environments that are safe, stable, and empowering.

Relevant Course: EDU 6655 Human Development and Principles of Learning



#### Standard 3

Standard 3 Curriculum: Provides knowledge and skills that bring academic subjects to life and are aligned with state content standards.

Relevant Course: EDU 6524 Curriculum Design



#### Standard 4

Standard 4 Pedagogy: Engages students in learning experiences that are meaningful, stimulating, and empirically proven to promote intellectual growth.

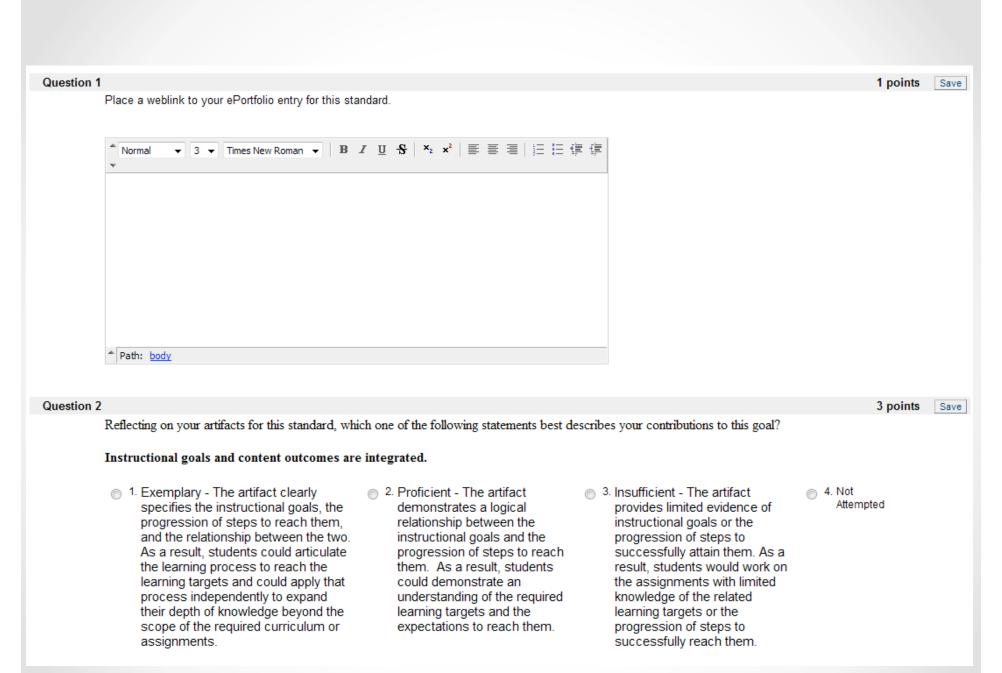
Relevant Course: EDU 6526 Survey of Instructional Strategies



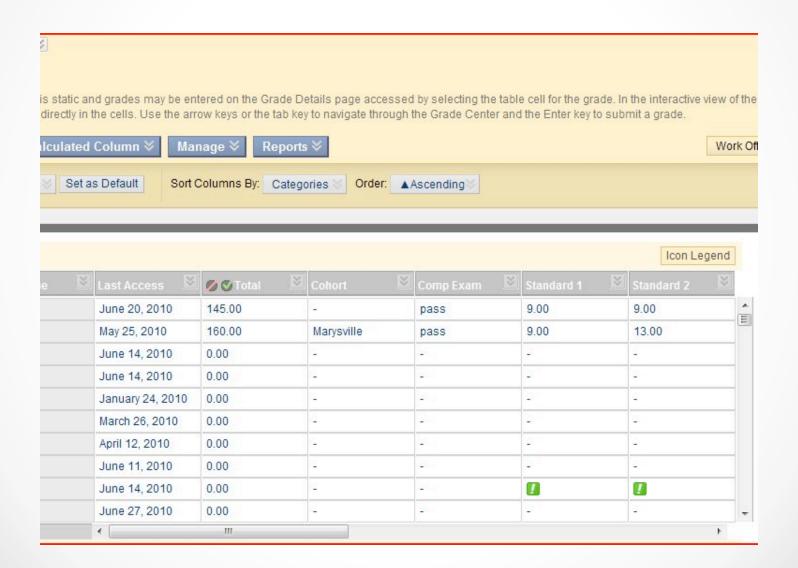
#### Standard 5

Standard 5 Assessment: Assesses students' mastery of curriculum and modifies instruction to maximize learning.

Relevant Course: EDU 6613 Standards-based Assessment



# Program Assessment



# Program Assessment

- Capstone portfolio assessment at the end of SPRING quarter:
- This assessment will have a summative focus and serve as final (capstone) documentation of performance on Standards STLP for certification.
- The following four expectations are in place at this checkpoint:
- The portfolio represents capstone achievement on all standards and, as such, all criteria are addressed;
- There will be a significant amount of internship-based evidence that comes from the student's classroom experiences and responsibilities, with less evidence deriving from the formal learning opportunities provided through SPU coursework;
- Assessment results of at least "competent" on all criteria will be needed to be recommended for certification.
- The portfolio is of such a quality that it could be used as a reference tool in the student's job-search efforts.

# Program Assessment

5	exemplary	Documentation suggests a level of knowledge and/or skill on the criterion to the extent that the student can serve as a model for others to emulate.
4	proficient	Documentation suggests a high degree of knowledge and/or skill to perform well on the criterion.
3	competent	Documentation suggests a sufficient knowledge and/or skill to perform well on the criterion.
2	progressing	Documentation suggests a developing knowledge and/or skill to perform well on the criterion.
1	improvement desired	Not enough documentation provided to suggest emerging knowledge and/or skill to perform well on the criterion.
0	not attempted	No documentation provided to support performance on the criterion.

## Summary

### Benefits

- Student satisfaction
- Double loop learning
- Level of Metacognition
- Reduced cost
- Instructor buy-in

## Challenges

- Instructor Training
- Digital citizenship/reputation
- Wordpress.com or MU
- Student training/support

# Comments or Questions?



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