The Digital Connection: Calming the Angst for Single Subject Content Standard 8b
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Imagine,

what if ...
Presentation **Overview**

- Provide contextual background of:
  - University
  - Program
- Share ideas.
- Ask Questions.
- Consider possibilities.
Presentation **Goal**

Understand how to connect small numbers of SS candidates to their content area community **AND** how the content area community can enrich candidates’ educational experiences in your program.
Background

National University

• Large, private, independent, non-profit.
• Distributed model.
• Instructional delivery.
• CalTPA model.
Background

**Programs**

1. M. Ed./Graduate Teacher Credentialing—
   - Multiple Subjects
   - Single Subjects
2. Credential only-Multiple Subjects
3. Credential only-Single Subjects
Background

All Programs-Credential Courses

• 4 Core courses.

• 5 Credential Specific Methods courses.
  – Pass TPA (1) SSP
  – Pass TPA (2) DI

• 2 Clinical Practice pathways.
  – Internship
  – Student Teaching (16-18 weeks)
Background

**Single Subjects Courses**

1. TED 623 *Language Development Methods*
2. TED 632-*Content Area Curriculum*
3. TED 633-*Content Area Instruction & Assessment*
4. TED 634-*Content Area Literacy*
5. TED 626-*Classroom Management*
Content Area Courses

Overall Structure

- G7-12 Content Area Feedback
- G7-12 Content Area Involvement
- Digital Content Area Peer Support
- Digital Content Area Investigation

Application in Content Area

Principles of XXX
Content Area Curriculum

Principles

- Backward Design
- Curricular Alignment
- Differentiation
- Standards-based Design
- LO-Learning Products
- Unit Design
- Learning Plans
- Learning Domains
Content Area Curriculum

Application in the Content Area

• Assignment Areas:
  – Learner Outcomes/Learning Products
  – Curricular Alignment
  – Differentiation
  – Unit Plan
  – Learning Plan
Content Area Curriculum

Assignment Specifics in Content Area

• G7-12 Content Area Feedback
  – Unit Plan: Two Content Area Educators Feedback

• G7-12 Content Area Involvement
  – Differentiation Plan: Co-Teaching

• G7-12 Digital Content Area Investigation
  – Resource File (i.e., CA profession, learning plan sites, blogs)

• G7-12 **Digital Content Area Involvement
  – Wiki, Cloud Computing, Blog Development, Chat Room
Content Area **Instruction & Assessment**

**Principles**

- Models of Instruction.
- Model Strategies.
- Differentiation-Instruction & Teacher Behavior.
- Assessment Types, Stages, Perspectives, Details.
- Differentiation- Assessment.
Content Area Instruction & Assessment

Application in the Content Area

• Assignment Areas:
  – Content Area instructional models.
  – Content Area instructional strategies.
  – Content Area standardized assessments.
  – CA grading schemes & summative learning products.
  – CA formative learning products & details.
  – CA resources
Content Area **Instruction & Assessment**

**Assignment Specifics in Content Area**

- **G7-12 Content Area Feedback**
  - Learning Plan: Content Area-Educators Feedback

- **G7-12 Content Area Involvement**
  - Learning Plan: Co-Teaching in Content Area

- **G7-12 Digital Content Area Investigation**
  - Resource File

- **G7-12 ** Digital Content Area Involvement**
  - Wiki, Cloud Computing, Blog Development, Chat Room
**Digital—Possibilities

- **Umm ...**
**Digital Strategies**

- Blogs
- Wikis
- Clouds
**Blogs**

**Definition**

- A Blog: (a contraction of the term "web log") is a type of website, usually maintained by an individual with regular entries of commentary. [http://en.wikipedia.org/wiki/Blogs](http://en.wikipedia.org/wiki/Blogs)
- Select a template to house the information.
- Post the information ... articles, comments.
- Information can be edited.
- Technical stuff??
- Software and accounts are free.
Blogs

To Others

The BLOG
Blogs

Types

- **Other** Created.
- **Program** Created.
Blogs

Other *Created* - Examples

Top 100 High School Teachers Who Blog

- Teaching History
- Teaching English
- Teaching Physical Education

(??? Google-Teaching xxxx blog)
Blogs

**Other Created - Benefits**

- **Content Area community:**
  - Recognition
  - Identification of resource people.

- **Content Area Resources:**
  - Teaching ideas (i.e. differentiation, assessing student learning)
  - Articles
  - Materials (visual, audio, kinesthetic)
Blogs

Other Created – Needs

• Provide clear directions to candidates about:
  – Criteria for ‘good’ sites.
  – Purpose for finding the sites.
Blogs

Program Created - Examples

- National University-Teaching History Blog.
- National University-Teaching Math Blog.
- National University-Teaching Health Blog.
- (Your university’s name here)-Teaching xxx Blog
Blogs

**Program Created** – Benefits

- Manage the content.
- Directly related to:
  - Program needs
  - Assignment
- Program tailored.
- PR.
Blogs

Program Created - Needs

• Identify a manager (i.e., NBCT, alumni, PDS partner)
• Find server space.
• Work with IT people.
Blogs

Challenges ??
Wikis

Definition

• Space and server software.
• Users freely create and edit Web page content.
• Can use any Web browser.
• Supports hyperlinks.
• Simple text syntax for creating new pages.
• Cross links between internal pages on the fly.
• Allows the organization and content editing.

Wikis

The Wiki
Wikis

Types

- Other Created.
- Program Created.
Wikis

Other Created Examples

• General
• Math-Middle School Wiki
• Teaching Literature
• Teaching Health
Wikis

Other *Created*- Benefits

- Allows candidates to create and edit any page in content area Web site.
- Encourages democratic learning.
- Organic.
- Engaging.
- Resource rich.
Wikis

Other Created Needs

• Provide clear directions to candidates about:
  – Criteria for ‘good’ sites.
  – Purpose for finding the sites.
Program Created - Examples

- National University-Teaching English Wiki.
- National University-Teaching History Wiki.
- National University-Teaching Art Wiki.
- (Your university’s name here)-Teaching xxx Wiki.
Wikis

Program Created – Benefits

• Manage the content.
• Directly related to:
  – Program needs
  – Assignment
• Program tailored.
• PR.
Wiki

Program Created - Needs

- Determine boundaries.
- Identify a manager (i.e., NBCT, alumni, PDS partner)
- Find server space.
- Work with IT people.
Wikis

Challenges?

And Resources for You:

• Creating Wiki Pages
• Wikis in Teaching
• Wikis in Teaching-Resources
Clouds

**Definition**

- Over the Internet (‘cloud’).
- Services, resources, software, and storage are provided by a third party. [en.wikipedia.org/wiki/Cloud_computing](en.wikipedia.org/wiki/Cloud_computing)
- Use of a Web services ... to perform the functions traditionally done with software installed on an individual computer. [ets.tlt.psu.edu/learningdesign/web20glossary](ets.tlt.psu.edu/learningdesign/web20glossary)
- Ability to access computing resources ... owned and operated by a third-party.
- Server is provided on a consolidated basis in ‘distance’ data center locations. ... [en.citizendium.org/wiki/Cloud_computing](en.citizendium.org/wiki/Cloud_computing)
Cloud Computing

- Google Docs
Cloud Computing

Popular Third-Party Providers

• Flickr
• Google Docs
• Jing (video screen capture service)
• Yahoo
Cloud Computing

Types

- **Professor** (program) created and managed.
- **Candidate**/Content Area.
Cloud Computing

Examples:
- Store
- Create/Revise
- Both

- Units.
- Learning Plans.
- Learning Products (assessment methods).
- Instructional Strategies.
- Resources.
Cloud Computing

**Benefits**

- Free.
- Ever-growing resource.
- Requires analysis and input/creating.
- Candidate oriented and owned.
Cloud Computing

Needs

• Explore and play with it.
• Assignment provides clear directions for analysis and creating.
• Allow continual access (viewing, inputting?)
Cloud Computing

Challenges

• NEW.
Today ... 

Think big, start small, go slow.