

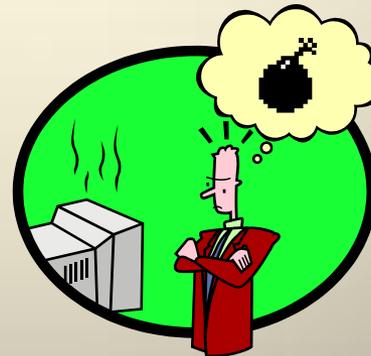
**The Digital Connection: Calming the Angst  
for Single Subject Content Standard 8b  
Webinar --March 2011**

**Nedra A. Crow, Ph.D.  
National University**

📢 **Imagine,**



**what if ...**



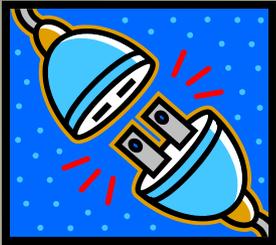
# Presentation Overview

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



**Recombobulation Area**

# Presentation Goal



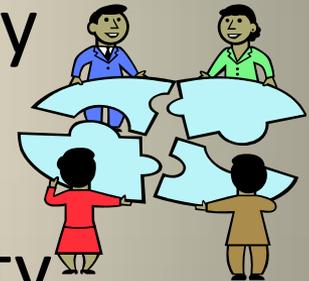
Understand how to connect  
small numbers of SS candidates  
to their content area community

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

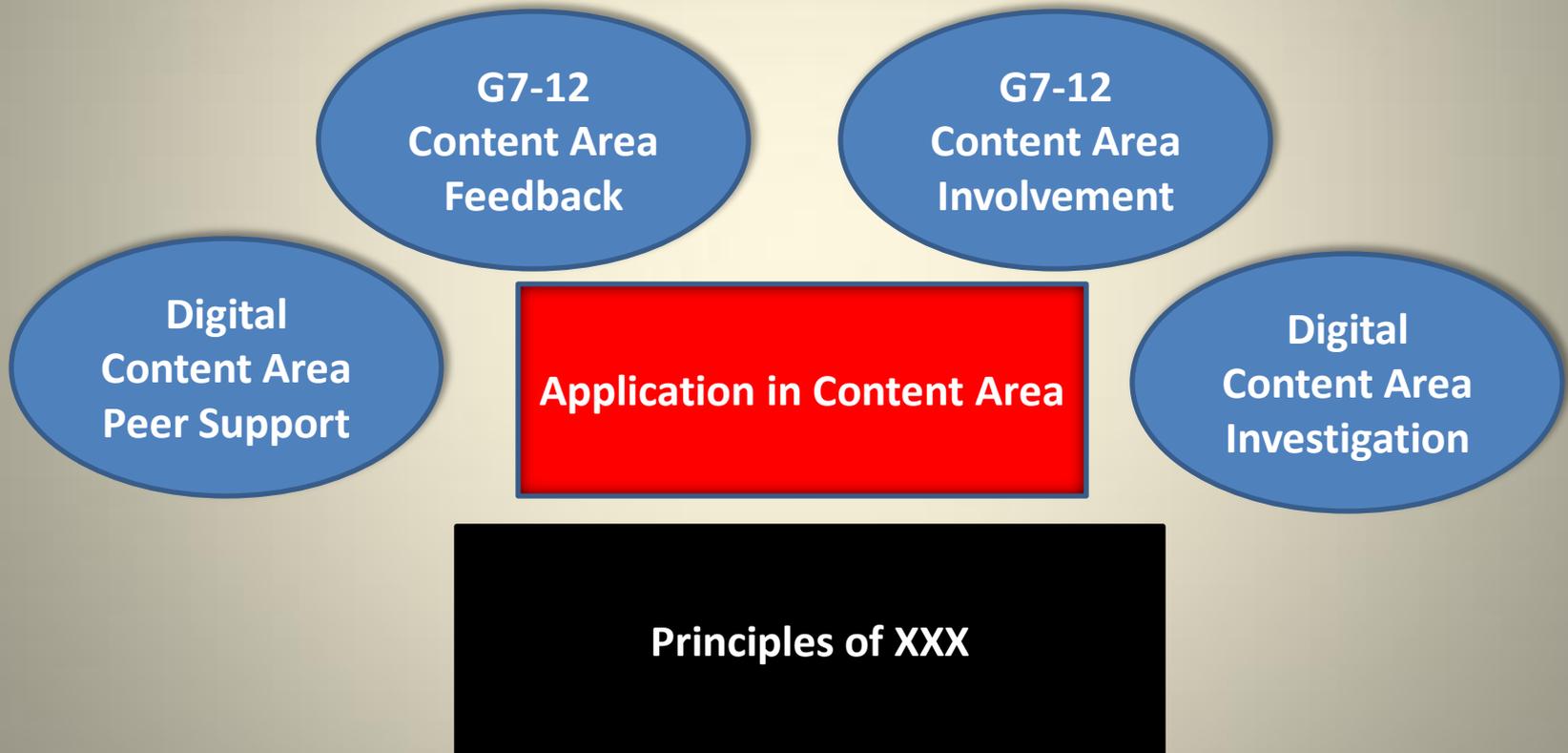
## Single Subjects Courses

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



# 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

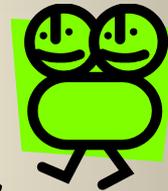
- **Assignment Areas:**
  - Learner Outcomes/Learning Products
  - Curricular Alignment
  - Differentiation
  - Unit Plan
  - Learning Plan



# Content Area Curriculum

## Assignment Specifics in Content Area

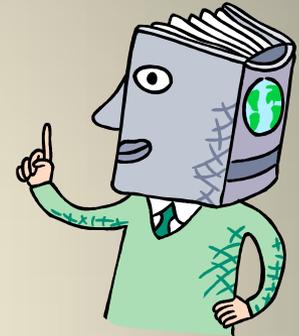
- G7-12 Content Area Feedback
  - **Unit Plan: Two Content Area Educators Feedback**
- G7-12 Content Area Involvement
  - **Differentiation Plan: Co-Teaching**
- G7-12 Digital Content Area Investigation
  - **Resource File** (i.e., CA profession, learning plan sites, blogs)
- G7-12 **\*\*Digital Content Area Involvement**
  - **Wiki, Cloud Computing, Blog Development, Chat Room**



# Content Area **Instruction & Assessment**

## Principles

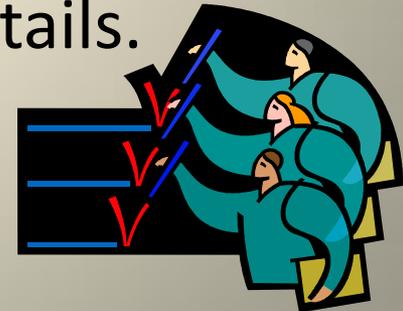
- Models of Instruction.
- Model Strategies.
- Differentiation-Instruction & Teacher Behavior.
- Assessment Types, Stages, Perspectives, Details.
- Differentiation- Assessment.



# Content Area **Instruction & Assessment**

## Application **in** the Content Area

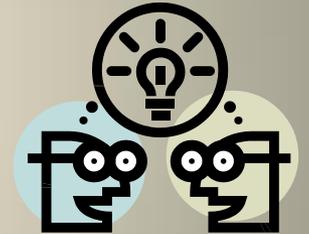
- ***Assignment*** Areas:
  - Content Area instructional models.
  - Content Area instructional strategies.
  - Content Area standardized assessments.
  - CA grading schemes & summative learning products.
  - CA formative learning products & details.
  - CA resources



# Content Area **Instruction & Assessment**

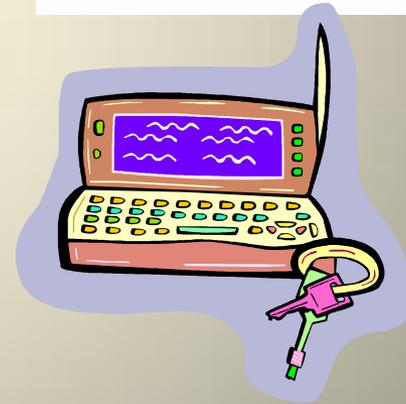
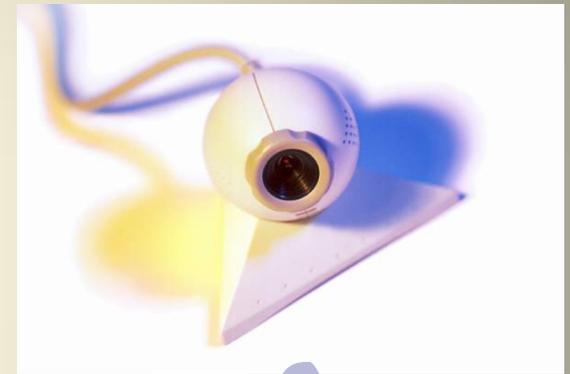
## Assignment Specifics **in** Content Area

- 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





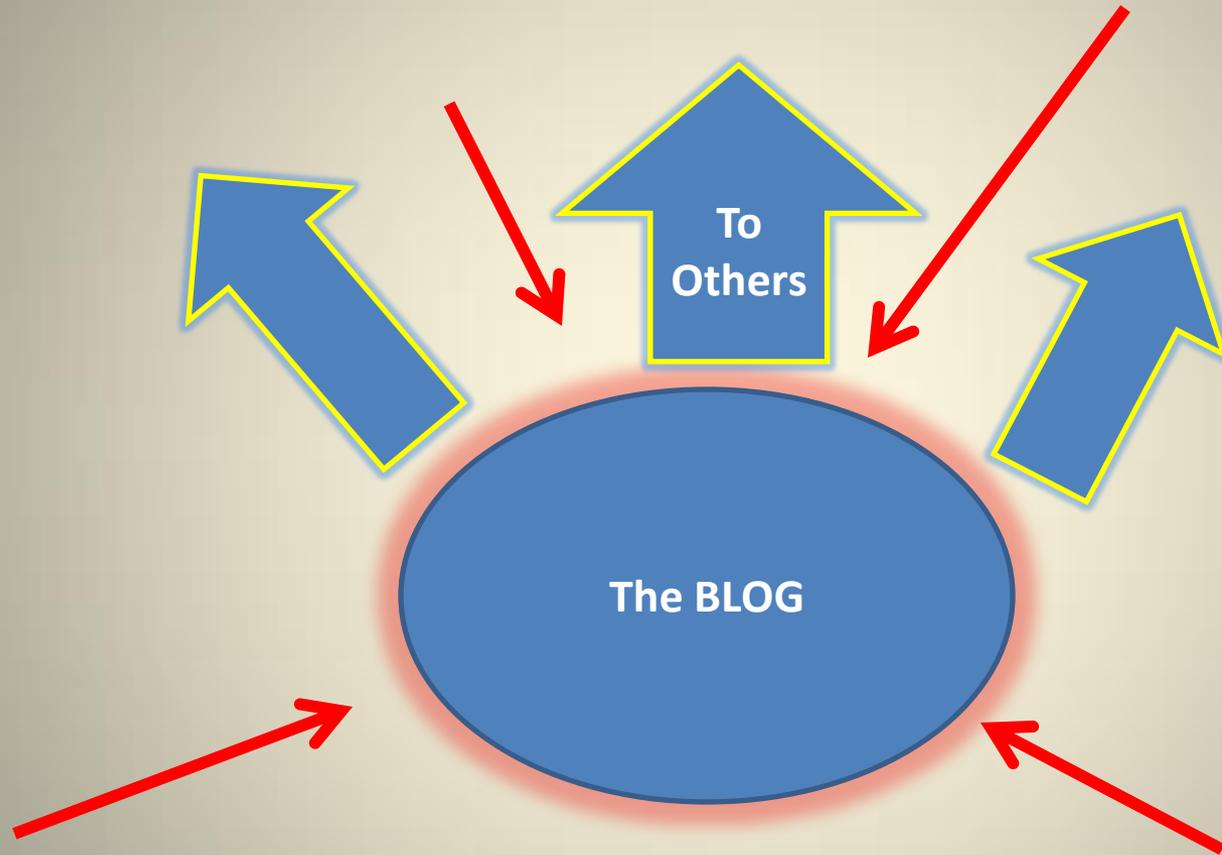
# Blogs

## 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>
- Select a template to house the information.
- Post the information ... articles, comments.
- Information can be edited.
- Technical stuff??
- Software and accounts are free.
- Account and create your own Blog for free!  
<http://www.internetbasedmoms.com/bloggng-rss/blog-definition.html>



# Blogs



# 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

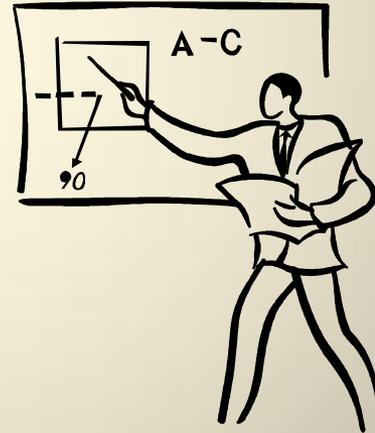
- National University-Teaching **History** *Blog*.
- National University-Teaching **Math** *Blog*.
- National University-Teaching **Health** *Blog*.
- (Your university's name here)-Teaching **xxx** *Blog*



# Blogs

## Program Created – Benefits

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



# Blogs

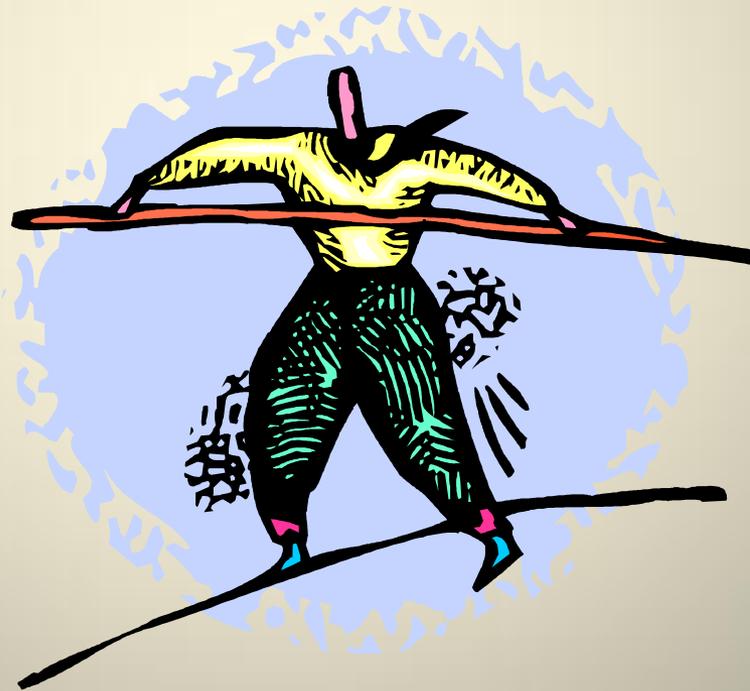
## Program Created - Needs

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



# Blogs

**Challenges ??**



# Wikis

## Definition

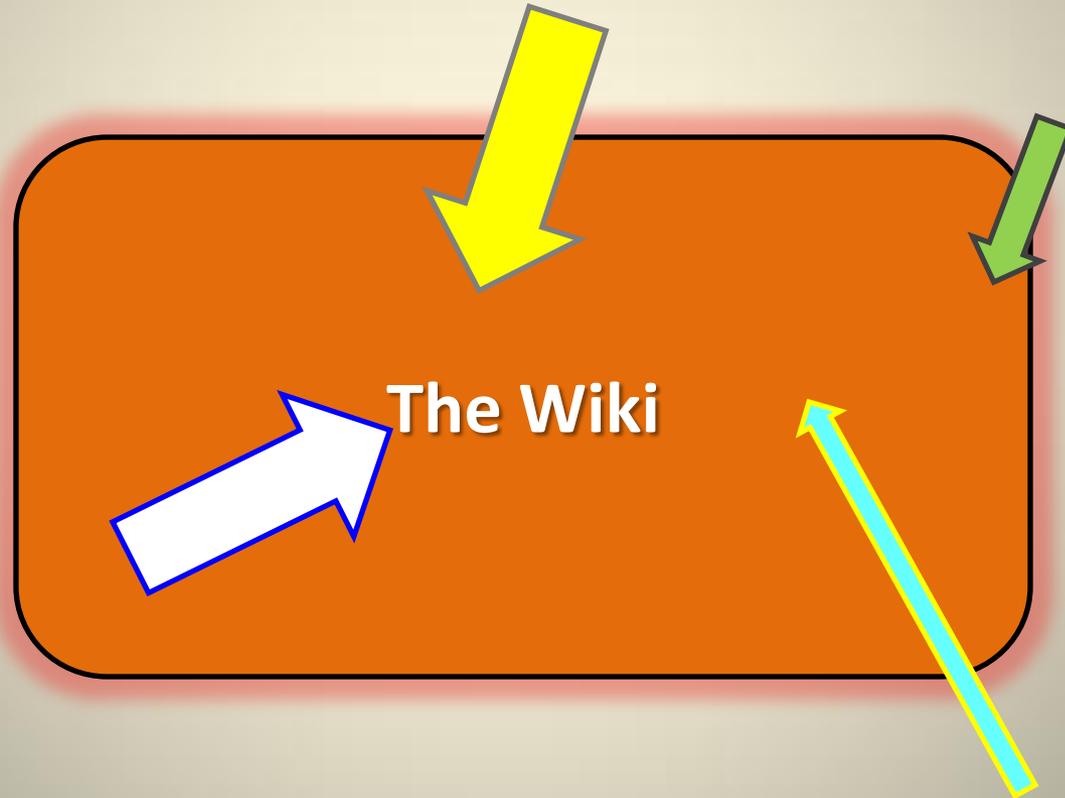


- Space and server software.
- Users freely create and edit Web page content.
- Can use any Web browser.
- Supports hyperlinks.
- Simple text syntax for creating new pages.
- Cross links between internal pages on the fly.
- Allows the organization and content editing.

<http://wiki.org/wiki.cgi?WhatIsWiki>

# Wikis

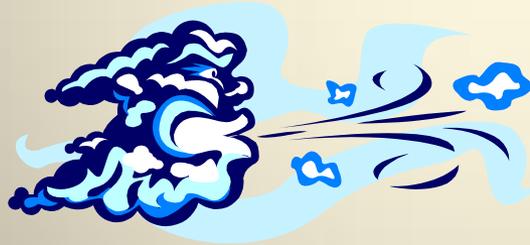
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# Wikis

## Types

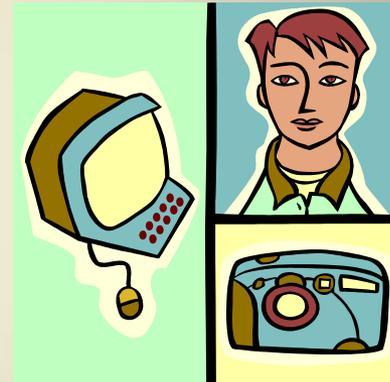
- **Other** Created.
- **Program** Created.



# 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.



# Wikis

## 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.



# Wikis

## Program Created - Needs

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

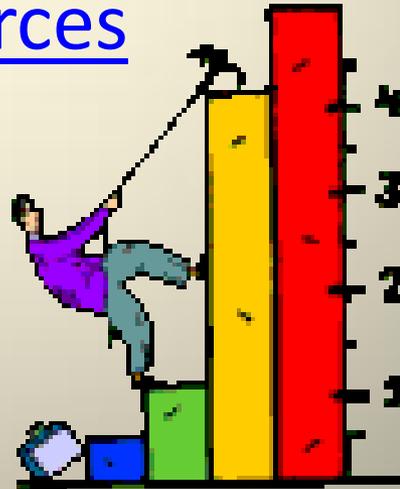


# Wikis

## Challenges?

### And Resources for You:

- [Creating Wiki Pages](#)
- [Wikis in Teaching](#)
- [Wikis in Teaching-Resources](#)



# Clouds

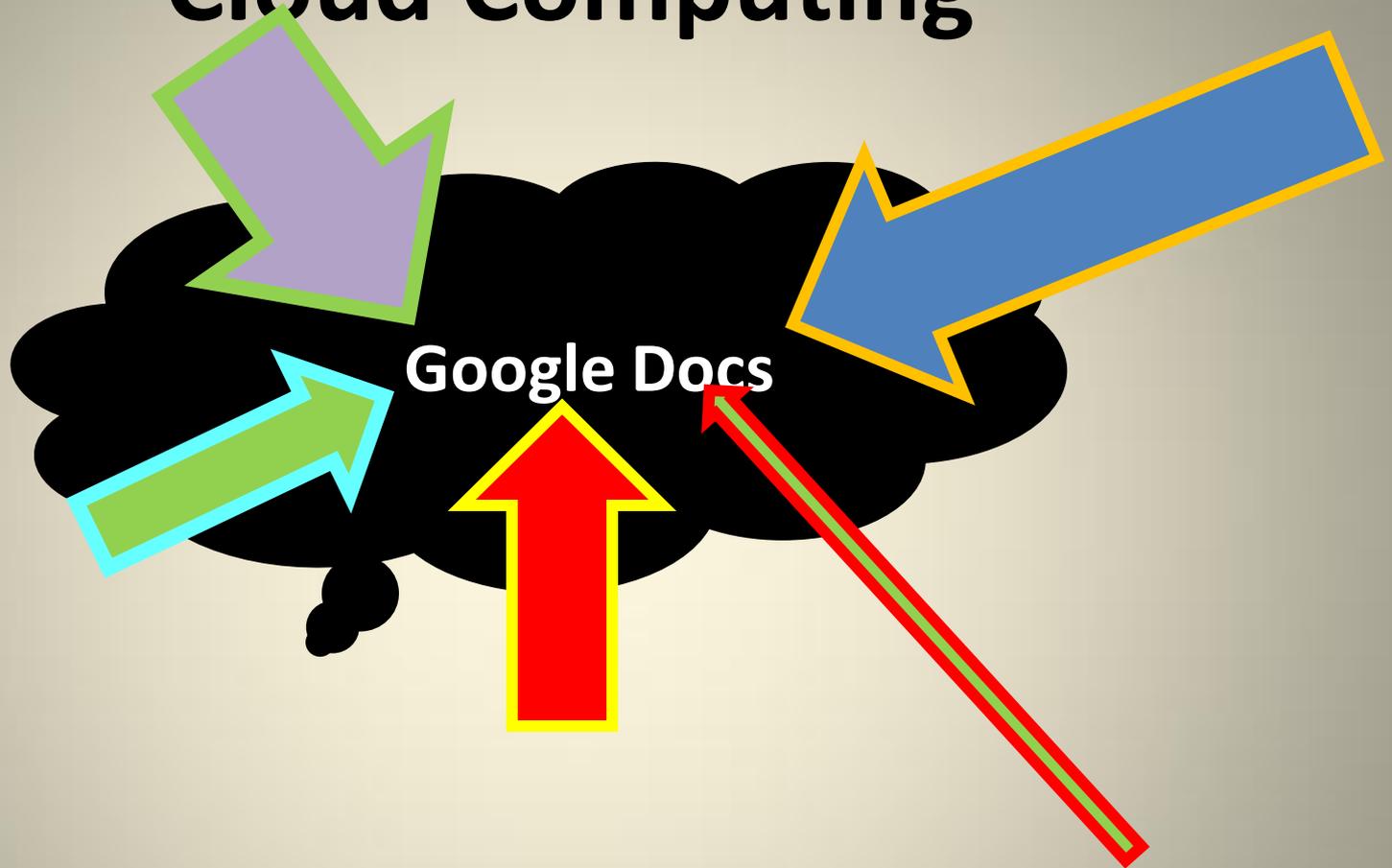


## Definition

- Over the Internet ('cloud').
- Services, resources, software, and storage are provided by a third party. [en.wikipedia.org/wiki/Cloud\\_computing](http://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](http://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](http://en.citizendium.org/wiki/Cloud_computing)

# Cloud Computing

- d



# 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

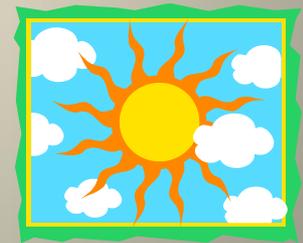
- Free.
- Ever-growing resource.
- Requires analysis and input/creating.
- Candidate oriented and owned.



# Cloud Computing

## Needs

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



# Cloud Computing

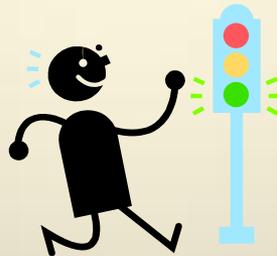
## Challenges

- NEW.



**Today ...**

**Think big,  
start small,  
go slow.**



# EXPLORE

D

