

Universal Design for Learning

What Every Educator Should Know!

Rebecca A. Hines

University of Central Florida

2009

What is UDL?

Purpose of this activity: to assess your knowledge of Universal Design for Learning

Universal Design (UD) strives to be a broad spectrum solution that produces buildings, products, and environments that are usable and effective for _____, not just persons with disabilities.

Universal Design or Learning was conceptualized based on the field of _____.

Some examples of UD in architecture are:

Universal Design for Learning is defined as

Universal Design for Learning calls for :

Multiple means of

- _____
- _____
- _____

Bonus!

What instructional strategy used here represents a UDL practice?

2 Skills Every Teacher Should Have to Promote UDL

1. **Sound Recording.** Recording directions for students adds a layer of accessibility. Advanced version: Add a podcast review for students!

Try: Start/All Programs/Accessories/Entertainment/Sound Recorder



2. **Adding Graphic Directions**

Use images, arrows, and other tools to ensure students know how to complete tasks. **Sample** directions for students:

“Use the program at readwritethink.org to create a Venn Diagram comparing and contrasting the experiences of the north and South in the Civil

The visual layer ensures they have access!

Try this:

Use the Print Screen feature on your computer to capture the screen.

1. Hit **Prnt Scrn** on your keyboard. (nothing appears to happen- the screen is send to your computer’s invisible clipboard)
2. Go to Start/All Programs/Accessories/**Paint**

1. **Civil War by RH**

2. **Print**

3. **Print**

3. Go to Edit/**Paste** to paste image onto screen
4. Cut out area you want to use
5. Go to File/New
6. Paste the part of the image you want to show. Add arrows or text using the tool bar!

Note: Window 2007 users have a slightly different set of steps. The clipboard actually opens on the screen, so you can save it as a picture and open in Paint to edit.



20 Websites Every Teacher Should Know!

1. **Read, Write, Think** –Website providing tools in reading and language arts
<http://readwritethink.org/>
2. **National Library of Virtual Manipulatives** - Offers online manipulatives to share visual images with class <http://nlvm.usu.edu/en/nav/vlibrary.html>
3. **Teachers.net** – Contains many teacher resources including free lesson plans
<http://www.teachers.net/>
4. **Education World** – A multi-purpose website for teachers. Great for lesson planning and professional development. <http://www.education-world.com/>
5. **QuizStar** – A free service that allows teachers to give online quizzes
<http://quizstar.4teachers.org>
6. **Library of Congress** - This site has thousands of pictures and artifacts for all subject areas.
<http://www.loc.gov>
7. **Windows of Universe** - <http://www.windows.ucar.edu> - *Windows to the Universe* offers the same information in 3 levels – beginner, intermediate and advanced and also the text can be turned from English to Spanish. <http://www.windows.ucar.edu>
8. **Paragraph Writing** - This web site takes users through the actual steps of writing a basic paragraph. <http://www.paragraphpunch.com>
9. **Discovery.com** – Website for the popular television channel. Links to educational resources, many of which are science related. Excellent video downloads available.
<http://www.discovery.com/>
10. **National Geographic** – Amazing site with numerous cameras and tons of science content.
<http://www.nationalgeographic.com/index.html>

11. **Brainpop** – This site contains short video clips to teach key concepts across content areas <http://www.brainpop.com>
12. **Dr. Mac’s Amazing Behavior Management Advice Site** – A very user-friendly site that offers tips on classroom management of challenging behaviors. <http://www.behavioradvisor.com/>
13. **Ten by Ten** – This site puts the hour in pictures from news sources around the world providing 100 pictures. <http://tenbyten.org/>
14. **Marumushi** – Takes news of the hour and provides a summary in various categories. <http://www.marumushi.com/apps/newsmap/newsmap.cfm>
15. **Newseum**- Provides coverage of the news of the day by letting you view the front page of papers around the world. <http://www.newseum.org/>
16. **Graphic Organizers** - Free downloads of graphic organizers <http://www.graphicorganizers.com>

Text-to-speech web browsers – These sites all provide tools to assist students in having text read to them.

17. **CAST eReader** – <http://www.cast.org>
18. **IBM’s Home Page Reader** – <http://www-3.ibm.com/able/>
19. **PwWebSpeak** – <http://www.soundlinks.com/pwgen.htm>
20. **Babel Fish** – <http://babelfish.altavista.com> - Assists with translation of materials when English is not primary language.