Discover Multimedia to Engage ALL Students in Meaningful Learning

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Goals of our Session

- **Consider the power that technology, the web, digital and weblogs (the Read/Write web) provide FL educators**
- **Provide food for thought about how technology might change your classroom, bringing together "digital natives" and "digital immigrants" in joint learning**
- **Share ideas, strategies, and techniques for ways that both teachers *and* students can use various types of technology in world language classrooms to promote authentic communication *and* meet individual needs**
- **Provide selected examples created by students & teachers**
- **Consider the alignment with the National Standards**
- **Provide connections to solid research in our field**

Why Do We Use Multimedia?

- **Our students are "Digital Natives" (Prensky, 2001), well versed in the uses of computers, digital cameras, cell phones, Weblogs & text messaging. Using technology of all sorts taps into the multiple interests and skills of students.**
- **Connects with the Multiple Intelligences and Learning Style Theory**
- **Supports Differentiated Instruction**
- **Exercises creativity**
- **Provides unique opportunities for authentic use of the target language**

Consider This:

- **Since most teachers in today's schools did not grow up surrounded by technology, we might be called "Digital Immigrants" (Prensky).**
- **The Web browser is only 12 years old. With the speed that technology is advancing, this means that there are lots of "immigrants" out there.**

How Do Differentiated Instruction & Technology Go Together?

- **DI & T provide *a roadmap of possibilities* for how to *reach all students* and tap into their enthusiasm and ability to learn**
- **Both embrace a *student centered* classroom that is for ALL students**
- ***Teacher is the guide* and facilitator**
- **Instructional options include *multiple approaches and options* for access to content, interaction with learning, and assessment/ evaluation practices**

How Do Differentiated Instruction & Technology Go Together?

- ***DI & T provide options*** **for whole group, small group & paired work, independent learning**
- **Provide opportunities for flexibility and varied approaches to accessing knowledge**
- **Assessments can be both formative and summative and used to drive instruction**
- **Carefully planned work that provides active collaborative learning opportunities**
- **Learning should be anchored in critical reflective practice by teachers and students alike**

Background – Research Base

Anchored in learning theory, such as:

- **Vygotsky (Zone of Proximal Development)**
- **Work in Individualization of Instruction to promote learning effectiveness**
- **Learning Styles and Multiple Intelligences Theory- aimed at reaching all learners**
- **Teaching for Effectiveness – multiple methodologies**
- **Emotional Connections to learning – Goleman**
  - **Article by Gadbois and Fredericks-Malone (see link)**
- **Cooperative Learning Theory – Kagan**
- **Bloom's Taxonomy – higher order thinking skills**

La Voix des Etudiants

“De nos jours, la plupart des élèves apprécient faire des choses avec les équipements informatiques. Alors, si la possibilité d’utiliser un ordinateur leur sourit, ils mettent plus d’effort dans le travail. Comme cela, ils s’amusent tout en apprenant de nouvelles choses.”

Technology and Standards

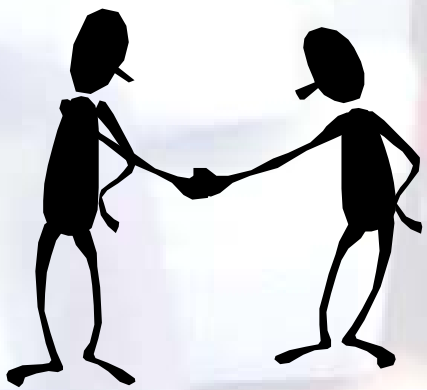
- **Technology and Teacher Education**
  - ***INTASC* for licensing FL Teachers - 2002**
  - **ACTFL Program Standards for the Preparation of FL Teachers (NCATE approved) - 2002**
  - **NBPTS World Languages Other Than English (WLOTE) – 2001**
- **Technology and K-16 Students**
  - **Performance Standards in FL Learning in the 21st Century - 1999**

Using Technology to Differentiate Instruction in YOUR *Classroom*

How can *you AND your students* begin to use multimedia meaningfully

to connect to Standards?

How might technology help you to differentiate instruction in your classroom?



La Voix des Etudiants

Témoin d'Alice sur la technologie…

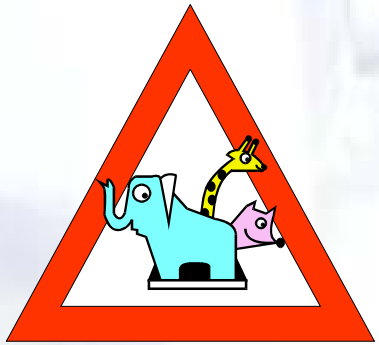
"Apprendre une langue étrangère est plus excitant avec la technologie. Elle sort le côté créatif de l'élève et rend l'instruction plus intéressant."

Teachers & Students Use Power Point

- Teachers create directions or guidelines for a class project, such as:

Latin Project Guide

- Elementary children in a FLES program can take home their vocabulary to "present" to their families and later at Parent Night at school (Mme Rigot's class):



La Famille

Les Animaux

Transportation & Professions

- Or a vocabulary review game created by a group of HS French II students

As a Tool for Students

- **Student presentations promote *authentic use* of the language for presentation & communication**
- **Students *LOVE* to make multimedia presentations in class and can incorporate *audio* and *video* into the presentation**

Note: **Many or most students already know how to use PowerPoint, as well as other presentation and publishing tools**

Some Ideas for Our Classes

- **Use power point to have students create *colorful books* they can read to classmates and younger students**

Spanish I

Tacos

Argentina

Famous Costa Ricans

WebQuests – Offer Multiple Options

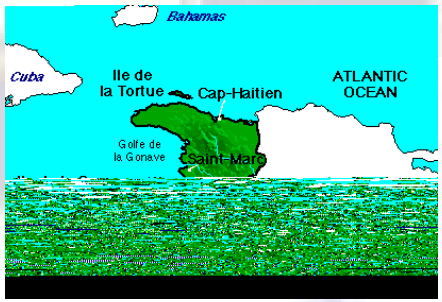
- ***WebQuests*** **can provide students the opportunity to surf the net in a controlled context with goals and objectives specifically created by the professor**
- **Several URLs of existing *WebQuests* are provided in your handout & on the Fox web site**
- **For specific instructions, you might want to consult Bernie Dodge's web site, also provided in your list of URL references from this session**

An Example WebQuest

Recently created for French Students, this WebQuest is being uploaded to the Fox web site and includes both the Quest and its connections to the Multiple Intelligences and Learning Styles:

La Musique Francaise

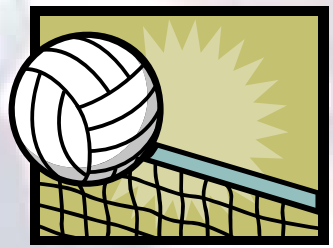
Student created Power Points from their WebQuests



- Les Caraïbes

- Carole Fredericks

- Le Volley



Benefits of WebQuest Projects

- Structures a targeted project area for the students & provides clear expectations with choices & options
- Teaches time management skills
- Encourages cooperative learning
- Allows for use of higher-order thinking
- Brings technology into the classroom learning experience
- Connects to the Standards

Benefits of WebQuest Projects

STUDENT MOTIVATION

- **Provides an essential question for the students to answer**
- **Allows the students to assume roles**
- **Provides real resources for the students - opportunities for direct contact with authentic realia and work *in* the target language**

Benefits of WebQuest Projects

STUDENT MOTIVATION

- **Gives the students an audience for the final presentation of the project**
- **Allows the students to use technology and create with it**
- **Taps into their emotional connection to learning**

Other Technologies On the Web

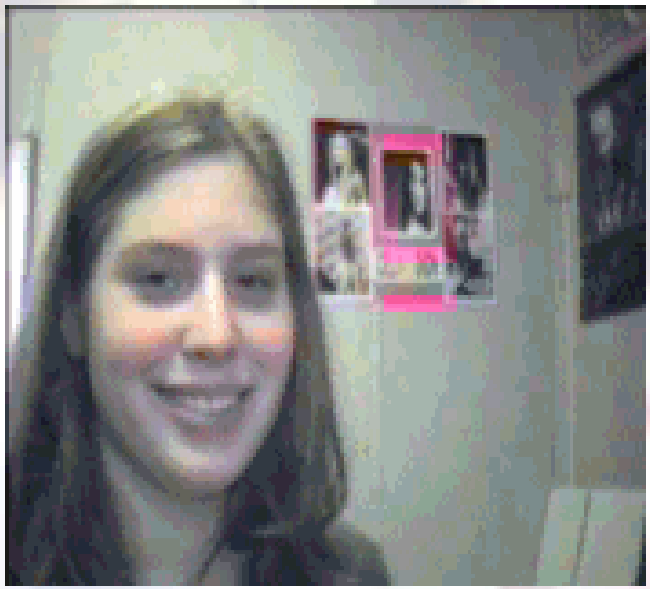
- **Weblogs, or Blogs, as they are known**
  - **Easily created, easily updateable websites that allow an author to publish instantly to the Internet from an Internet connection**
  - **Can be interactive, allowing teachers & students to begin conversations or extend classroom discussions**
  - **This can be particularly important in developing authentic and effective communication in the TL**
  - **Try out this site, among others:**

http://www.blogger.com

Can choose language, password protect

AND it's free!

The Voices of Students



"I think using technology to enhance learning is really great. Technology gives students more choices and more information in less time than it takes to look it up in other ways."

Expanding Technologies

- **Wikis**
  - **Collaborative Webspace where students and teachers can add content and anyone can edit content**
  - **In schools, teachers and students can use password protected wikis to create their own course-based resources, which supports interactive learning projects and constructivist approaches to teaching and learning**
  - **Read/Write Web can help launch students and teachers toward interactive discovery and learning, use of the target language in authentic communications. Go visit:**

http://www.wiki.org

http://www.wikispaces.com

Expanding Technologies

Digital Photos

- **Experiencing new Vocabulary "in Person": Javier's Spanish students experience and interact with vocabulary using digital photos of themselves**
- **FLES 5th graders create their "emotion" vocabulary**

Online Photo Galleries

- **Use the photos from your or students' travel and to support and develop vocabulary development and presentational skills**
- **Should be password protected to ensure student anonymity and safety**

The Voices of Students

"I liked this activity because I got to laugh at my friends while I was learning new words"

Thank You!

We thank you for your time today!

Please contact us if you have questions or you would like to share the work you are now doing with your students using Technology and Multimedia!

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