WELCOME

Language Learning in the Era of Ubiquitous Computing

Arizona State University
March 10-14, 2009
What is OWL?
Comprehensive test management system

BUILD
Build tests using rosalia, text, audio and video or import existing tests.

TEST
Test students using a web browser.

IMPROVE
TEST what you value - focus your students.
RATE student ability - maximize instructional efficacy.
ANALYZE meaningful data - articulate goals.
IMPROVE program - promote proficiency.

REPORT
Analyze your program using extensive aggregate data.

RATE/SORE
Rate writing or speech samples using a web browser. Automatically score other test elements.

OWL
TESTING SOFTWARE
History

• OWL has been in use for 9+ years
  – 1999-2000 - Built prototype SOPl test
  – 2000 - Version 1 VB6, ASP
  – 2003 - Version 2 VB6, ASP
  – 2006 - Version 3 C#, Flash, Java
  – 2008 - Version 3.5 Enhanced U.I.
  – 2009 - Version 3.6 WYSIWYG Editor, High Performance Tester
Tens of thousands of tests delivered

<table>
<thead>
<tr>
<th>Year Tested</th>
<th>Number of Students</th>
<th>Number of Schools</th>
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</thead>
<tbody>
<tr>
<td>2003</td>
<td>1,335</td>
<td>31</td>
</tr>
<tr>
<td>2004</td>
<td>1,798</td>
<td>35</td>
</tr>
<tr>
<td>2005</td>
<td>1,726</td>
<td>31</td>
</tr>
<tr>
<td>2006</td>
<td>1,740</td>
<td>31</td>
</tr>
<tr>
<td>2007</td>
<td>1,717</td>
<td>28</td>
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<tr>
<td>2008</td>
<td>5,371</td>
<td>28</td>
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</table>

PPS tests completed in:
French, German, Japanese, Spanish & Italian
Why use OWL?

• *Simplify* Test Administration
  • Free Content - OWL Community Library

• *Easily* Collect And Rate Speech
  • Provide Any Time, Anywhere Access

• *Automatically* Score
  • Collect Data
Benefits of Creating On-line Tests

• Keep tests from year to year
• Easily edit or delete questions
• Quickly modify test structure
• Auto score multiple choice, short answer, and cloze items
• Quick detailed reports
OWL has been used in a wide variety of venues

- Department & Campus wide
- K-12 District wide
- Business offices
- Individual Classrooms
- Worldwide
World Wide Use

- Teachers can assess language skills related to study abroad programs
Flexible

• OWL is flexible enough to allow for academic freedom and creativity, while being easy to use
Example Tests

- Oral Proficiency
- Japanese Multiple Choice
- Translation
Included Tests

• Validated SOPI to Intermediate Low in French, German, Italian, Japanese, and Spanish
• Validated SOPI to Intermediate High in French, German, Japanese, and Spanish
# Test Validity

Correlation Between the PPS ORALS and the SOPI / OPI

<table>
<thead>
<tr>
<th>Language / Assessment</th>
<th>No. of Double Ratings</th>
<th>Correlation</th>
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<tbody>
<tr>
<td>French SOPI</td>
<td>29</td>
<td>.85</td>
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<tr>
<td>Spanish OPI</td>
<td>30</td>
<td>.86</td>
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**Outside raters:**
Dr. Bonnie Adair-Hauck, University of Pittsburgh (SOPI)
Dr. Eileen Glisan, Indiana University of Pennsylvania (OPI)

**See article:**
Report Types

- Activity Details
- Item Details
- Assessed
  - Assessment Details
  - Proficiency Statistics
- Scored
  - Scoring Statistics
  - Scoring Comparison
What can all of this data be used for?

- Improve Instruction
- Maintain or Increase Funding
- Research

???
Thank You!

Chris Dalessandri
President/CEO

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