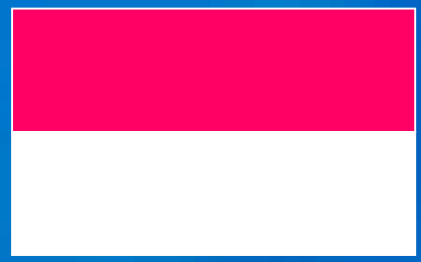
“Strategy of e-learning development in the Network of Vocational and General Education in Indonesia.”

Country Report for AEN Conference 2005



Binsar Siagian
Technical Education Development Center Bandung

Organization And Network Development Area

5000 Vocational Schools

9000 General Senior Secondary Schools

12 + 27 Teacher Training Centre

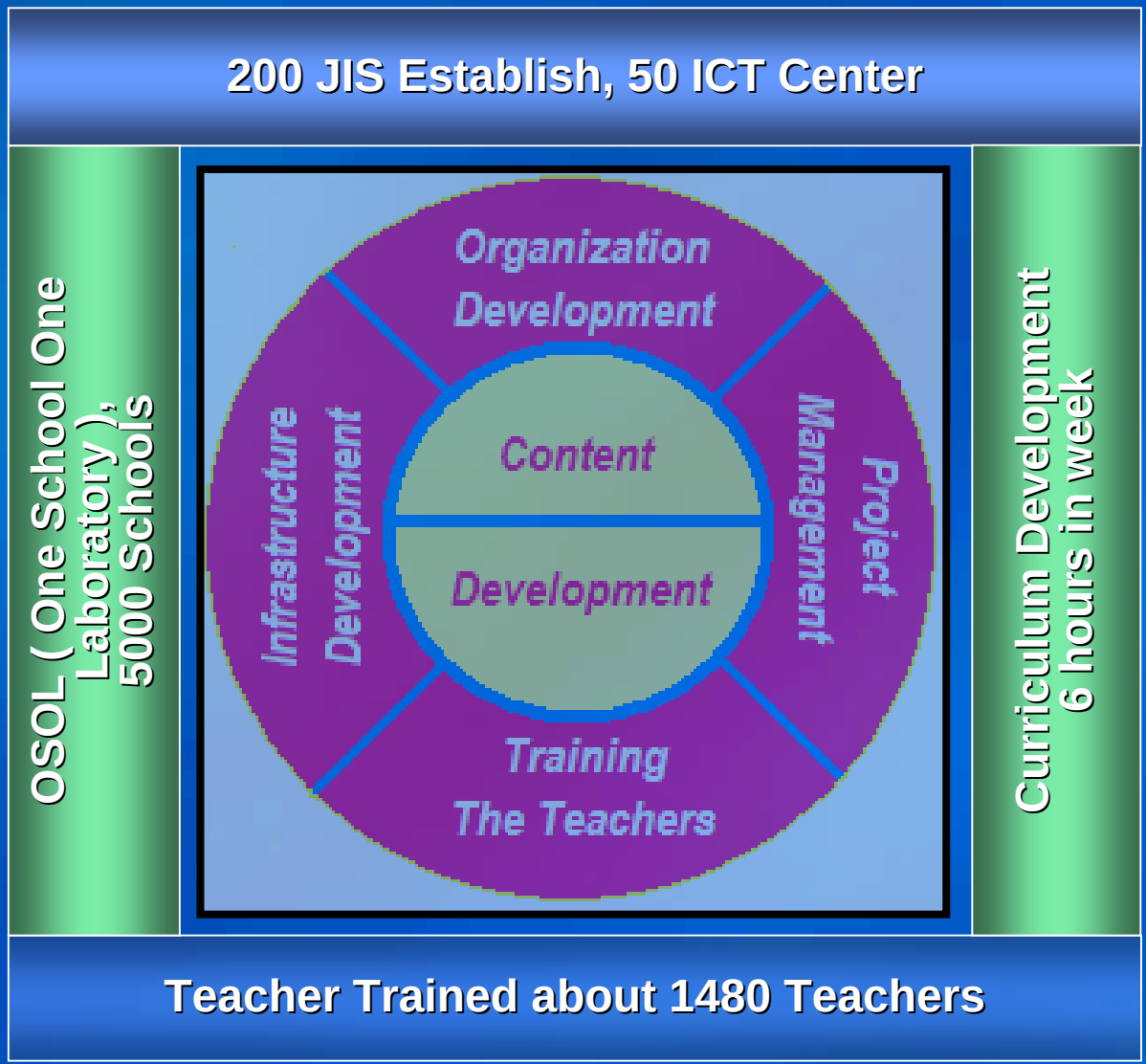
50 ICT Centre + Mobile Laboratory.

How People Learn
Brain, mind, experience, and school

- Teachers must draw out and work with the pre-existing understandings that their students bring with them
- Teachers must teach some subject matter in depth, providing many examples in which the same concept is at work and providing a firm foundation of factual knowledge
- The teaching of metacognitive skills should be integrated into the curriculum in a variety of subject areas

Bransford et al., 2000

E-Learning Strategy Development 2002-2006



National e-Learning Meeting and Workshop

1. May 2005, 24 members from each provinces & Microsoft
2. August 2005, 24 members of Teacher from ICT Center & TEDC Bandung (AEN-Members)
3. October 2005, 24 members from School and ICT Center & CPSC Manila

Result :

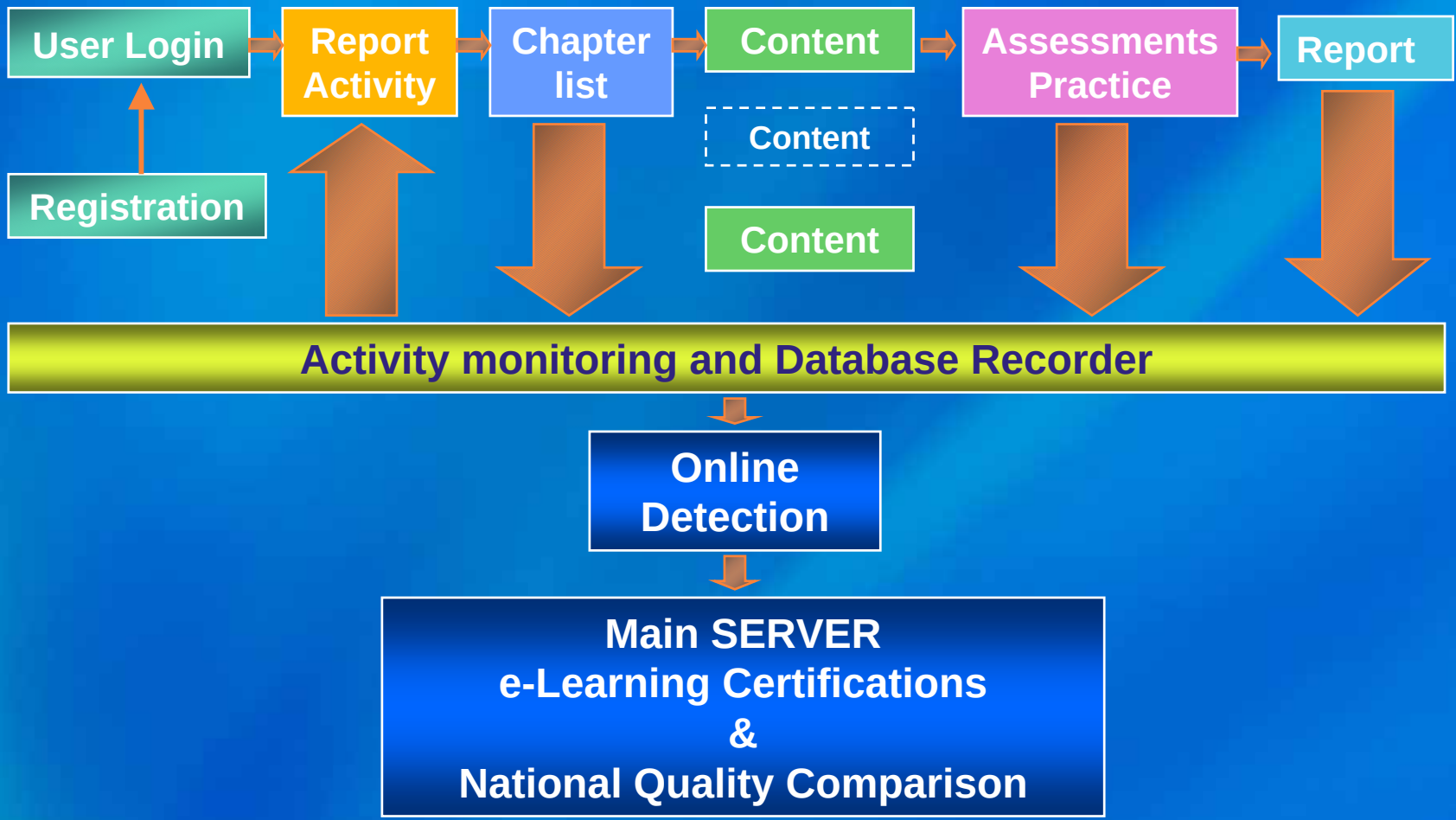
1. Develop the Content by all members/Company
2. Focus only for Content, Methodology & Interactive reporting
3. National Standardization develop by MSDN-team

Standardization tools as “Need”

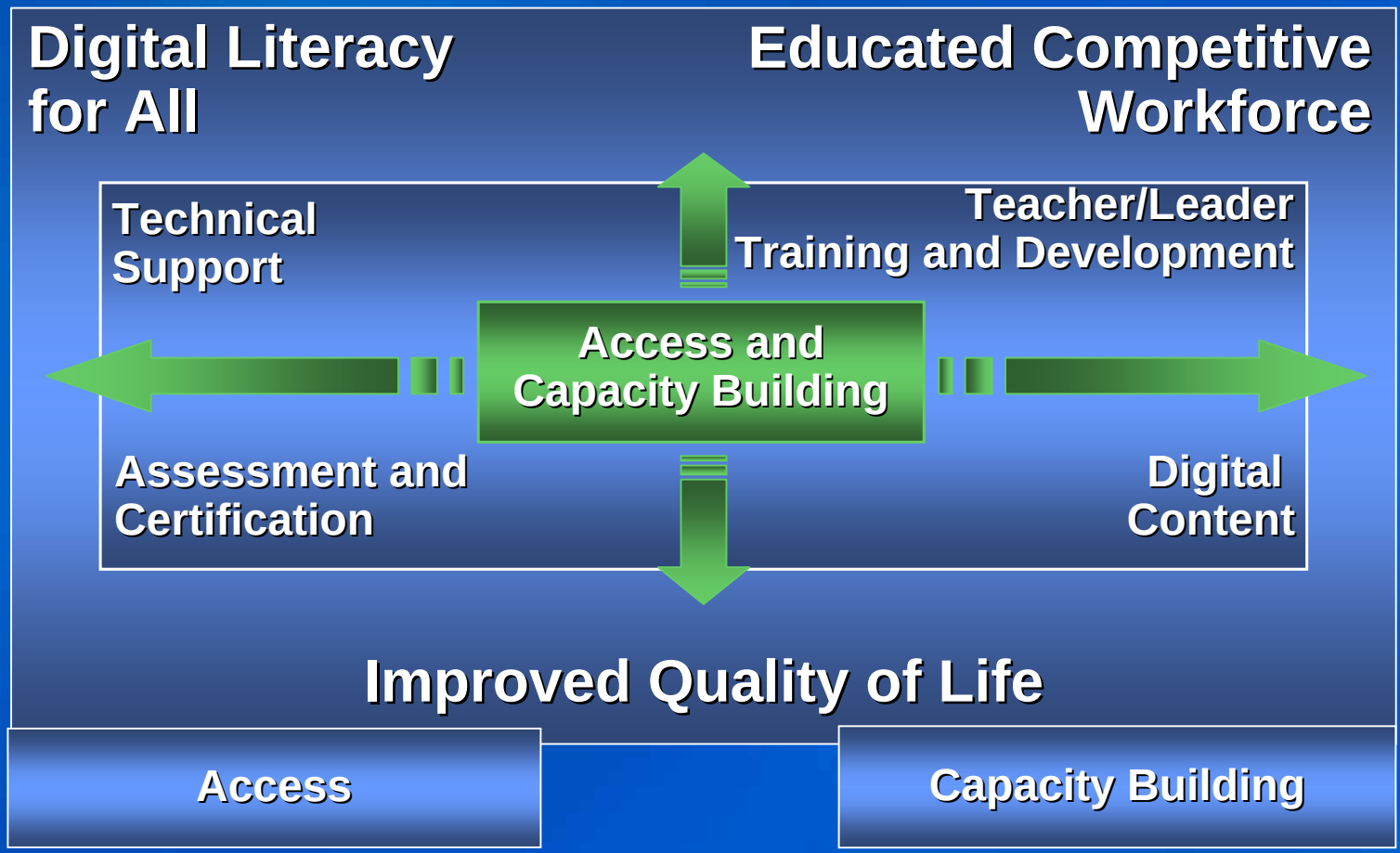
1. User Standalone database / Intranet
2. User Interaction report database (login & activity)
3. Internet or SMS Connection report (off line)
4. Dikmenjur e-Learning SERVER Database support by Microsoft
5. ICT Center e-Learning Regional SERVER
6. LMS and Certification (Standard Competences)

Student Activity Recorder Role

How they learn (best)



Partners In Learning



Partners in Learning – Fresh Start for Donated PCs
Partners in Learning – School Agreement

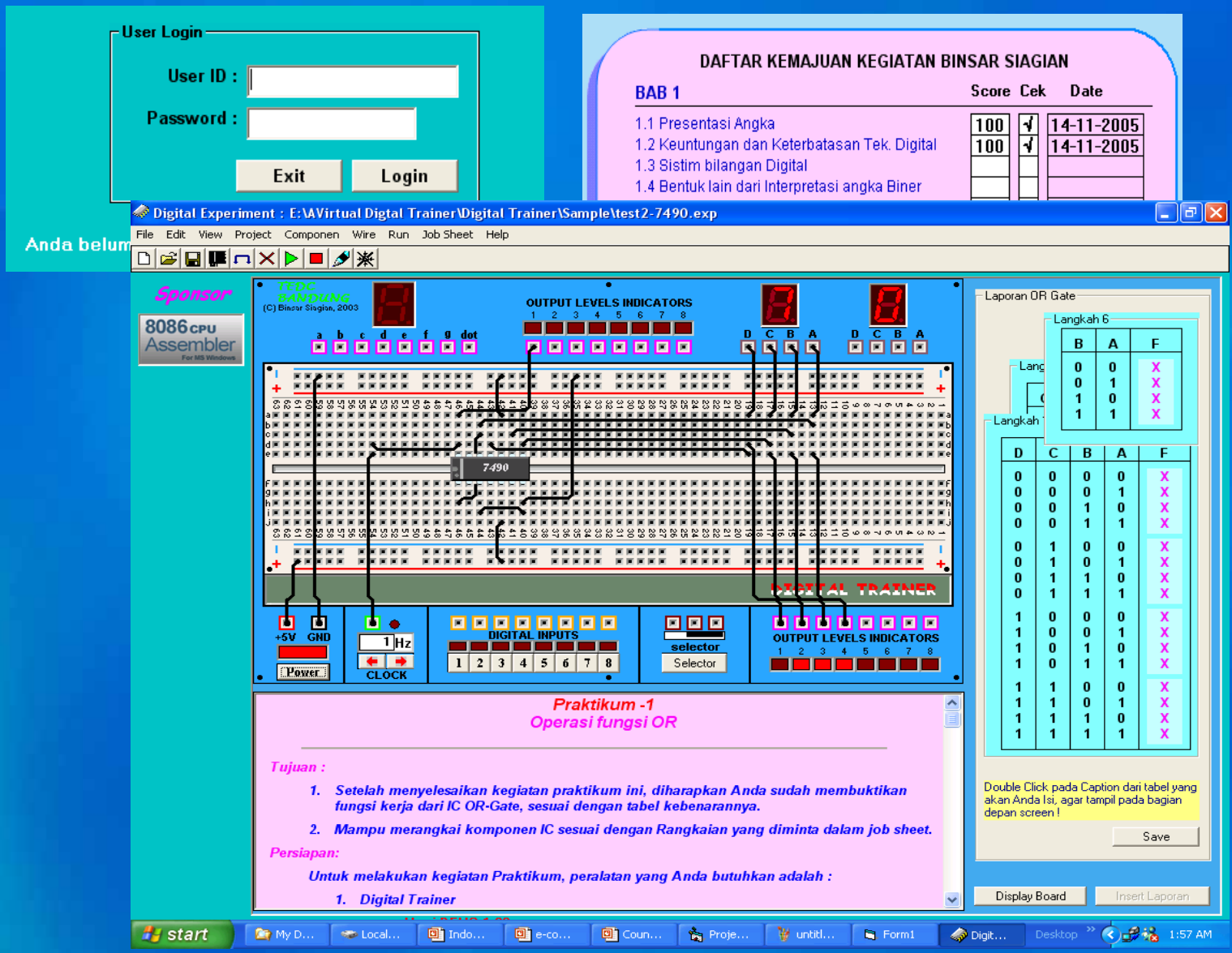
Partners in Learning - Grants

How About the SCORM ?

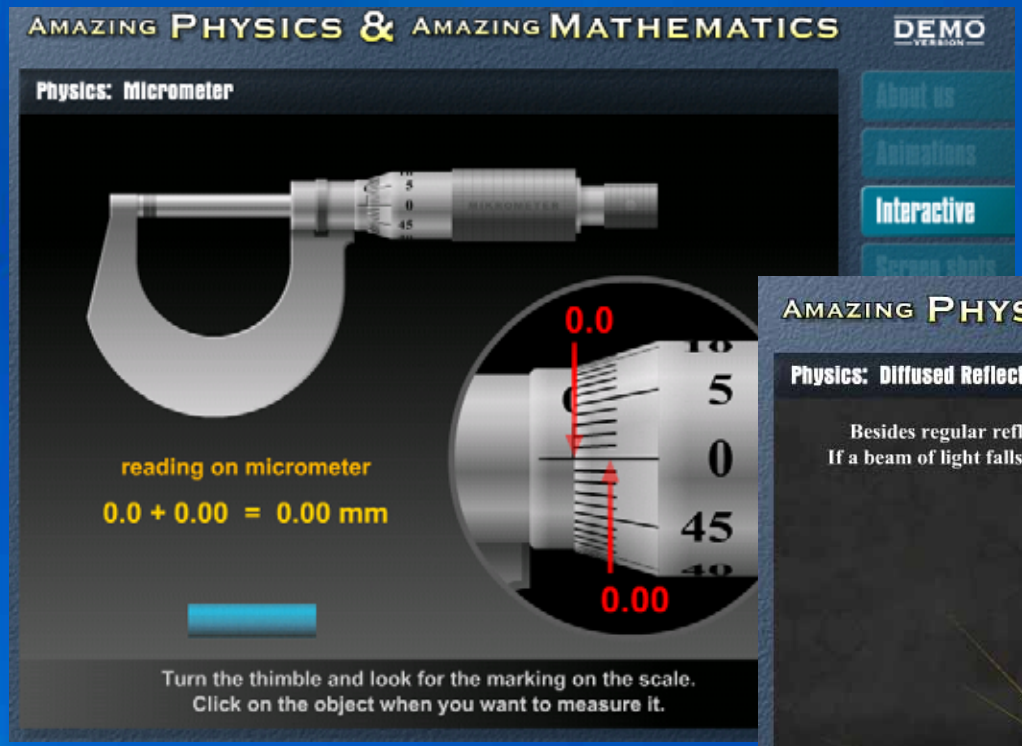
Brain, mind, experience, and school

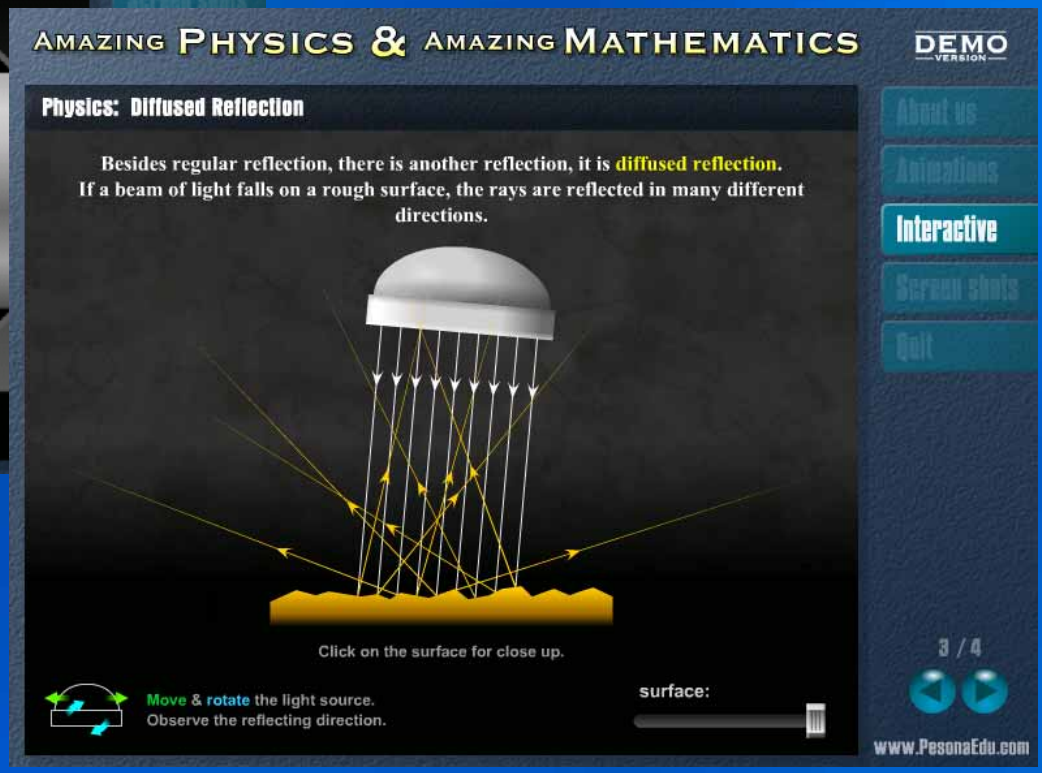
- Study and Testing for SCORM (limited resources)
- No Idea, related to National Curriculum of School
- Education Role and Low for e-Learning
- Standard Competence for Vocational Education
- Organization, Control, Security
- Who can support Us for the SCORM technology transforms.

Content Sample by TEDC Bandung



Content Sample by PESONA (e-Learning Company)





Content Developed from year 2003-2005

1. 150 Title for Technical Subject
2. 50 Title for Agriculture subject
3. 100 Title for General Subject
4. 10 Title for Hotel and Tourism

Government Budget

How about the Quality of Product ?
(effectiveness, solution, or wasteful)

Taking an End to End Approach – Working to Bring the Pieces Together

Thank you for your Attention !

Presented on December 14, 2005

by

The Asia e-Learning Network Conference 2005,

Ariake Washington Hotel, Tokyo

Binsar Siagian, TEDC Bandung Indonesia

E-mail: binsarid@yahoo.com

The End.