

Temple College
TC

NISOD
May 29-June 1, 2011 Austin, Texas
International Conference on Teaching & Learning Excellence

Teaching with a Whole Brain Approach

Dr. Mark Smith
R. Craig Collins

May 30, 2011
1:30-2:30 pm

Putting Teaching and Learning on the Map!

9C

Introduction

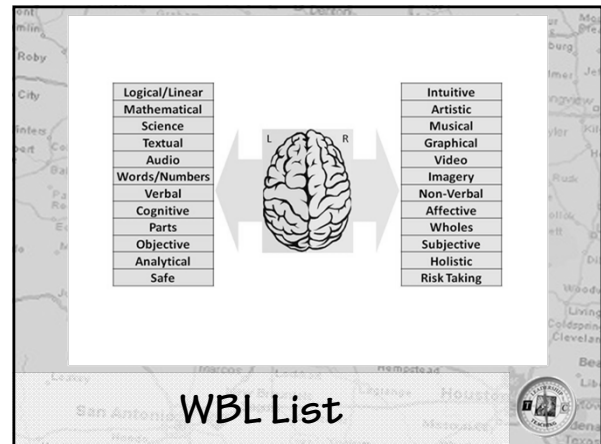
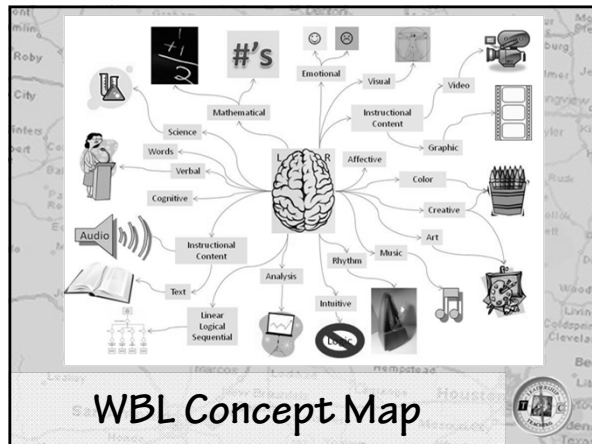
- Definitions
- Whole Brain Learning
- Hemispheric Dominance
- Concept Mapping
- Software

Whole  **Learning**

When learners are able to utilize both hemispheres of their brain holistically when thinking and learning

Hemispheric Dominance

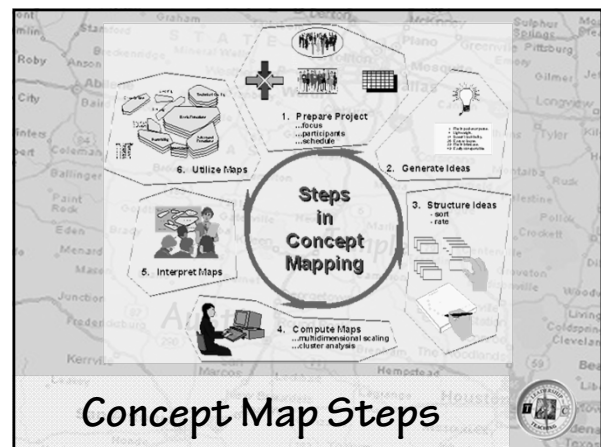
- How people prefer to learn
 - Left hemispheric dominant – prefer to learn in a sequential and logical manner
 - Right hemispheric dominant - prefer to learn in a spatial or visual approach
- Degree of brain hemisphericity varies by person



Concept Mapping

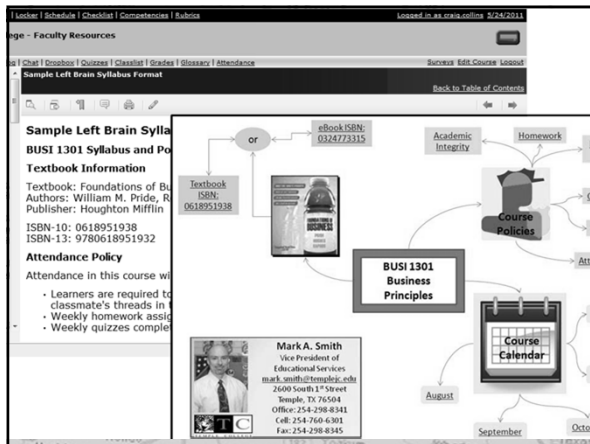
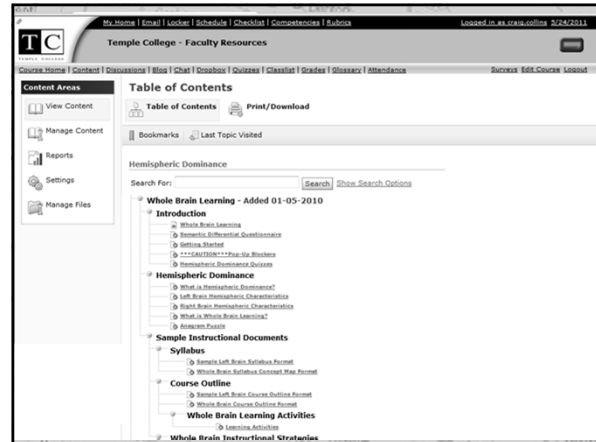
- A graphic tool used to organize information in a map format
 - Note-taking, complex info, studying, teaching, etc.
- 50 Useful Mind-Mapping Tools for College Students

<http://associatedegree.org/2009/07/27/50-useful-mind-mapping-tools-for-college-students/>



Implementation

- Classroom Management System
 - We use Desire2Learn
- Traditional Web Page
- Presentation Software
- *Flash Movie



Software

- Presentation Software with links
 - PowerPoint
 - Open Office/Libre Office/Google Docs
- Zooming Presentations
 - Prezi
- Concept Mapping/Mind Mapping
 - Mindomo

