

Ed 362 * Instructional Technology

Chapter (7) Lecture
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Educational Technology

- Evaluation of Technology for Instruction!
- Before, During and After Instruction!
- Evaluation: Identify Types of Technology
- Evaluation: Appropriateness of Technology
- Resources that assist: Ed Orgs, Ed Catalogs,
 - Colleagues, Conferences, WWW Sources

Ed SW Applications

- Content: Appropriateness **and** Accuracy
 - Relevancy: Curriculum Learning Objectives
- SW Rubrics best to evaluate Applications
- Content, Documentation, Tech Support,
 - Levels, Assessment, Quality, Ease of Use...
- Rubric Forms: Pg 407 & 408

WWW Resources

- Professional Authority: Credentials...
- Organizational Affiliation: Institutions...
 - Purpose & Objectivity: Reasonable...
 - Content & Learning Process... Pgs 412-3
 - Audience & Currency: Relevance...
 - Page & Site Design: Navigation...

Effectiveness of Integration

- Assessment? Reliable & Valid
- TA: MC, FIB, Matching, Short Essay, etc...
- Authentic Assessment: Project & Portfolio
 - Project Based Assessment: Product Based
 - Portfolio Based Assessment: Many Projects
- Project Evaluation Checklist: Pg 416

Instructional Tools

- Checklist: Predetermined Performances
- Rating Scale: Numeric Value for Checklist
- Task Rubric: Descriptive Criteria
- Observation: Powerful but Subjective ←
- Interview: Insightful since One on One
- Student Project Rubric: Pg 418 ←

Tech-Based Projects

- Checklists, Rating Scales, Observations, ...
 - Assessment needs Goals & Objectives
 - Projects: Content, Planning, Creativity
 - Planning Tools: Flow Charts & Concept Maps
 - **Inspiration** SW good for Organization!

Integration Strategies

- Students Engaged & Teachers Facilitate
- Strategies: One PC, Many PC, PC Labs...
- One PC Class: Demonstrations/Presentations
- Multi-PC Class: Learning Centers
- PC Lab: More Student involvement!!!

CPs, SHs, WQs, VTs

- More Simple & Easy Integration
- Create Curriculum (Student) Web Pages
- Convergent & Divergent Scavenger Hunts
- Create Stimulating Web Quest Lessons
- Create Virtual Field Trips and/or Tours

WWW Lessons

- Collaborative Lessons with fellow Teachers
- Share & Modify WWW Lessons ✓
- Create Web Enhanced Info Pages (SGs)
- Create Interactive Activities or Web Sites
- Many detailed examples: Pg 427-442

WWW Lessons

- Language Arts: Research & Writing
- Social Studies: Ancient Egypt
- Mathematics: Measures, PS, Est, Geo!
- Science: Think like a Scientist!
- Health, Ph Ed, Arts...
- Exceptional & Interdisciplinary...

Funds & Grants

- Sources within a School District
- Private Organizations
- Private Foundations ✓
- Government: Local, State, National
- School Activities, Clubs, Organizations

PP HD

Conclusion
