

Instructional Technology

Chapter (6) Lecture
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Curriculum: Stds, Bmks

- Curriculum, GLEExpectations, MOChecklists
- Curriculum Standard is **Curriculum Goal**
- Curriculum Goal is a Expected Outcome
- Curriculum Benchmark is **Learning Objective**
- Learning Objective is a Measurable Outcome

Technology Integration

- Combination All Technology Components
- Technology & Curriculum Integration (=)?
- HW and SW & Curriculum Specific Levels
- Teachers must realize Technology is a Tool!
- T **should not** drive C! C **should** drive T!

Classrooms vs Computer Labs

- Technology **needs** Trained Teachers
- Accessible & Teacher made Decisions
- Labs Ok to start **but** Classrooms better!
- Use Technology at **Point of Instruction**
- Technology present at **Teachable Moment**

Integration of C & T

- **Key:** **Identify**, what is to be accomplished?
- What are Standards & Objectives?
- Identify **Appropriate Technology** Resources
- Innovative Ways for Diverse Populations
- Provide for various **Learning Styles**
- Provide for various **Teaching Strategies**

Instructional Strategies

- Students change from **Passive to Active**
- Teachers change **from** Dictator **to** Facilitator
- Motivates, Guides, Promotes, Attitude, **also**
- Appreciation of Self & Life Long Learning
- **Changing Instructional Strategies (Paradigms)**
- Wellivers Instructional Model **Pg 344**

Barriers to Integration

- Lack of Teacher Technology Training
- Lack of Local & District Teacher Support
- Limited Time for Teacher Planning
- PC Placement & Access Difficultly
- Budget Constraints at Local & District
- Resistance to Change **Pg 345 to do!**

Integration & Learning Process

- Learners engaged (**active**) in Learning Process
- Authentic: Connect Classroom **to** Real Life
- **Active**: Gather, Analyze, Use information
- Anchored Instruction: Build on a Base!
- **Active**: Problem Solving & Discovery Learning

Role of School Districts

- Technology Plan: District **and** Departments
- Technology Plan for ES, MS, HS
- Technology Plan for Buildings
- Technology Plan for Teacher Facilitators
- Technology Plan for Active Students
- Technology Plan for Involved Parents

Classroom Integration

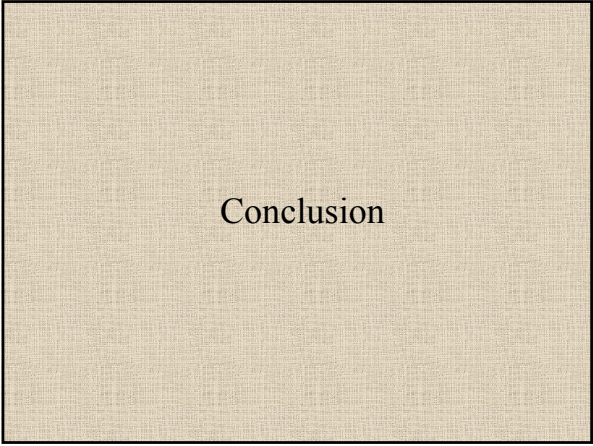
- One to Two PCs in a classroom
- Data Projector, PC/TV Converter, etc
- Multi-Computers in a Classroom
- Shared Computer or Learning Centers
- Home Assignments via WWW or Internet
- References, Resources, Investigations, etc

Instructional Models

- Know, Want to know, Learn Chart [Pg 355](#)
- ASSURE Learning Model [Pg 356](#)
- The Learning Cycle (E,E,E,E,E)
- Cooperative **or** Collaborative Learning
- The Scientific Method (G,D,H,T,C)
- Investigate **LC & SC** at [Wikipedia!](#)

Learning Centers

- Classroom Learning Environments
- [Specific Learning Positions \(Tables\)](#)
- [Communication](#) Center: Internet & WWW
- [Multimedia](#) Center: Interactive Materials
- [Production](#) Center: WP, SS, DB, PP, etc...
- [Developmental](#) Center: Curriculum SW



Conclusion
