

World Links for Development



Module One

Introduction, Content and Curriculum



Seminar Structure and Goals

Workshop Goal:

- To provide discussions and activities that address critical issues including:
 - ICT and Education Reform
 - Structure of ICT in Education
 - Applications of ICT in Education
 - ICT Infrastructures
 - Role of Professional Development



Seminar Structure and Goals

Workshop Goals:

- To provide discussions and activities that address critical issues including:
 - Strategic Planning
 - Intergovernmental Issues
 - Development of a Vision Statement
 - Development of outline of goals for inclusion in an ICT policy For Education



Seminar Structure and Goals

Workshop Goals:

At the end of the workshop, the participants will have begun an ongoing process by:

- developing a vision statement, selecting policy goals and establishing a policy development working team :
- Outlining next steps and timeline for completion of the ICT in Education Policy document.



Workshop Schedule

■ Day One:

- Opening Ceremony
- Workshop Goals
- ICT and Education Reform
- Where Do We Stand Activity
- Structure of ICT in Education
- Students and The Internet
- Acceptable Use Policy
- Demonstration of Resources



Workshop Schedule

■ Day Two:

- Strategic Planning
- Environmental Scan
- ICT Functions and organizational structure
- Presentation by Ministry of Communication and Technology
- Vision Statements
- Identification of strategic issues



Workshop Schedule

- Day Three:
 - Presentation of Strategic Issues
 - ICT infrastructure
 - School Infrastructure activity
 - Telco/ISP presentation
 - Introduction of Partnership activity



Workshop Schedule

- Day Four:

- Partnerships
- ICT Functions and Organization Structure activity
- Moving from Strategic Issue to Strategic Goal
- Professional Development
- Intergovernmental Issues
- Communication Plan



Workshop Schedule

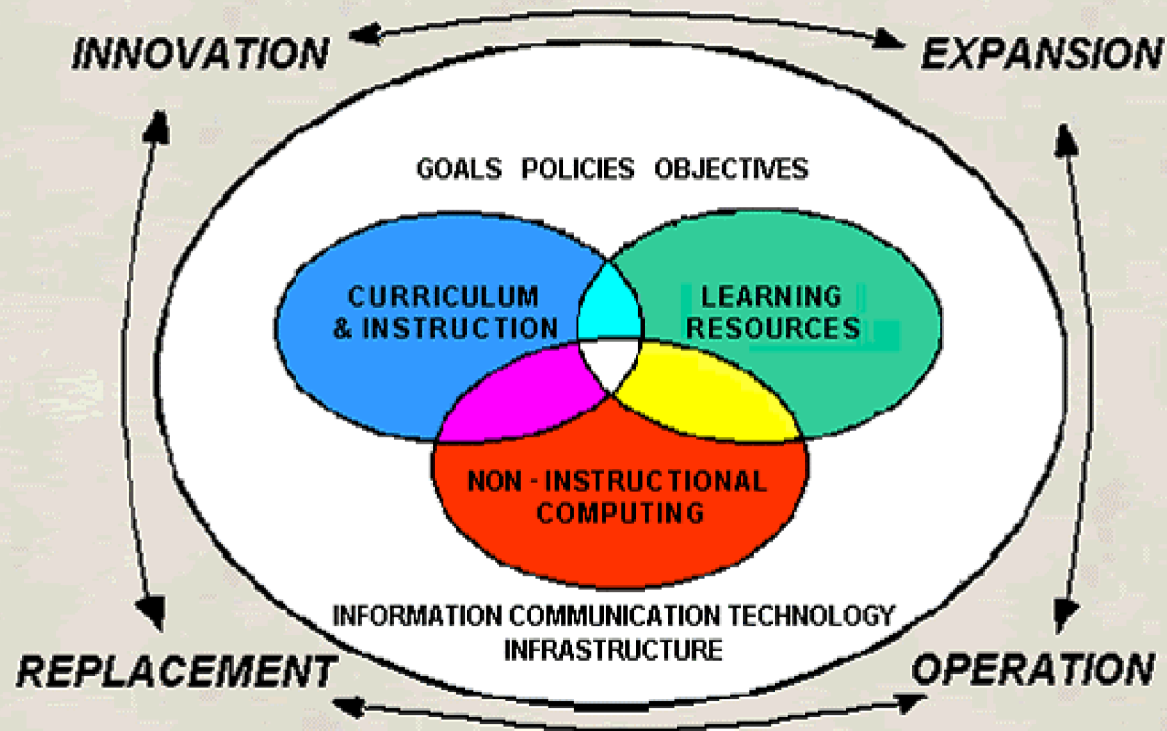
- Day Five:
 - Dealing with Change activity
 - Necessary Components of ICT Infrastructure Plan
 - Financing an ICT Project
 - Policy Goals and Vision Statement
 - Support opportunities from World Links
 - Establish 4 month timeline for Policy Development
 - Closing

Where do we stand activity





THE INFORMATION & COMMUNICATION TECHNOLOGY LIFE CYCLE



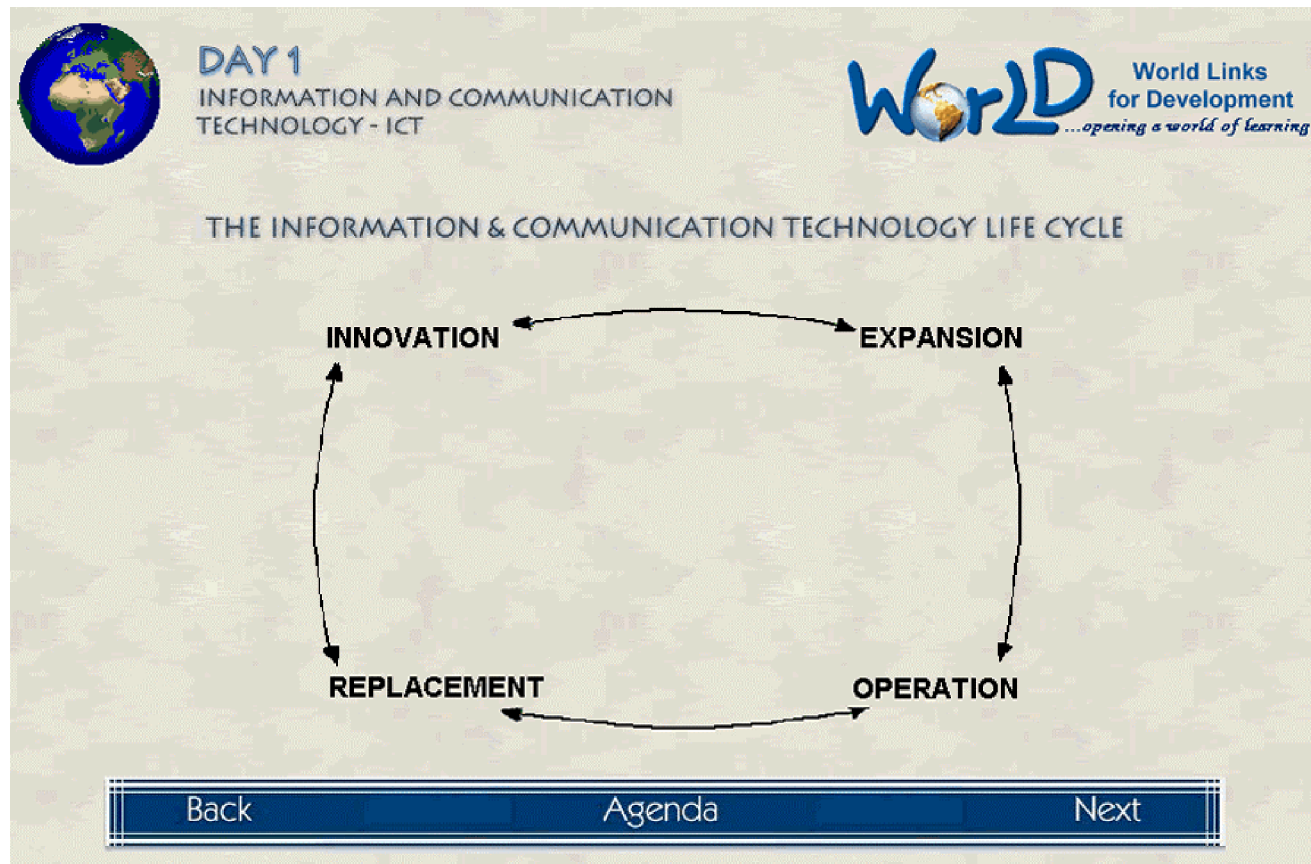
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The ICT Life Cycle





The ICT Life Cycle

- Innovation is:

- new, non-standard, less structured information technology research and development
- important and must be allowed for
- how the infrastructure and applications are kept current and relevant
- where pilot projects occur



The ICT Life Cycle

- Expansion:
 - occurs after an innovation has been researched and verified
 - is where a project is set up to implement an innovation

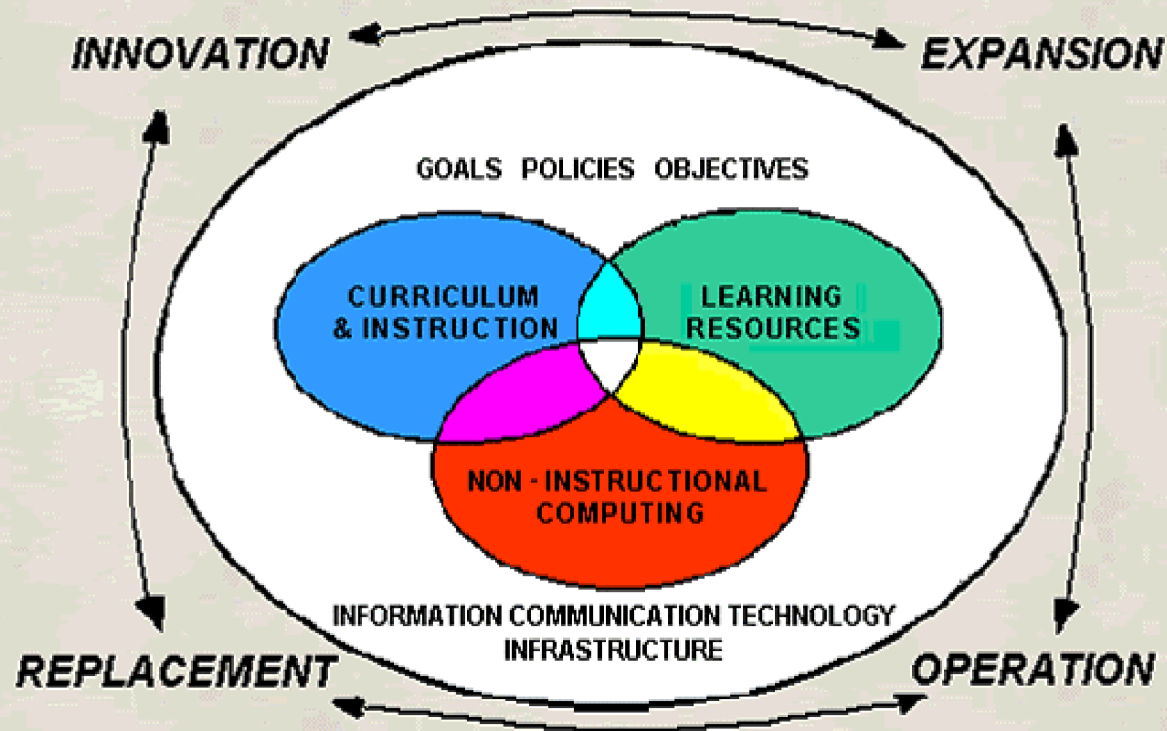


The ICT Life Cycle

- Replacement:
 - involves replacing equipment and/or software with limited change in functionality.



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Enhancing the Curriculum Model

- Enhancing the curriculum model with technology:
 - Allows for the development of an online curriculum that is always current(Evergreen)
 - provides for convenient teacher access to curriculum guides for all subjects and grades



Enhancing the Curriculum Model

- Enhancing the curriculum model with technology:
 - acts as an organizer of resources with links to:
 - WWW resources, databases of resources, teacher created resources, support documents and sources of print and non-print resources



Enhancing the Curriculum Model

- Enhancing the curriculum model with technology:
 - facilitates communication among administrators, teachers and students via announcement areas, discussion and online conferences
 - allows for development of scope and sequence to direct teachers to integrate technology throughout the curriculum



Enhancing the Curriculum Model

- Enhancing the curriculum model with technology:
 - supports a movement to teacher guided learning
 - facilitates student and teacher consultation with mentors and experts



Learning Resources

- Learning Resources include all information and Information and Communication Technology required to support all subject areas.



Learning Resources

- These include:
 - traditional resources
 - Internet resources,
 - computer assisted instruction
 - library automation



Resource-Based Learning

- Resource-based learning is a philosophy of education and a methodology for teaching and learning.
- With the rapid expansion of human knowledge in so many fields, school resource centres are unable to maintain relevant print material collections.
- Solution-Internet access to resources



ICT Learning Resources

- Electronic Instruction
- Research
- Databases
- Communication
- Multimedia
- Computer Assisted Learning



Non Instructional Uses of ICT

- Personal Productivity Tools
- Electronic Mail
- Instructional Information and Management Systems
- Computer managed instruction and online delivery environments
- Student information systems
- Financial and human resource systems

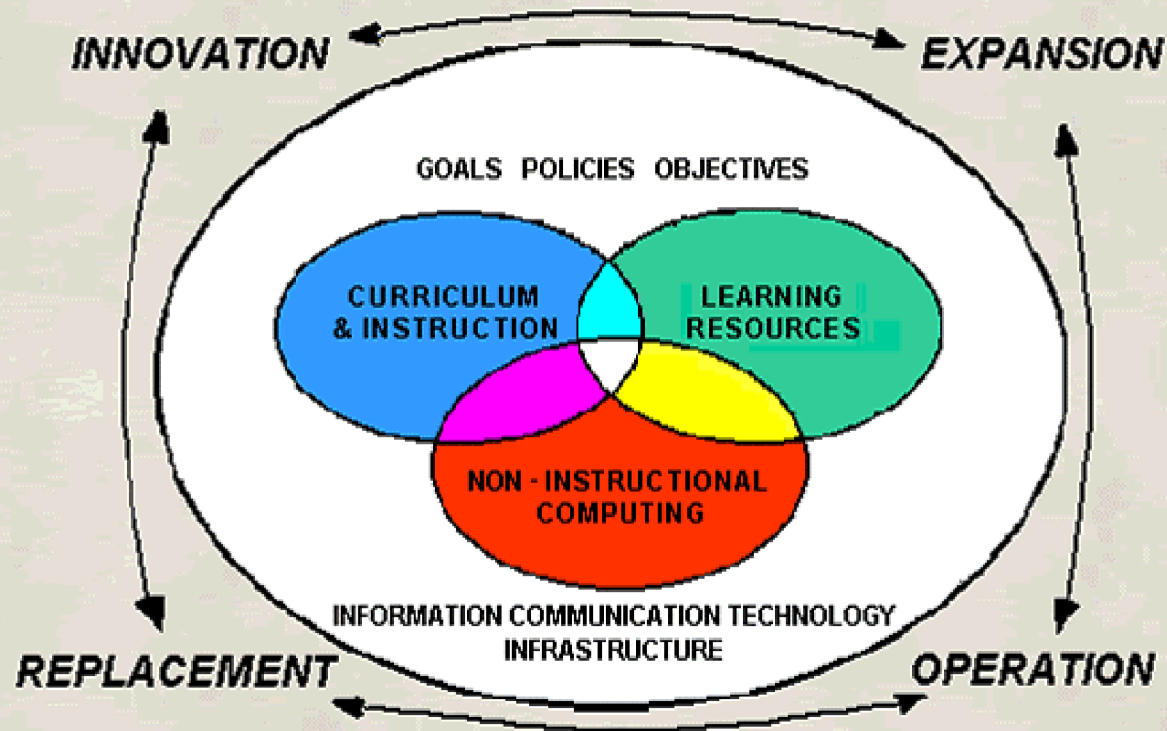


Non Instructional Uses of ICT

- Who is involved in Non-Instructional Computing:
- Teachers, Librarians, School Administrators, Local School Authorities, Government Authorities



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The Most Critical Components

- **PROFESSIONAL DEVELOPMENT**
- **PRESERVICE TRAINING**
- **TECHNICAL SUPPORT**
- **TECHNICAL TRAINING**