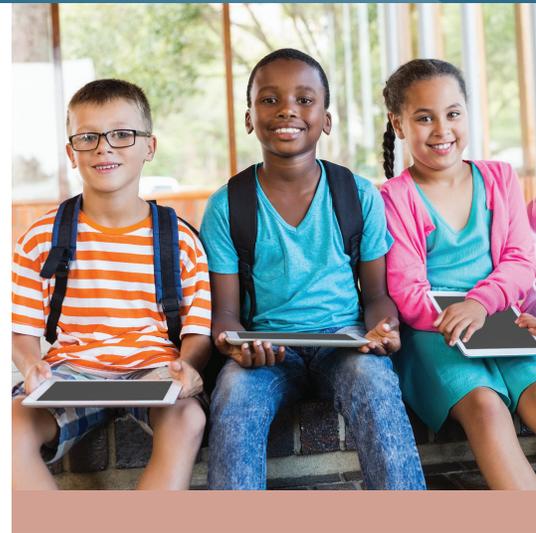


# Comprehensive Information Technology Blueprint for Education

## *Assessment, Upgrade, and Planning Services*



## **Aligning and Integrating Technology to Achieve Success!**

Using a nationally validated and proven planning model to:

- Increase student achievement
- Enhance staff productivity
- Improve parental involvement
- Build learning communities
- Provide personalized learning

*Aligning Leadership, Learning, and Technology for Nearly Three Decades*

# COMPREHENSIVE INFORMATION TECHNOLOGY BLUEPRINT FOR EDUCATION

## Why Assess, Upgrade, or Develop Your Learning Organization's Information Technology Blueprint?

The 21st century continues to be an exciting time for education – a time of great change and challenge! The pace and complexity of this evolution places enormous demands on educators at all levels. Information about students, faculty, instructional resources, and curriculum requires a comprehensive IT Blueprint to guide critical decisions. In a shared decision-making environment, teachers, principals, administrators, parents, and students need access to accurate and timely information. Well-designed and appropriately planned information technology systems assist decision makers in responding to increased demands for accountability and communication by various stakeholders.

A comprehensive Information Technology Blueprint enables a learning organization to cost-effectively optimize IT in support of contemporary education programs and the needs of staff and all learners.

## CELT's Information Technology Planning and Implementation Model

CELT's information technology planning and implementation model helps you and your learning organization to:

- Align education reforms with the evolving information technology.
- Follow CELT's proven planning process based on guidelines, benchmarks, and best practices.
- Engage stakeholders from throughout the entire learning organization and community to share ideas and participate in the planning process.
- Furnish detailed action plans with step-by-step tasks, a timeline, and related costs.



### HOW CAN CELT HELP YOU ACHIEVE YOUR STRATEGIC PLANNING AND EDUCATIONAL GOALS BY MORE EFFECTIVELY USING TECHNOLOGY?

**You select the delivery model that suits the needs and budget of your learning organization.**

- Low Cost Assessment
- Digital Planning Tools and Templates
- Local Workshop Series
- Online Collaboration and Support
- Onsite Professional Services
- Executive Briefing to Leadership Team



**Contact CELT so that we may custom design a program especially for you and your organization!**

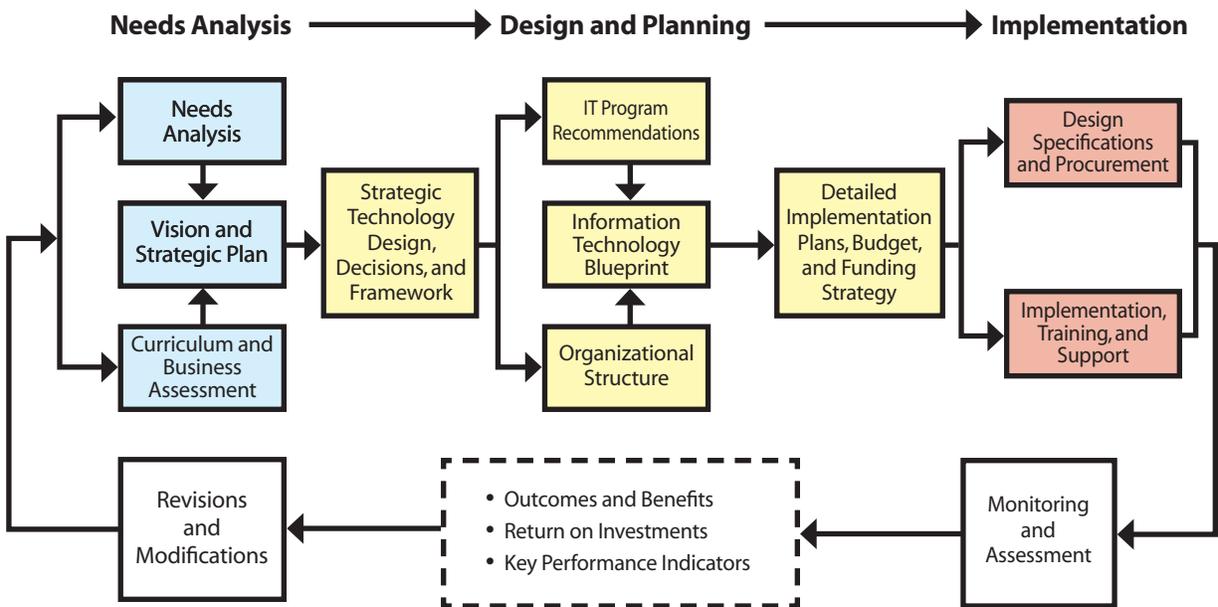
**508.624.4474**  
**[info@celt.org](mailto:info@celt.org)**

# COMPREHENSIVE INFORMATION TECHNOLOGY BLUEPRINT FOR EDUCATION

CELT's comprehensive information technology planning model delivers a blueprint for the digital infrastructure essential for both today's needs and tomorrow's challenges. While a building architect/engineer designs the physical infrastructure, an IT architect designs a robust digital learning infrastructure. Today both infrastructures are complex, costly, and require more than simply procuring the latest products, programs, and services. Planning and developing an IT Blueprint is a collaborative process that includes a thorough needs analysis, planning activities, solution design, procurement strategy, implementation timeline, and monitoring/assessment benchmarks. For technology to be truly effective in today's education system, it must be integrated into a rich learner-centered environment and made available anywhere and anytime.

CELT's research shows that education leaders have five expectations from their investments in digital resources and staff: (1) improve student achievement, (2) enhance staff productivity, (3) maximize operational effectiveness and efficiency, (4) comply with complex federal and state requirements, and (5) provide personalized/blended learning.

## CELT'S CONTINUOUS IMPROVEMENT MODEL\*



## Components of a Comprehensive Information Technology Blueprint

- Vision and Introduction
- Curriculum and Assessment Management
- Teaching and Learning Technologies
- Learning Environments and School Facilities
- IT Organizational Development and Staffing
- Staff Development and Human Resource Management
- Standards, Procurement, Maintenance, and Asset Management
- Policies, Procedures, Security, and Safety
- Program Planning and Project Management
- Administrative Systems and Decision Support
- Communications and Network Infrastructure
- School/Home Access and Community Participation
- IT Monitoring, Assessment, and Implementation Management
- Budget, Funding Sources, Lifecycle Planning, and Total Cost of Ownership

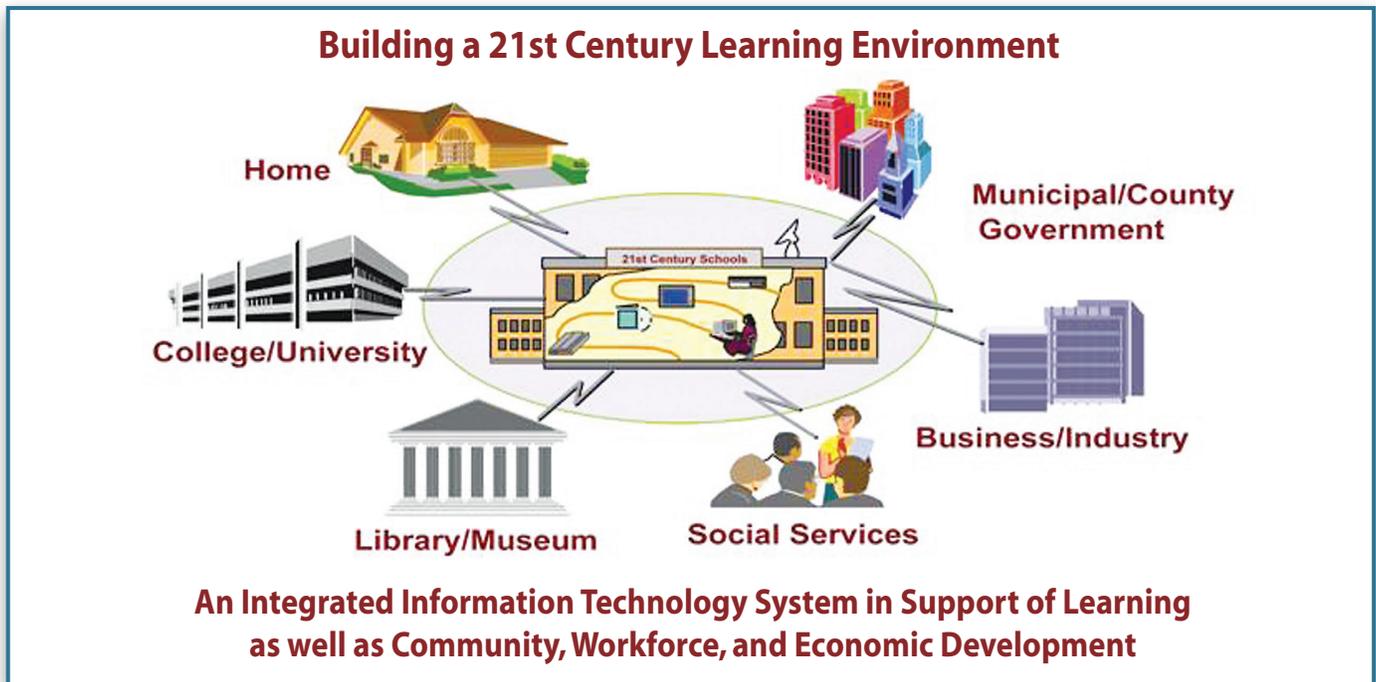
\* This continuous improvement model is nationally validated by the U.S. Department of Education.

*Plan the Work, Work the Plan!*

## A Comprehensive Information Technology Blueprint:

A comprehensive IT Blueprint will help you plan and design a new and complete information utility for your schools and community. In addition, it will:

- Help achieve high academic standards by all students.
- Develop students who are able to compete in an information-rich, global society and economy.
- Actively engage family and community members to become partners in improving student achievement.
- Facilitate recruitment, development, and retention of highly-qualified, diverse, and motivated staff.
- Eliminate the digital divide among teachers, students, home, and the community.
- Align instructional and business processes to strategic planning goals and administrative applications.



**About CELT...** For nearly three decades, CELT has helped align leadership, learning, and technology in support of improved student achievement by working collaboratively with educational organizations to support and transform teaching, learning, and administrative processes. CELT is one of the leading and most comprehensive providers of research, planning, and implementation services for public/private schools, education service agencies, and departments of education. CELT's purpose is to help learning organizations attain their vision, mission, and goals by integrating high-quality, mission-critical programs, services, and technology with the organization's people and processes in a timely, efficient, and cost-effective way.



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