



A National Content Center

Conceptual Framework for Innovations in Learning

CIL bases its understanding of innovations in learning on two learning levers: a science of innovation and personalized learning. An idea spawns a discovery that leads to an invention that, through innovation, is adapted or refined for specific uses or in particular contexts. An innovation replaces the standard product, program, practice, or process with something better, thus creating a new standard.

CIL has organized a staff with experience in providing assistance to RCCs and SEAs—staff who are also knowledgeable in the latest research-based information on innovations in learning. Through a process of communication, collaboration, networking of experts, and development of research-based tools and publications, CIL will provide assistance to RCCs and the SEAs they represent on topics related to:

- **Science of Innovation:** Improvement is the incremental process of bringing actual practice closer to conventional best practice. Transformation is a dramatic repurposing of the school. Innovation is the discovery of new and better ways of doing things. Innovation replaces best (standard) practice with better practice, setting new practice standards. This area is further broken down between change leadership and change process (improvement, innovation, and transformation).
- **Personalized Learning:** Personalized learning refers to a teacher's relationships with students and their families; the use of multiple instructional modes to scaffold each student's learning; enhancing the student's motivation to learn as well as enhancing metacognitive, social, and emotional competencies to foster self-direction and achieve mastery of knowledge and skills. Personalization ensues from the relationships among teachers and learners and the teacher's orchestration, often in co-design with students, of multiple means for enhancing every aspect of each student's learning and development. Personalized learning varies the time, place, and pace of learning for each student, enlists the student in the creation of learning pathways, and utilizes technology to manage and document the learning process and access rich sources of information.
- **Learning Technologies:** The amount of information technology and connectivity bring to educators and students is immense, but the same technology provides new tools to sort, filter, select, organize, and display information, thereby offering access to suitable and useable interventions, content, resources, and learning opportunities everywhere at any time.
- **Competency-Based Education:** This area includes personal competencies (cognitive, metacognitive, motivational, and social-emotional), academic competencies (which include the clusters of knowledge and skill in academic areas, associated with the school curriculum and commonly measured against content standards), and career/occupational competencies (clusters of knowledge and skill related to the world of work, even if they are acquired largely through schooling and are commonly defined and measured within the school setting).

CIL GOALS

CIL has as its goals (a) increasing the capacity of state education agencies (SEAs) to stimulate, select, implement, and scale up learning innovations in local education agencies (LEAs) and schools to improve learning outcomes for all students; and (b) increasing the capacity of regional comprehensive centers (RCCs) to provide technical assistance to SEAs relative to the CIL's scope of responsibility.

CIL OBJECTIVES

Objective 1: Stimulate learning innovation through SEA policies, structures, and programs that encourage and incentivize the development of learning innovations in the SEA, LEAs, and schools.

Objective 2: Select learning innovation by applying criteria and processes for the SEA, LEAs, and schools to identify innovations in learning and make decisions about their adoption.

Objective 3: Implement learning innovation through planning and performance management methods and tools at the SEA, LEA, and school levels that guide implementation and ensure sustainability.

Objective 4: Scale up learning innovation through multi-faceted dissemination and technology.

CIL STRATEGIES

Operational Strategies

Strategy 1: Need. Determine expressed and anticipated SEA need to provide content and technical assistance to RCCs and SEAs that is timely and effective

Strategy 2: Evaluation. Evaluate services and outcomes to improve the center's effectiveness in meeting the needs of RCCs and SEAs relative to the center's scope

Strategy 3: Efficiency & Effectiveness. Operate with efficiency and effectiveness to ensure the center's maximum productivity in fulfilling its purposes

Content Strategies

Strategy 4: Information. Provide useful, relevant, high-quality information that meets the needs of RCCs and SEAs relative to the center's scope of responsibility

Strategy 5: Collaboration. Provide forums for SEAs and RCCs to share challenges and solutions for stimulating, selecting, implementing, and scaling-up innovations in learning

Strategy 6: Tools. Identify and develop tools to facilitate the implementation and scaling-up of learning innovations in LEAs and schools

Strategy 7: Training & Implementation Support. Provide training and implementation support for RCCs and SEAs to stimulate, select, implement, and scale up learning innovations

CIL Products and Services

Information & Communication

Research synthesis

Practice guides

Web-based modules

Handbooks

"State of Innovation" website
with a database of identified
learning innovations

Solution-finding reports

Monthly E-newsletter

Monthly needs census
with designated RCC liaisons

EdShelf

Collaboration

Indistar support

League of Innovators

Administer topic-focused
communities of practice

Personalized Learning Academy

Personalized Learning Institute

Annual "Conversations
with Innovators" Event

Tools & Training

Develop a criteria-driven,
web-based tool to identify
learning innovations

Interactive web-based
modules and webinars

Implementing, managing, and
sustaining of innovations
through Indistar

Personalized Learning Academy

Personalized Learning Institute

INNOpods

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