

Education 3.0 Leading Indicator Workshop

INTRODUCTION

Across the globe, education is in transition. Educators and policymakers have come to realize that approaches that have worked well for decades will no longer serve to prepare young people for the challenges ahead. Driven by dramatic changes in business and industry and rapid advances in technology, education systems must evolve into very different institutions, aligned more closely to the demands of the 21st century.

What does a 21st century education system look like? It needs to embody values of diversity and collaboration as well as encourage innovation. It needs to enable students to be active participants in defining, pursuing, and assessing their own learning so that they can develop the skills and habits of mind of independent thinkers and lifelong learners. And it needs to effectively integrate technology into every aspect of the education system, from ubiquitous tools for learning in new ways to physical infrastructure and communication systems that engage families and communities in the education process.

Cisco Global Education has articulated a vision for a 21st century education system, Education 3.0, and enlisted Education Development Center to develop a set of Leading Indicators to help schools assess themselves against the 3.0 vision. The Education 3.0 Leading Indicators Workshop is designed to help schools and districts explore their capacity to provide a rigorous, cutting-edge education to their students.

The Education 3.0 Leading Indicators

The Education 3.0 Leading Indicators draw on the best available thinking on the directions that education needs to pursue, including the latest education research on 21st century learning, school reform, teacher professional development, information and communication technology (ICT) literacy, education leadership, and technology integration.

The Leading Indicators are divided into four categories, or Pillars:

1. 21st Century Curriculum, Pedagogy, and Assessment,
2. High-Quality Infrastructure and Technology,

3. Adapted System Reform, and
4. Leadership, People, and Culture.

21st Century Curriculum, Pedagogy, and Assessment

At the core of the education enterprise is the adoption of 21st century curriculum, pedagogy, and assessment. In an Education 3.0 system, all stakeholders have a role in promoting student-centered and personalized learning. There is a 21st century curriculum in place that addresses the full range of knowledge and competencies that students need in order to prosper in a global world economy. A system-wide pedagogy agenda emphasizes adopting and improving best practices from around the world and constantly seeks emerging practices. Finally, formative and summative assessment techniques are consistently employed to improve learning and to gain a full insight into the abilities of each and every student.

High-Quality Infrastructure and Technology

In an Education 3.0 system, the educational technology vision is led from the top but shared, owned, and effectively managed by educators throughout the system. A high standard of technology is deployed effectively to support 21st century teaching and learning. Initial training and ongoing support integrate technology with pedagogical development. The physical environment is designed to optimize 21st century teaching and learning.

Adapted System Reform-Governance

A 3.0 education system is governed and managed with the ultimate goal of maximizing learning outcomes for all students. There are transparent processes in place to communicate and implement decisions, develop and monitor curriculum, sustain the budget, and procure resources. Additionally, policies and procedures are implemented to enable these education institutions to use data to drive school standards and accountability while stimulating and managing innovation. Finally, schools learning is recognized as embedded within and dependent on an ecosystem of partners that support learning and/or provide other essential children's services (e.g., health, social services).

Leadership, People, and Culture

The entire system is a learning organization with a supportive culture that promotes ambitious and innovative approaches to teaching and learning. Leaders throughout the system champion and model the 3.0 educational vision and work with well-trained and -supported teachers. Emphasis is placed on the recruitment and retention of both school directors (Heads) and teachers through carefully designed outreach efforts and training programs. An Education 3.0 system explicitly promotes a culture of high expectations, respect, collaboration, and shared accountability.

Education 3.0 Leading Indicator Workshop

The Diagnostic survey provides an excellent foundation around which to build a workshop so that an education system can assess their status along the continuum from Education 1.0 to 3.0 in all areas of operation. A workshop approach can provide a forum for assessing the existence of key indicators (evidence) as well as provide a forum for discussion about misalignment between and within the pillars. The workshop results can become the foundation for setting priorities for change and serve as the beginning of a plan.

Goals of the Workshop – System View

The Workshop brings together a ‘diagonal slice’ of stakeholders from an education system/network of schools who spend several hours over three days to assess their system and develop an education and technology action plan with a trained facilitator. A ‘diagonal slice’ includes representatives from all levels of stakeholders and all functions relevant to the workshop (Minister of Education, Instructional Leaders, Technology Leaders, Key faculty, and Community leaders).

The goals for the workshop include:

- Creates view of status of where a potential education system –network of schools- stands in relation to Education 3.0 ideals in each of the four Education 3.0 Framework pillars
- Identify areas of misalignment between the stakeholders at the workshop
- Identify areas of misalignment between/or within pillars
- Identify areas of strength and weakness in a particular pillar or components

- Provide a forum for learning about Education 3.0
- Create a foundation assessment for a transformation plan
- Use as the initial event when bringing a variety of stakeholders together for a vision, strategy workshop.
- Use as a basis for a more formalized and workshop process
- Use as an ongoing assessment and strategy development process

Contact for More Information

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