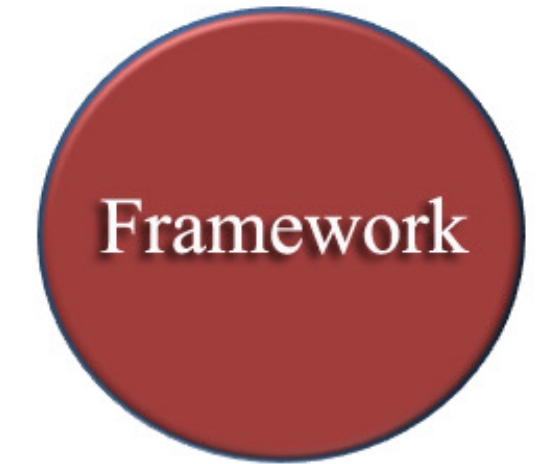


KNOWLEDGE BUILDING INTERNATIONAL PROJECT

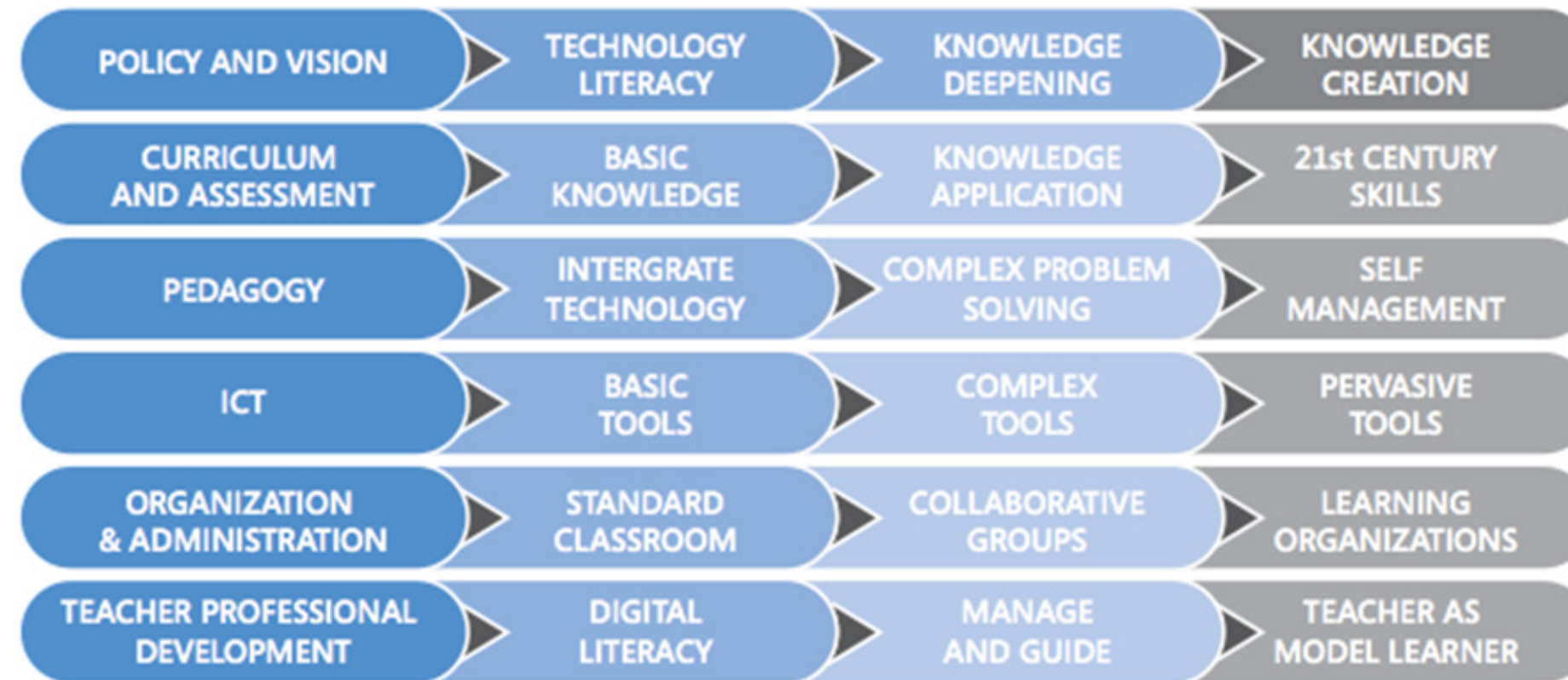
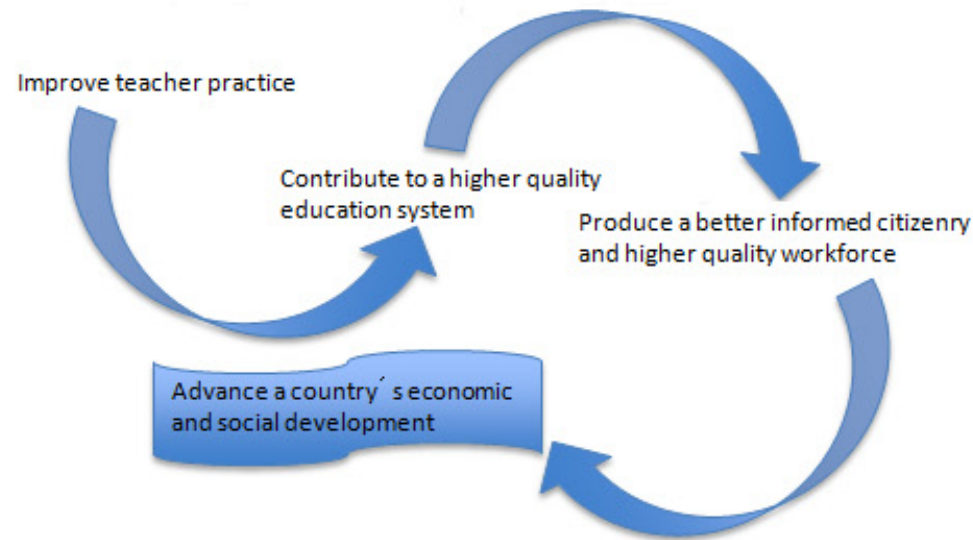
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In order to live, learn and work successfully in an increasingly complex, information-rich and knowledge-based society, students and teachers must utilize technology effectively. Through the ongoing and effective use of technology in the schooling process, students have the opportunity to acquire important capabilities and skills. The key individual in helping students develop those capabilities is the classroom teacher, responsible for establishing the classroom environment and preparing the learning opportunities that facilitate students' use of technology to learn and communicate.*

Knowledge Building provides a sound education setting where teachers act as facilitators to enable students to use technology to become better information seekers, analysts, problem-solvers and communicators.

"ICT Competency Framework for Teachers" (ICT-CFT) Project



Knowledge Building adheres to guidelines set forth by UNESCO that establish ICT Competency Standards for Teachers, qualifications that allow teachers to integrate ICT into their teaching and learning while advancing student learning.

- increase the technological uptake of the workforce by incorporating technology skills in the curriculum — or the **technology literacy approach**;
- increase the ability of the workforce to use knowledge to add value to economic output by applying it to solve complex, real-world problems — or the **knowledge deepening approach**.
- increase the ability of the workforce to innovate and produce new knowledge and of citizens to benefit from this new knowledge — or the **knowledge creation approach**.

The goal of UNESCO's "ICT Competency Framework for Teachers" (ICT-CFT) project is to improve teachers' practice. However, the Framework do not merely focus on ICT skills. By combining ICT skills with emergent views in pedagogy, curriculum, and school organization, the framework is designed for the professional development of teachers who want to use ICT skills and resources to improve their teaching, collaborate with colleagues, and perhaps ultimately become innovation leaders in their institutions. The overall objective of the project is to improve teacher practice in a way that contributes to a higher quality education system that can, in turn, produce a better informed citizenry and higher quality workforce that can, as a result, advance a country's economic and social development.

* United Nations Educational, Scientific and Cultural Organization, ICT Competency Standards for Teachers, 2008