

Essential Conditions

Necessary conditions to effectively leverage technology for learning

Shared Vision Proactive leadership in developing a shared vision for educational technology among all education stakeholders including teachers and support staff, school and district administrators, teacher educators, students, parents, and the community

Empowered Leaders Stakeholders at every level empowered to be leaders in effecting change

Implementation Planning A systemic plan aligned with a shared vision for school effectiveness and student learning through the infusion of information and communication technologies (ICT) and digital learning resources

Consistent and Adequate Funding Ongoing funding to support technology infrastructure, personnel, digital resources, and staff development

Equitable Access Robust and reliable access to current and emerging technologies and digital resources, with connectivity for all students, teachers, staff, and school leaders

Skilled Personnel Educators, support staff, and other leaders skilled in the selection and effective use of appropriate ICT resources

Ongoing Professional Learning Technology-related professional learning plans and opportunities with dedicated time to practice and share ideas

Technical Support Consistent and reliable assistance for maintaining, renewing, and using ICT and digital learning resources

Curriculum Framework Content standards and related digital curriculum resources that are aligned with and support digital-age learning and work

Student-Centered Learning Planning, teaching, and assessment center around the needs and abilities of students

Assessment and Evaluation Continuous assessment, both of learning and for learning, and evaluation of the use of ICT and digital resources

Engaged Communities Partnerships and collaboration within communities to support and fund the use of ICT and digital learning resources

Support Policies Policies, financial plans, accountability measures, and incentive structures to support the use of ICT and other digital resources for learning and in district school operations

Supportive External Context Policies and initiatives at the national, regional, and local levels to support schools and teacher preparation programs in the effective implementation of technology for achieving curriculum and learning technology (ICT) standards