



NETS – Students, Teachers & Administrator Standards - Overview

FSM Technology Plan for Grades K – 12

National Workshop

March 22 – 24, 2010

FSM China Friendship Sports Center (Pohnpei)

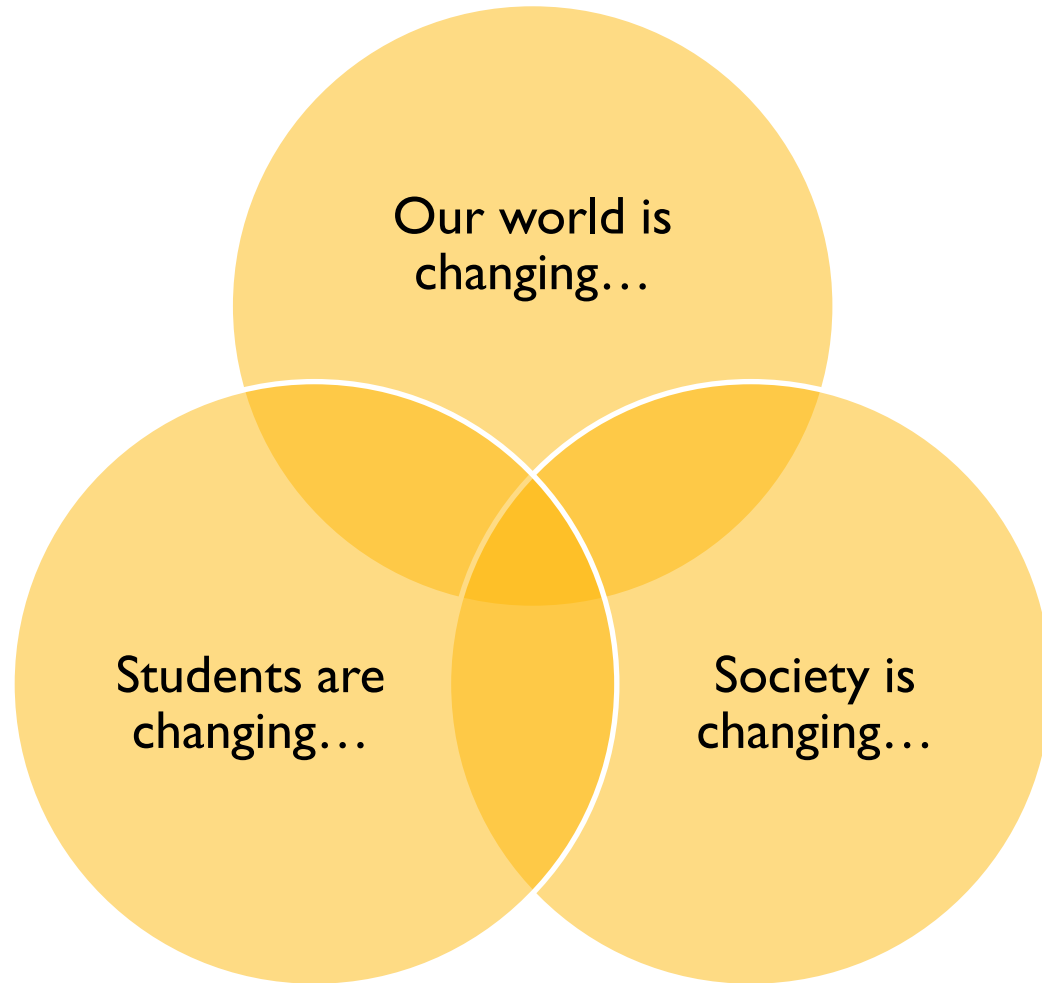
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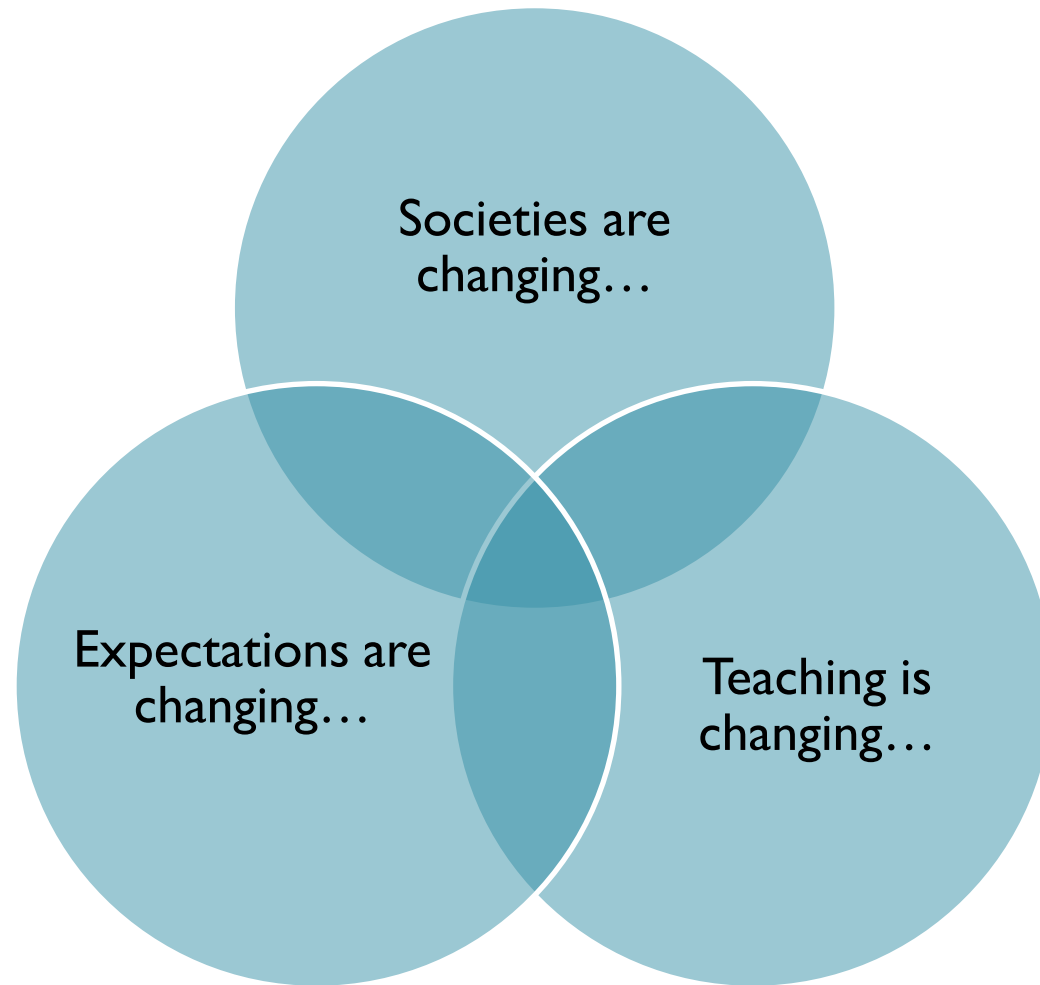
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- http://www.iste.org/Content/NavigationMenu/NETS/ForStudents/2007Standards/NETS_for_Students_2007.htm
- NETS.T:
- http://www.iste.org/Content/NavigationMenu/NETS/ForTeachers/2008Standards/NETS_for_Teachers_2008.htm
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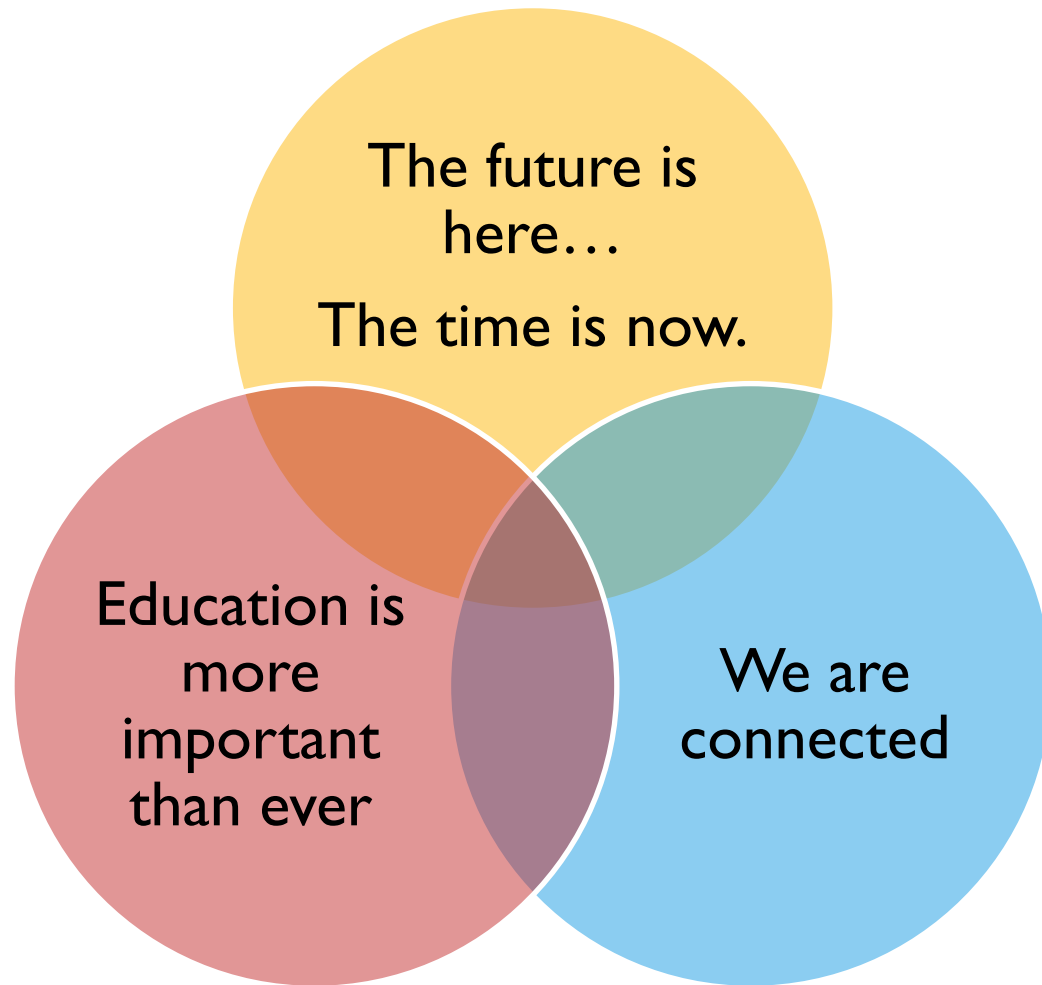
Technology Use is not Enough



Education must change




Educators must lead




Sources

- International Society for Technology in Education (ISTE) www.iste.org
- National Educational Technology Standards (NETS) (2nd editions 2007, 2008 & 2009)
 - NETS – S (Student standards)
 - NETS – T (Teacher standards)
 - NETS – A (Administrator standards)

Transformation of Learning Environments

Traditional Environments 	Emerging Learning Landscape
Teacher-directed, memory-focused instruction	Student-centered, performance focused learning
Lockstep, prescribed-path progression	Flexible progression with multipath options
Limited media, single-sense stimulation	Media-rich, multisensory stimulation
Knowledge from limited, authoritative sources	Learner-constructed knowledge from multiple information sources and experiences
Isolated work on invented exercises	Collaborative work on authentic, real-world projects
Mastery of fixed content and specified processes	Student engagement in definition, design, and management of projects

Transformation of Learning Environments

Traditional Environments 	Emerging Learning Landscape
Factual, literal thinking for competence	Creative thinking for innovation and original solutions
In-school expertise, content, and activities	Global expertise, information, and learning experiences
Stand-alone communication and information tools	Converging information and communication tools
Traditional literacy and communication tools	Digital literacies and communication skills
Primary focus on school and local community	Expanded focus including digital global citizenship
Isolated assessment of learning	Integrated assessment for learning

Essential Conditions

Necessary conditions to effectively leverage technology for learning

Shared vision	Proactive leadership in developing a shared vision for educational technology	Skilled personnel	Educators, support staff, and other leaders skilled in the selection and effective use of appropriate ICT resources
Empowered leaders	Stakeholders at every level empowered to be leaders in effecting change	Ongoing professional learning	Technology-related professional learning plans and opportunities with dedicated time to practice and share ideas
Implementation planning	A systemic plan aligned with a shared vision for school effectiveness and student learning through infusion of information and communication technologies	Technical support	Consistent and reliable assistance for maintaining, renewing, and using ICT and digital learning resources
Consistent and adequate funding	Ongoing funding to support technology infrastructure, personnel, digital resources, and staff development	Curriculum framework	Content standards and related digital curriculum resources that are aligned with and support digital-age learning and work
Equitable access	Robust and reliable access to current and emerging technologies and digital resources, with connectivity for all students, teachers, staff and school leaders	Student-Centered learning	Planning, teaching and assessment centered around the needs and abilities of students

Essential Conditions

Necessary conditions to effectively leverage technology for learning

Assessment & evaluation

Continuous assessment of teaching, learning, and leadership, 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

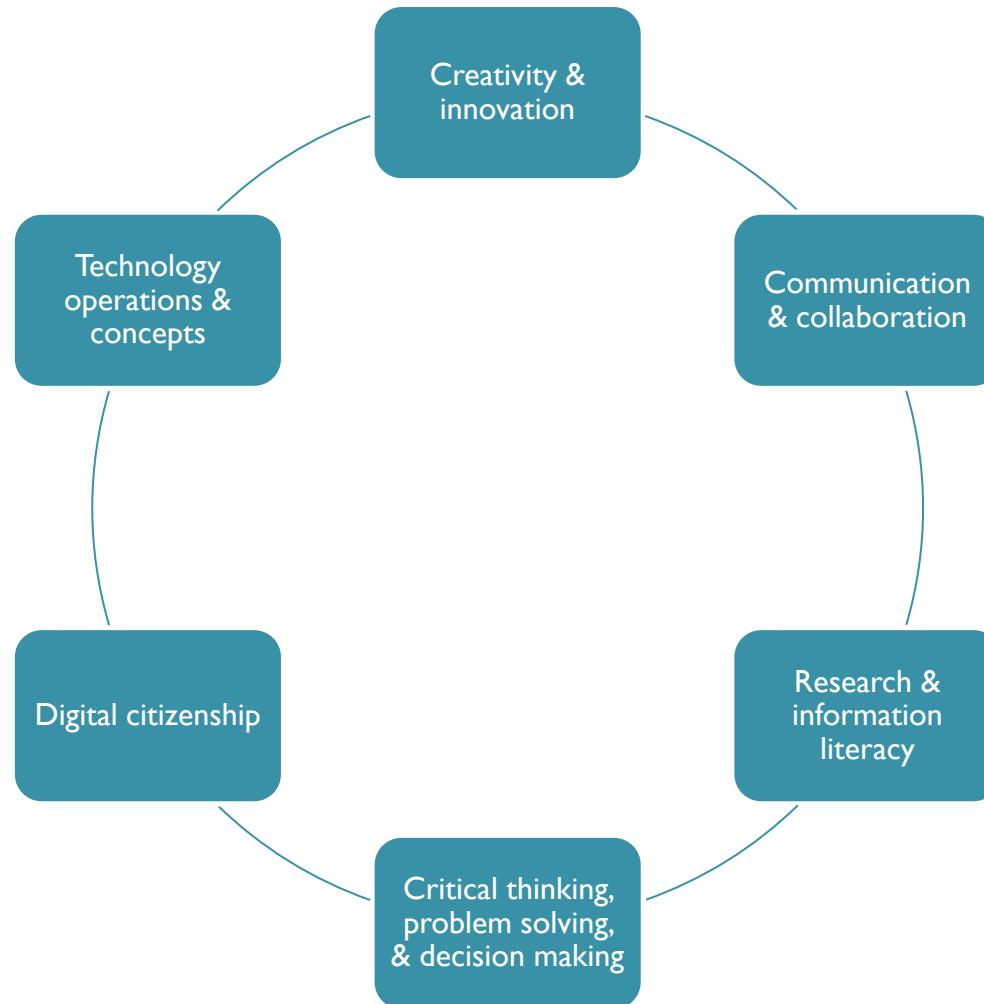
Support policies

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

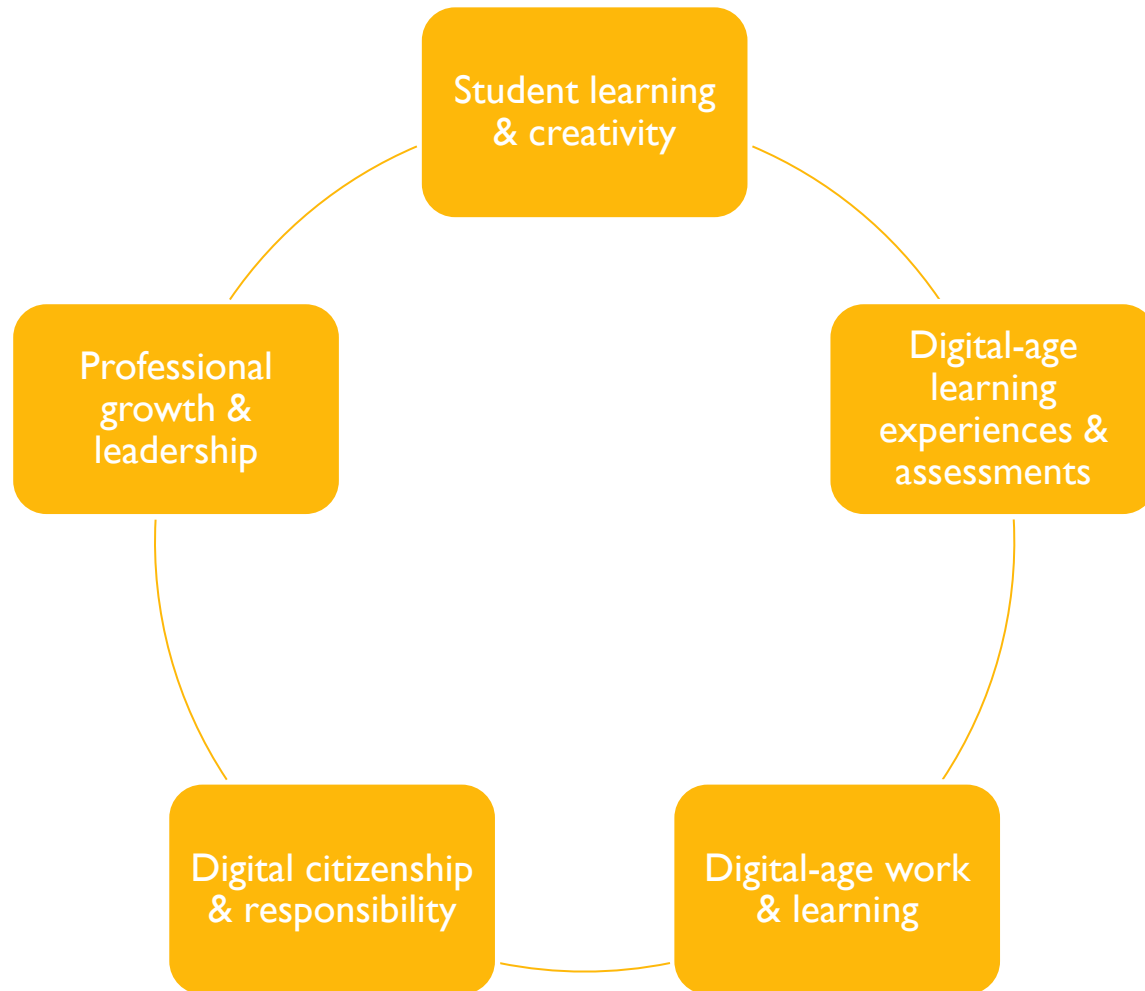
Supportive external context

Policies and initiative 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 standards

ISTE's Educational Technology Standards for Students



ISTE's Educational Technology Standards for Teachers



ISTE's Educational Technology Standards for Administrators/principals

