

CORRELATION OF THE ISTE AND CALIFORNIA TECHNOLOGY STANDARDS FOR TEACHERS: A DRAFT DOCUMENT

Permission is granted to duplicate and use this document for educational purposes with one caveat: Please forward your thoughts for improvement and stories of how you plan to use or have used the correlation to support teacher professional development to: redmond@mac.com Thank you for your cooperation and contribution to the body of knowledge regarding use of these standards Pamela Redmond CEAP and ISTE NETS writing team member, CUE TEC SIG, P.O. Box 141, Mill Valley, CA 94942

CA Technology Standard Factors to Consider http://www.ctc.ca.gov/ceap/technology_pamphlet.pdf	ISTE NETS for Teachers: Standards http://cnets.iste.org/pdf/page08.pdf																						
	Operations Concepts		Planning & Designing Learning Environments and Experiences					Teaching, Learning and the Curriculum				Assessment and Evaluation			Productivity and Professional Practice				Social, Ethical, Legal and Human Issues				
	I A	I B	II A	II B	II C	II D	II E	III A	III B	III C	III D	IV A	IV B	IV C	V A	V B	V C	V D	VI A	VI B	VI C	VI D	VI E
Level I: Preliminary Credential																							
Each Candidate:																							
Demonstrates knowledge of current basic hardware and software terms																							
Demonstrates competency in the operation and care of hardware																							
Implements basic troubleshooting techniques for computer systems and peripherals																							
Demonstrates knowledge and understanding of legal and ethical issues concerned with the use of computer-based technology																							
Demonstrates knowledge and understanding of the appropriate use of computer-based technology in teaching and learning																							
Uses computer applications to manage records																							
Uses computers to communicate through printed media																							
Interacts with others using email																							
Is familiar with a variety of computer-based collaborative tools																							
Examines a variety of current educational digital media and uses established selection criteria to evaluate materials																							
Chooses software for its relevance, effectiveness, alignment content standards, and value added to student learning																							
Demonstrates competence in the use of electronic research tools																							
Demonstrates the ability to assess authenticity, reliability, and bias of the data gathered																							
Identifies student learning styles and determines appropriate technological resources to improve learning																							
Considers the content to be taught and selects the best technological resources to support, manage, and enhance learning																							

Demonstrates an ability to create and maintain effective learning environments using computer-based technology																							
Analyzes best practices and research findings on the use of technology and designs lessons accordingly																							
Demonstrates knowledge of copyright issues																							
Demonstrates knowledge of privacy, security, and safety issues																							
LEVEL II - Professional (Clear)																							
Each Candidate:																							
Uses a computer application to manipulate and analyze data																							
Communicates through a variety of electronic media																							
Interacts and collaborates with others using computer-based collaborative tools																							
Demonstrates competence in evaluating authenticity, reliability and bias of data gathered. Determines outcomes and evaluates the success of effectiveness of the process used																							
Optimizes lessons based upon the technological resources available in the classroom, school library media centers, computer labs, district and county facilities and other locations																							
Designs, adapts and uses lessons which address the students' needs to develop information literacy and problem solving skills as tools for lifelong learning																							
Creates or makes use of learning environments inside the classroom as well as in library media centers or computer labs, that promote effective use of technology aligned with the curriculum.																							
Uses technology in lessons to increase each student's ability to plan, locate, evaluate, select and use information to solve problems and draw conclusions.																							
Uses technology as a tool for assessing student learning and for providing feedback to students and their parents.																							
Frequently monitors and reflects upon the results of using technology in instruction and adapts lessons accordingly																							
Collaborates with other teachers, mentors, librarians, resource specialists, and other experts to support technology-enhanced curriculum.																							