

## ISTE NETS for TEACHERS PRE and POST SURVEY



To live, learn, and work successfully in an increasingly complex and information rich society, students and teachers must use technology effectively. Prospective teachers must experience and observe effective uses of technology in professional preparation coursework. This survey captures what a K- 12 teacher should know and be able to achieve related to the 2008 National Educational Technology Standards and performance indicators.

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Please complete the survey below by selecting one of the choices (indicating your best estimate of your skill or knowledge level) about each of the technology related indicators. After completing the survey click on submit survey.

The following statements will benchmark your PRE and POST technology literacy knowledge prior to the TIF Tech training.

**Awareness:** Learners are exploring technology and developing foundational skills but have not developed sufficient expertise to use the skills in daily life.

**Literacy:** Learners continue to explore technology and have developed the skills enabling them to use technology when prompted.

**Integration:** Learners select and apply appropriate technology to successfully complete tasks.

**Leadership:** Learners share new knowledge through proactive modeling, peer coaching, and mentoring.



### **Facilitate and Inspire Student Learning and Creativity**

Teachers use their knowledge of subject matter, teaching and learning, and technology to facilitate experiences that advance student learning, creativity, and innovation in both face-to-face and virtual environments.

1. Promote, support, and model creative and innovative thinking and inventiveness
  - Awareness- I am aware but do not use this in my practice
  - Literacy- I am literate and integrate some of the indicators
  - Integration- I integrate this into my teaching
  - Leadership- I am able to teach others
  
2. Engage students in exploring real-world issues and solving authentic problems using digital tools and resources
  - Awareness- I am aware but do not use this in my practice
  - Literacy- I am literate and integrate some of the indicators
  - Integration- I integrate this into my teaching
  - Leadership- I am able to teach others
  
3. Promote student reflection using collaborative tools to reveal and clarify students' conceptual understanding and thinking, planning, and creative processes
  - Awareness- I am aware but do not use this in my practice
  - Literacy- I am literate and integrate some of the indicators
  - Integration- I integrate this into my teaching
  - Leadership- I am able to teach others
  
4. Model collaborative knowledge construction by engaging in learning with students, colleagues, and others in face-to-face and virtual environments
  - Awareness- I am aware but do not use this in my practice
  - Literacy- I am literate and integrate some of the indicators
  - Integration- I integrate this into my teaching
  - Leadership- I am able to teach others



### **Design and Develop Digital-Age Learning Experiences and Assessments**

Teachers design, develop, and evaluate authentic learning experiences and assessments incorporating contemporary tools and resources to maximize content learning in context and to develop the knowledge, skills, and attitudes identified in the NETS•S.

5. Design or adapt relevant learning experiences that incorporate digital tools and resources to promote student learning and creativity
  - Awareness- I am aware but do not use this in my practice
  - Literacy- I am literate and integrate some of the indicators
  - Integration- I integrate this into my teaching
  - Leadership- I am able to teach others
  
6. Develop technology-enriched learning environments that enable all students to pursue their individual curiosities and become active participants in setting their own educational goals, managing their own learning, and assessing their own progress
  - Awareness- I am aware but do not use this in my practice
  - Literacy- I am literate and integrate some of the indicators
  - Integration- I integrate this into my teaching
  - Leadership- I am able to teach others
  
7. Customize and personalize learning activities to address students' diverse learning styles, working strategies, and abilities using digital tools and resources
  - Awareness- I am aware but do not use this in my practice
  - Literacy- I am literate and integrate some of the indicators
  - Integration- I integrate this into my teaching
  - Leadership- I am able to teach others
  
8. Provide students with multiple and varied formative and summative assessments aligned with content and technology standards and use resulting data to inform learning and teaching
  - Awareness- I am aware but do not use this in my practice
  - Literacy- I am literate and integrate some of the indicators
  - Integration- I integrate this into my teaching
  - Leadership- I am able to teach others



### **Model Digital-Age Work and Learning**

Teachers exhibit knowledge, skills, and work processes representative of an innovative professional in a global and digital society.

- 9.** Demonstrate fluency in technology systems and the transfer of current knowledge to new technologies and situations
  - Awareness- I am aware but do not use this in my practice
  - Literacy- I am literate and integrate some of the indicators
  - Integration- I integrate this into my teaching
  - Leadership- I am able to teach others
  
- 10.** Collaborate with students, peers, parents, and community members using digital tools and resources to support student success and innovation
  - Awareness- I am aware but do not use this in my practice
  - Literacy- I am literate and integrate some of the indicators
  - Integration- I integrate this into my teaching
  - Leadership- I am able to teach others
  
- 11.** Communicate relevant information and ideas effectively to students, parents, and peers using a variety of digital-age media and formats
  - Awareness- I am aware but do not use this in my practice
  - Literacy- I am literate and integrate some of the indicators
  - Integration- I integrate this into my teaching
  - Leadership- I am able to teach others
  
- 12.** Model and facilitate effective use of current and emerging digital tools to locate, analyze, evaluate, and use information resources to support research and learning
  - Awareness- I am aware but do not use this in my practice
  - Literacy- I am literate and integrate some of the indicators
  - Integration- I integrate this into my teaching
  - Leadership- I am able to teach others



### **Promote and Model Digital Citizenship and Responsibility**

Teachers understand local and global societal issues and responsibilities in an evolving digital culture and exhibit legal and ethical behavior in their professional practices.

13. Advocate, model, and teach safe, legal, and ethical use of digital information and technology, including respect for copyright, intellectual property, and the appropriate documentation of sources
  - Awareness- I am aware but do not use this in my practice
  - Literacy- I am literate and integrate some of the indicators
  - Integration- I integrate this into my teaching
  - Leadership- I am able to teach others
  
14. Address the diverse needs of all learners by using learner-centered strategies and providing equitable access to appropriate digital tools and resources
  - Awareness- I am aware but do not use this in my practice
  - Literacy- I am literate and integrate some of the indicators
  - Integration- I integrate this into my teaching
  - Leadership- I am able to teach others
  
15. Promote and model digital etiquette and responsible social interactions related to the use of technology and information
  - Awareness- I am aware but do not use this in my practice
  - Literacy- I am literate and integrate some of the indicators
  - Integration- I integrate this into my teaching
  - Leadership- I am able to teach others
  
16. Develop and model cultural understanding and global awareness by engaging with colleagues and students of other cultures using digital-age communication and collaboration tools
  - Awareness- I am aware but do not use this in my practice
  - Literacy- I am literate and integrate some of the indicators
  - Integration- I integrate this into my teaching
  - Leadership- I am able to teach others



### **Engage in Professional Growth and Leadership**

Teachers continuously improve their professional practice, model lifelong learning, and exhibit leadership in their school and professional community by promoting and demonstrating the effective use of digital tools and resources.

17. Participate in local and global learning communities to explore creative applications of technology to improve student learning
  - Awareness- I am aware but do not use this in my practice
  - Literacy- I am literate and integrate some of the indicators
  - Integration- I integrate this into my teaching
  - Leadership- I am able to teach others
  
18. Exhibit leadership by demonstrating a vision of technology infusion, participating in shared decision making and community building, and developing the leadership and technology skills of others
  - Awareness- I am aware but do not use this in my practice
  - Literacy- I am literate and integrate some of the indicators
  - Integration- I integrate this into my teaching
  - Leadership- I am able to teach others
  
19. Evaluate and reflect on current research and professional practice on a regular basis to make effective use of existing and emerging digital tools and resources in support of student learning
  - Awareness- I am aware but do not use this in my practice
  - Literacy- I am literate and integrate some of the indicators
  - Integration- I integrate this into my teaching
  - Leadership- I am able to teach others
  
20. Contribute to the effectiveness, vitality, and self-renewal of the teaching profession and of their school and community
  - Awareness- I am aware but do not use this in my practice
  - Literacy- I am literate and integrate some of the indicators
  - Integration- I integrate this into my teaching
  - Leadership- I am able to teach others