



How Are You Incorporating the ISTE
Standards in your Educator
Preparation Program?



Senate Bill 1839

Education Code Section 21.044 states:

All educator preparation program (EPP) candidates are to receive instruction in digital learning, including digital literacy evaluation, and that learning is aligned with the International Society for Technology in Education (ISTE) Standards for Educators.

ISTE Standards for Educators



University of St. Thomas

New course - taught for first time in Spring 2020 - junior cohort

Hands-on

Projects/topics in course:

Digital Citizenship module

Developing tool to evaluate digital resources

Digital fabrication

Creation of green screen video

Professional Development

STEM/computational thinking

Augmented/virtual reality

Authoring tools

Trinity University (MAT Program)

Do not have a stand-alone, single course; components taught throughout the curriculum

Strongly considering requiring Google Certification (Level 1)

Piloting edTPA, which can address the last standard of Analyst

University of Houston-Clear Lake

Required course - Applications of Technology

Hands-on

Projects/topics in course:

The University of Texas at Tyler



ISTE Standards embedded in the undergraduate educational technology course and across the six graduate courses.

Project based courses:

*EDUC 4321: Integrating Technology into the Classroom

EDCI 5334 - Learning Technologies & Disabilities

EDUC 5333 - Innovation, Science, and Technology Applications

EDUC 5351 - Assessment in Educational Settings

EDUC 5359 - Educational Technology

EDUC 5335- Current Trends in Educational Technology

EDCI 5332: Instructional Design for Effective Learning Environments



Examples of Incorporating Standards

- Pre and Post Evaluation
- Student Identification of Standards (Projects, ePortfolio)



Since I will be a reading teacher the idea of this word cloud is to be able to work with the students and their reading strategies. I would use this at the beginning of the lesson when students are learning about the different reading strategies. Mostly I would start with a few, discuss with them the meaning and as we move through different units keep adding more vocabulary words to the word cloud. This would be perfect so that students do not forget about all the types of reading strategies that there is when they are reading independently. The article that I read did mention to use directed paraphrase, so each morning I can ask the students to paraphrase the meaning of one of our words from the previous day and see the concept that they grasped.

The ISTE standard that would go with this activity is (6C) because the students will be using this type of visual in order to communicate complex ideas. They will be discussing the different types of vocabulary and discussing as a whole class what type of reading strategies should be used when reading different types of stories.



Assessment Examples



[UT TYLER's ISTE Standard Based Assessment](#)

[Trinity University's Pre-Assessment of ISTE Stds](#)



Texas Wesleyan

SCHOOL OF EDUCATION

- Required course for EC-6 Generalist, EC-6 Bilingual, Secondary, All Level Education Students
- Course design is based on:
 - ISTE standards
 - TEKS
 - PPR
 - Technology used by local school districts
- Hands-on activities
- [Course Schedule](#)



ISTE Standards Example Assignments



Validating Outcomes: Reducing Inflated Prescores

- If teacher education programs are to ensure teachers candidates are proficient in technology use it is essential there are valid and reliable assessments in place.
- Teacher candidates often inflate their abilities based on a lack of knowledge or expertise (Dunning, Johnson, Ehrlinger, & Kruger, 2003; Kruger & Dunning, 1999) or it is a case of *“they do not know what they do not know”*.
- “ Retrospective pre-tests appeared to control for response-shift bias and may be a cost-effective way to evaluate trainee change” (Thomas et al, 2018, p.191)

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