TeachME Professional Development

Promoting Educational Technology in Teacher Preparation

Challenges

1. Many pre-service teacher graduates feel unprepared to use technology effectively on their first day of in-service teaching, so districts and schools have tried to address this by providing rapid technology remediation to their newest teachers.

A. True
B. False

DEFINING TPACK

2. TPACK is a framework that provides educators with a model to determine how their knowledge based in three specific areas intersects to effectively use technology to support student learning. ALL of the following are components of TPACK EXCEPT:

A. Pedagogical Knowledge
B. Content Knowledge
C. Optimization Knowledge
D. Technological Knowledge

Guiding Principle # 4

3. In order to articulate expectations around effective use of technology by students, teacher, school and district systems, and at the university level, when referring to effective use of technology, to ensure rigor, quality, and preparedness of teachers, we need a:

A. Concrete set of strategies
B. Common language
C. Well-defined program
D. Structured array of standards

CALL TO ACTION

4. One recommendation from this brief pertaining to standards and accreditors is to plan for ongoing professional development for teacher preparation faculty and pre-/in-service teachers to maintain competencies in educational technology as the field advances, including:

A. Micro-credentialing
B. Pathways-credentialing
C. Macro-credentialing
D. Diversified-credentialing

Choosing the Best Opportunity/Opportunity 1: Improving Mastery of Academic Skills-What Would Help?

5. One suggestion for improving mastery of academic skills is to identify competencies through summative and informal assessments that are seamlessly embedded in the learning materials.

A. True
B. False

Opportunity 4: Planning for Future Education Opportunities

6. New tools and apps targeted at helping school counselors can increase both the reach and amount of support counselors can provide students, as many schools do not have an adequate number of counselors available to guide high school students.

A. True
B. False

Opportunity 8: Making Learning Accessible to All Students

7. What is one way for technology to increase the ability for students with differing needs to participate in the same learning activities as their peers?

A. Tools can personalize learning to adapt to a variety of learner needs, such as providing examples and visualizations to help a student understand difficult concepts
B. Apps can be created to address specific learning needs, such as providing a digital word-board to children who can't speak
C. Functionality can be added to all apps to make them accessible to students with diverse needs, such as the ability to have text read aloud
D. All of the above

Opportunity 10

8. The best educational technology products and resources are those that help teachers, involve parents, strengthen non-cognitive skills, target academic subjects, improve accessibility to help promote equal education opportunities for all students, and:

A. Are well-planned and student-centric
B. Promote active and adaptive learning
C. Encourage collaborative learning
D. Work to close gaps in achievement