



Teaching With Technology

What Is Secondary Education with an emphasis on Technology Applications?

Educators that use interactive discussions and hands-on approaches to help students learn and apply concepts in subjects such as science, mathematics, or English can be categorized as Secondary Educators with an emphasis on Technology Applications or . These types of Educators utilize technology to help students understand abstract concepts, solve problems, and develop critical thought processes. This allows

meeting the needs of different learning styles. For example, they teach the concepts of numbers or of addition and subtraction through a math application on the computer which every student can interactively participate and get the hands-on experience. This also helps in test situations the students can revert back to what they remember doing on the computer and use those skills on the test. Secondary Education with an emphasis on Technology Applications also in-

volves designing, developing and utilizing technological systems. Being able to answer and solve open-ended and problem based design activities. My major also includes cognitive, manipulative and effective learning strategies. In the business world my major allows me to apply technological knowledge and processes to real world experiences using up-to-date resources as well as enabling me to work individually as well as in a team to solve problems.

“Technology in Schools, Support it or Render it”

In this article technology in schools is discussed as an technological breakthrough. Working with technology can be described as working it out on your own. When working on a subject on the computer, you are allowing yourself to come up with your own solutions and

experience by trial by error. It was also discussed in contrast of being for technology in the school system the down side of it. The article approaches the idea of traditional learning methods versus a new way. As a future educator I believe that change is good. Every

student does not learn the same in order to prepare students for the real world we must keep with the times.

Complete Article Available at:
[http://www.mff.org/edtech/article.taf?
_function=detail&Content_uid1=106](http://www.mff.org/edtech/article.taf?_function=detail&Content_uid1=106)

**Huston-Tillotson
University**

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With a Degree in Secondary Education/Technology Applications I could be a....

Senior Web Designer-Minacs World Wide Inc.

Locations:Farmington Hills, MI

Training Manager-Intel Inc.

Location: Bangalore, IN

Teacher-Mastery Charter High School

Location:Philadelphia, PA

Technical Support-Houston Independent School District, Houston, Texas

Organizations

Texas Education Agency (TEA)
www.tea.state.tx.us

International Society for Technology in Education (ISTE)
www.iste.org

ISTE is a non-profit professional organization with a worldwide membership of leaders and potential leaders in educational technology.

Texas Computer Education Association (TEA) www.tcea.org

The Texas Computer Education Association is dedicated to the improvement of teaching and learning through the use of computer technology.

International Technology Education Association (ITEA)

www.itea.org

ITEA's mission is to advance technological capabilities for all people and to nurture and promote professionalism of those engaged in those pursuits.

"Technology in Secondary Teacher Education"

In this article written by, "The Journal" it represents the secondary educators community that incorporate technology in their lessons. Educators should search to find new innovative ways to drive students to learn. Learners in the new age should now be taught how to learn, search for information, sort it, create it, and report it in a collective meaning. This article

goes on further and explains that although many high schools have computer education many do not have up-to-date equipment. This dilemma makes the situation no different and handicaps teachers and in some cases making them teach without computers at all.

Curriculum Improvement lies on the teacher and the job. By implementing

different technologies into the curriculum expands the teachers professional development. Representations of using technologies effectively in the classroom replaces the discipline of using books and reading everyday. The computer gives the student a new way to view material and understand themselves. This complete article can be viewed online at: <http://www.thejournal.com/magazine/vault/>

Sources

http://www.mff.org/edtech/article.taf?function=detail&Content_uid1=106

<http://www.thejournal.com/magazine/vault/A3638.cfm>

http://www.mff.org/edtech/article.taf?function=detail&Content_uid1=280

Www.tea.state.tx.us

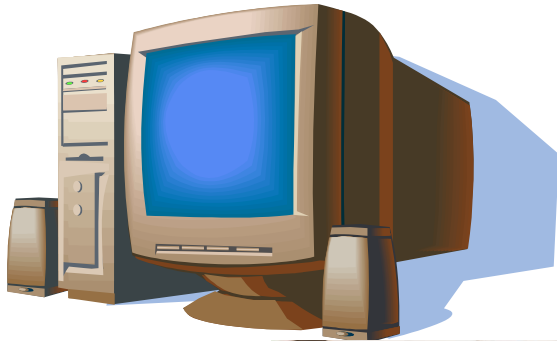
Www.iste.org

Www.itea.org

Www.tcea.org



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"A Discrepancy: Seven Dimensions for Gauging Process"

The Seven Dimensions that were discussed in this article are: A vision that will define expectations for the public investments k-12 learning technologies, a self-assessment that assists schools, districts and states in gauging their progress towards that vision, a planning tool for strategizing how to incorporate technology and telecommunication into education ways to improve learning, an accountability system to track the return of public investments, a research agenda that will help guide stud-

ies. This model is used for schools to see how they rate and how they stand regarding their technology in their school system. This quick analysis will help to put the school on the right track while getting a more in depth understanding their technology in their school system. This quick analysis will help to put the school on the right track while getting a more in depth understanding by receiving an on-site visit. Though this model is still under construction it can be used by teachers to under-

stand the importance of each component. This entire article can be viewed online at:

[http://www.mff.org/edtech/article.taf?
function=detail&Content_uid1=
280](http://www.mff.org/edtech/article.taf?function=detail&Content_uid1=280)