TED500 Portfolio

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Overview

This portfolio includes the integrated work using internet web searches in lessons based in the Microsoft office programs of Word, Powerpoint and Excel.

Discussion Board

I found that the discussion board topics were valuable to consider as I developed lesson plans to incorporate items such as web searches, social networking, managing technology in the classroom, and developing engaging lessons using Microsoft Office programs. My own personal objective as I created lessons for each of the programs was to incorporate the articles read and discussion themes.

Lessons

Each of the lessons includes a Lesson Plan which explains the discussion board theme that is integrated, the tools used for the lesson, the objective of the lesson including State and ISTE standards. Each lesson tried to incorporate as many of the techniques as possible that were demonstrated in the TED500 videos.

Standards

ISTE:

3: Students use productivity tools to collaborate in **constructing technology-enhanced models**, prepare publications, and produce other creative works.

5. Students use technology to **locate, evaluate, and collect information** from a variety of source

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Lesson Plan Title	Discussion Board Themes Considered	Tools or Techniques Used	Additional Notes
"Rock On" The Ever Changing	Choosing valid websites, Digital Divide, cost effectiveness of technology in schools.	TrackStar Web-quest Technique	It is important to also keep in mind when doing web-based lesson to know how accessible students are to the internet at home and in school.
"Using Facebook for Digital Story Telling"	Social Networking, Internet Safety, Web-searches and filtering,	Microsoft Word: forms, mail merge,	Integrating internet safety can be incorporated within lessons.
"Lewis and Clark: The Fantastic Journey"	Use of filters in schools can limit searches. Managing technology in the classroom, adapting learning centers, whiteboard presentations, powerpoint presentations	Microsoft Powerpoint for linear and non-linear presentations and as a directed learning tool. Websearches and powerpoint techniques can be integrated together.	Integrating self directed learning using powerpoints in addition to class presentations can be useful and can be a part of learning centers. Incorporating powerpoint instruction within the lesson can enhance the students' technology knowledge.
"Planetary Passport"	Using Excel in the classroom,	Excel databases for teacher management and for student learning. Excel can enhance skills of making comparisons, show relationships, make inferences and predictions, and visualize data.	Excel workbooks can be created by teachers to enhance lessons and units in the classroom. Excel can create databases, charts, graphs, timelines and has the ability to include weblinks,

Web Resources

http://www.sciencekids.co.nz/sciencefacts/planets.html

http://kids.nineplanets.org/

http://starchild.gsfc.nasa.gov/docs/StarChild/solar_system_level1/planets.html

http://www.KidsGeo.com/

http://athena.cornell.edu/reference/timeline.html

http://www.apollosaturn.com/

http://www.lessonplanspage.com/205ura-html

http://www.enchantedlearning.com/subjects/astronomy/weight.shtml