

Instructional Materials Overview

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Capstone: Practical Application of Instructional Design- EIDT 6190

September 28, 2011

Instructional Overview of Materials

I have worked for the Jackson County School System for the past 22 years. The last 12 years I have worked in Instructional Technology at the elementary, middle and high school level. Currently, I'm at East Jackson High School. My school system is in the final phase of implementing interactive white boards in all the schools in the district. The high schools were the last schools to have this new technology installed and this has created a need for teachers at East Jackson High School to be trained on this new technology. The current students at East Jackson High School have had the opportunity to interact with this technology at the middle school level. Unfortunately, the teachers don't have the skills or experience with the technology and this has presented the current problem. As the instructional technology specialist at the high school it is my task to implement a training program that will assist and provide the teachers with the needed skills to use and create interactive lessons using the Smart interactive board.

Instructional Materials Overview

“Instruction does not need to be dry and pedantic” but should be “exciting and interesting” to the learner (Morrison, Ross, Kalman & Kemp, 2011, p.204). This face-to-face instructional module will be presented using the Smart board notebook software. This software is used with the Smart interactive boards the

teachers have in their classrooms. It allows the teachers to create exciting and interactive lessons that will assist in engaging the students in the classroom activity. Session 1 of the training will focus on the hardware connection, basic operation of the Smart board, and Smart tools available with the Smart software installation. Session 2 will focus on the Smart Notebook application and the tools used when creating a Smart Notebook file. Session 2 will also incorporate showing teachers how to use their existing word and PowerPoint documents. The Smart Notebooks can be extracted from the compressed file titled *East Jackson Smart Notebook Files*. A Smart board web page will also be created for teachers to refer back to after they attend the training.

The East Jackson Smart board instructional module will be presented in a face-to-face group setting. The group will not exceed 20 learners in one setting. The face-to-face group setting better meets the needs of my learners at East Jackson High School. The group setting also provides me with a chance to interact with each learner and to provide him or her instant feedback if there are questions. “In the group presentation the instructor tells, shows, demonstrates, dramatizes or otherwise disseminates subject content to a group of learners” (Morrison et al, 2011, p. 220). Presenting the instructional module in a group setting will accomplish the following learning objectives (Morrison et al, 2011, p.221):

- Lecture format is familiar and conventionally acceptable to both instructor and learners. This format is the most common form of instructional delivery.
- Group presentations allows for a large number of learners to be served at one time.
- As the instructional needs change, the presentation can be modified easily before and during the delivery. Group presentation also allows for easy adaptation of learner needs.

The face-to-face group presentation is also used in specific situations with learners for the following reasons (Morrison et al, 2011, p. 222):

- Introduction, overview, or orientation to a new topic.
- To create interest for a subject or topic.
- To provide opportunities for learners to make their own presentations.
- To teach a large group of learners in a highly economical manner.

Storyboard

A story board gives the client an idea of what the end product will look like.

The storyboard describes and presents the flow of events in the instructional module (Pratibha, 2011). You can view the East Jackson Smart board storyboard by selecting the pdf file titled *East Jackson Smart Board Storyboard* in the PDF portfolio titled CP3_TynerT. It is also listed on the web page titled *Presentation Module for Capstone* found at <http://terrytyner.wordpress.com/presentation-module-for-capstone> .

Presentation Module

It is important that the designer consider the learning styles of the learner and present information that the learners can easily comprehend. “An instructional unit – whether a textbook, printed manual, computer-based instruction, multimedia instruction, or video recording—is an artifact of the design process that will endure” (Morrison et al, 2011, p. 180). With this information in mind, please locate the web page entitled *Presentation Module for Capstone* located at <http://territyner.wordpress.com/presentation-module-for-capstone>

A PDF document is also included title *Presentation Module for Capstone* that provides the Web Page URL along with an export of the Sessions 1 and 2 in addition to other instructional material needed in the delivery of Sessions 1 and 2. Additional materials include a PowerPoint used to demonstrate the process of importing a PowerPoint into a new Smart Notebook file and a word document used to demonstrate the “ink aware” tools used when displaying a word document on the interactive board.

Evaluation Materials

Instructional designers use evaluations to make judgments about the success of their instructional module (Morrison et al, 2011). Summative evaluations used in the East Jackson Smart Board Instructional Module include:

1. East Jackson Smart Board Teacher Survey
2. East Jackson Smart Board Teacher Pre-Test
3. East Jackson Smart Board Teacher Post-Test

During the hands on activities the instructor will observe the learner and conduct a formative assessment. The formative assessment is titled *East Jackson Smart Board Formative Assessment*.

These evaluation documents are found in the PDF Portfolio titled CP3_TynerT and also on the web page titled *Presentation Module for Capstone* found at <http://terriTyner.wordpress.com/presentation-module-for-capstone> .

References

- Jackson county school report card. (n.d.). Retrieved from <http://www.gadoe.org/ReportingFW.aspx?PageReq=102&CountyId=678&T=1&FY=2010>
- Morrison, G. R., Ross, S. M., Kalman, H.K., & Kemp, J. E. (2011). *Designing effective instruction* (6th ed.). Hoboken, NJ: John Wiley & Sons, Inc.
- Pratibha , G. (2011, 09). *Instructional design storyboards: the how and why*. Retrieved from <http://www.chillibreeze.com/articles/Creating-Storyboards.asp>