

Analysis Summary

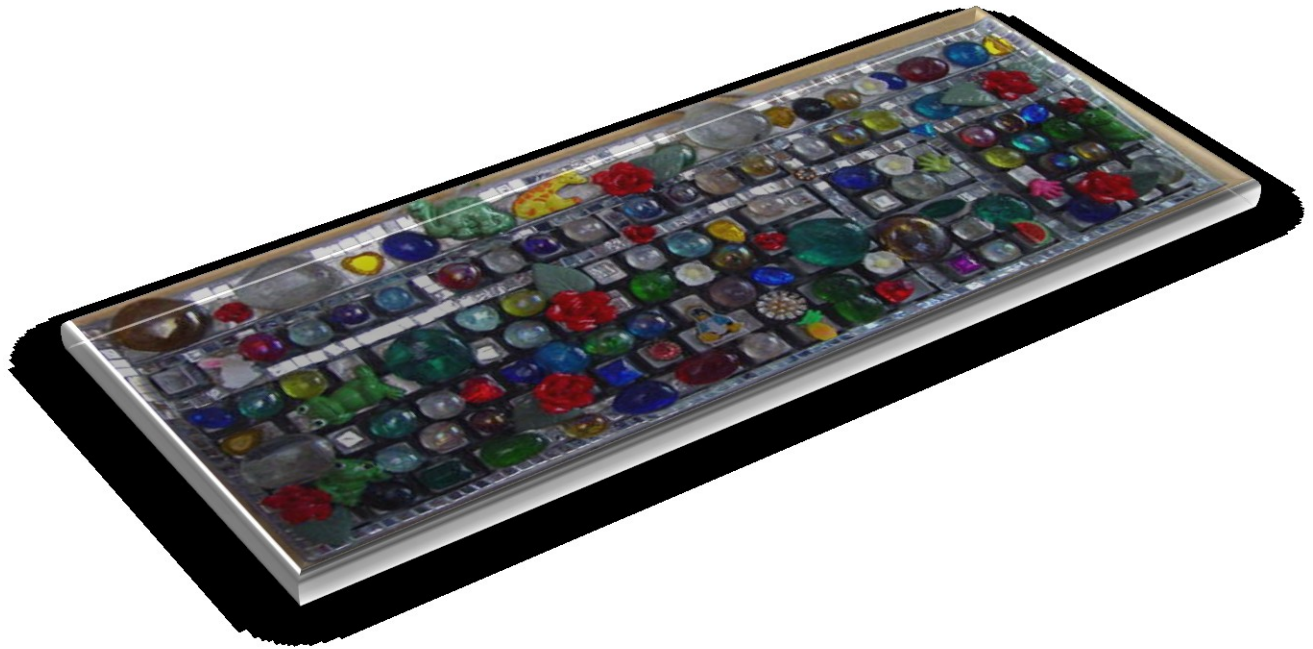
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WEB 2.0 TOOLS, THE COLLABORATIVE BRIDGE BETWEEN STUDENTS AND TEACHERS TO 21ST CENTURY LEARNING

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INTRODUCTION

Denison Middle School is a public middle school in Winter Haven, Florida serving approximately 1,000 students in grades sixth through eighth with sixty-seven classroom teachers. The school has recently received classroom technology packages which enable teachers to employ web 2.0 tools for instruction. Teachers receive a hodgepodge of training through meetings, Blackboard classes, literature, and consultants. Regular training has not been made available. Many teachers do not take advantage of the optional training because of time constraints. The lack of training carried over into lack of use in instruction.

This analysis summary proposes training options that fit into the teachers' schedules, teach them how to use web 2.0 technologies, provide an opportunity to utilize their new skills, and convey their potential benefit to classroom instruction.



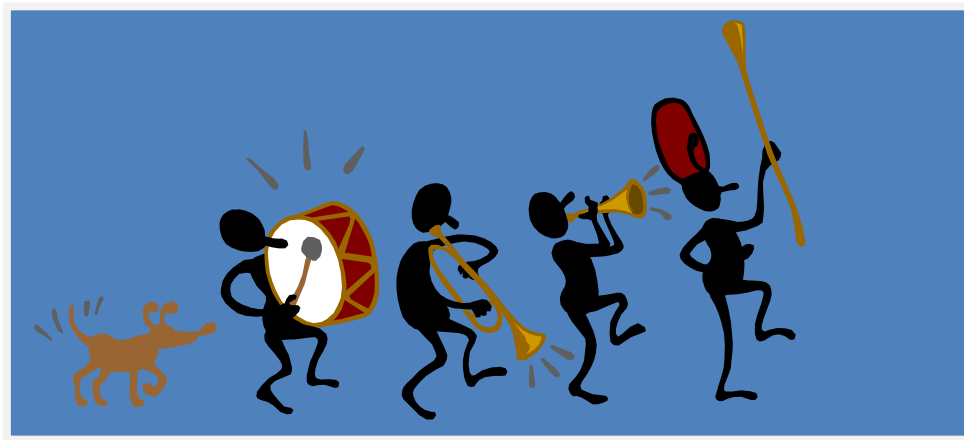
PERFORMANCE ASSESSMENT

<i>Actual Performance</i>	<i>Desired Performance</i>	<i>Primary Cause</i>	<i>% of Total Discrepancy</i>
4% Provided a blog as an information resource for students.	Provide a blog as an information resource for students.	<ul style="list-style-type: none"> • Lack of technical skill. • Lack of understanding of the benefits of blogs. 	10%
2% have used Prezi in instruction.	Teacher and student use of Prezi as an instructional and leaning tool.	<ul style="list-style-type: none"> • No knowledge of Prezi and its uses. • Prefer to stick to PPT. 	10%
20% have used podcasts in instruction.	Develop podcasts for instruction and review.	<ul style="list-style-type: none"> • Lack of technical skill. • Fear of technology failure. 	10%
2% have used Google email for student/teacher communication and document sharing.	Use Google email for student/teacher communication and document sharing.	<ul style="list-style-type: none"> • Lack of knowledge of the product. • No prior training. 	10%
12% have employed interactive tools during instruction.	Employ interactive tools for instruction.	<ul style="list-style-type: none"> • Lack of knowledge of the product. • No time to explore possibilities. 	10%

PURPOSE STATEMENT The purpose of this training is prepare teachers to meet the demand for technology integration within the classroom.

LIST OF INSTRUCTIONAL GOALS

1. (Knowledge)
Describe the benefits and obstacles to technological collaboration.
2. (Comprehension)
Discuss web 2.0 tools that support collaborative teaching and learning.
3. (Application)
Show examples of specific uses of Web 2.0 tools to support collaborative teaching and learning.
4. (Analysis)
Explain how to evaluate Web 2.0 tools for certain educational situations.
5. (Synthesis)
Design and adapt technology-enriched learning activities that connect standards to meet the diverse needs of students.
6. (Evaluation) Apply assessment tools to measure the effectiveness of Web 2.0 in personal practice and with students.



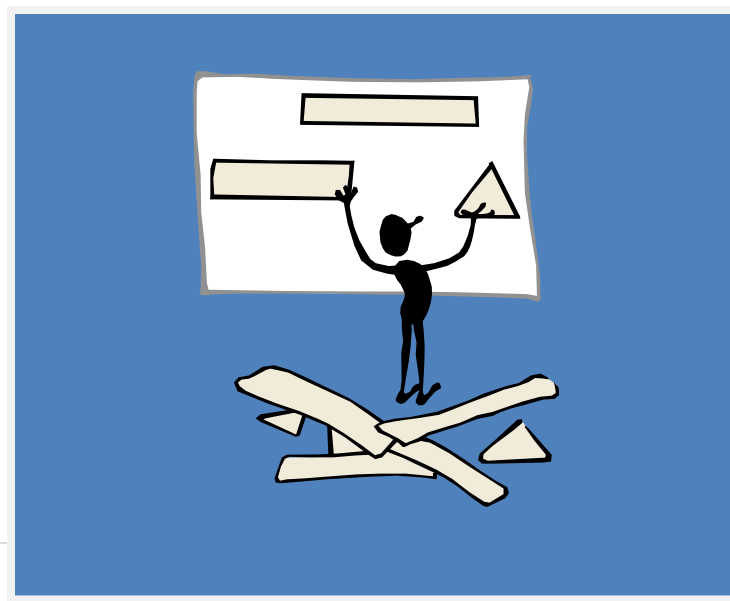
LEARNER AUDIENCE PROFILE

<i>Learner Group</i>	The audience consists of 67 classroom teachers at Denison Middle School.
<i>Characteristics</i>	The group is comprised of 47 female and 20 male teachers ranging in ages from 25 to 66; the average age is 42. 30% hold Master's degrees and 5% hold Phd's.
<i>Numbers</i>	Based on yearly turnover, 12 new teachers will need to receive the training next year.
<i>Location</i>	Workshops will be held in the media center or provided on Communicator.
<i>Experience</i>	Teachers experience ranges from 1 to 25 years.
<i>Attitude</i>	Each teacher will participate in the training. Participants are eager to learn new skills if time is available for the training. Many fear failure to perform necessary skills and are apprehensive about job security. Some experience technophobia.
<i>Skills Related to Delivery Mode</i>	Training requires the learner to have computer skills, Internet access, Communicator downloaded on computer.



REQUIRED RESOURCES

Content Resources	Technology Resources	Instructional Facilities	Human Resources
<ul style="list-style-type: none"> • Prezi cheat sheet. • Blog cheat sheet. • Interactive tool cheat sheet. • Prezi presentations. • Applicable scenarios to engage in Web 2.0. • Demonstrative podcasts. 	<ul style="list-style-type: none"> • Laptops with internet access. • Promethean board and peripherals. • Blackboard Access for Facilitator. • Blackboard class registration for all teachers. • Notebook • Writing utensils 	<ul style="list-style-type: none"> • Location with internet access. 	<ul style="list-style-type: none"> • Media Specialist • Technical assistance (provided by Network Manager) • Student aids as support staff (set up, computer shutdown)



PROBABLE DELIVERY SYSTEM

Option A

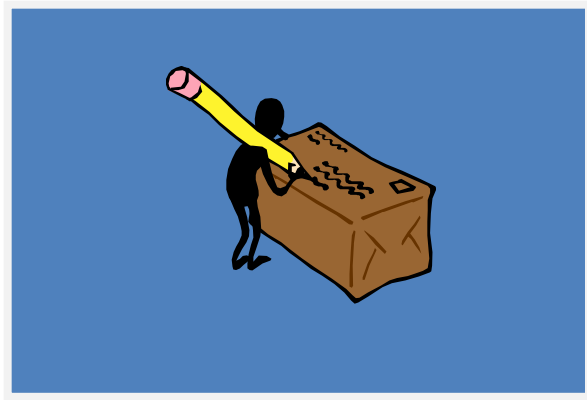
The training will be delivered in 10-Face to Face meetings with facilitator in the Media Center. Five meetings will provide instruction on Web 2.0 tools and 5 meetings will provide teachers the opportunity to share what they have created. The trainings will utilize instructional resources available on internet on mobile laptops.

Option B

The trainings will be delivered asynchronously through Blackboard Course Management system. Participants will be required to share products on the course system and provide feedback to two other teachers per item on the course system as well.

Option C

The training will be delivered in 10-Synchronous deliveries through a series of meetings on the Windows Communicator link. Five meetings will provide instruction on Web 2.0 tools and 5 meetings will provide teachers the opportunity to share what they have created. The trainings will utilize instructional resources available on internet on mobile laptops.



REFERENCES

ISTE (2008). National Educational Technology Standards for Teachers, 2nd ed. Accessed October 2, 2010 from <http://www.iste.org/standards/nets-for-teachers/nets-for-teachers-2008.aspx>

Russell, C., Carter-Templeton, H., Likes, W., Nwokeji, S., Umberger, R., & Gilbert, S. (2006). Maximizing classroom collaboration using web 2.0 technology. University of Tennessee Health Science Center. Accessed October 2, 2010 from <http://www.slideshare.net/tcc07/maximizing-classroom-collaboration-using-web-20-technology>

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