Transcript for PowerPoint

Slide 1:

iPads: Enhancing the educational process

Slide 2:

Teaching in the Internet age means we must teach tomorrow’s skills today.” – [Jennifer Fleming](http://www.helium.com/items/1310228-teaching-in-the-internet-or-digital-age)

Slide 3:

Problem/Need

Students need to be prepared for the future. Teachers need the tools or resources to teach children the skills needed for the world they live in.

iPads can help teachers to teach the skills needed for tomorrow’s world.

Slide 4:

Research

* It is important to know how to learn. Learning needs to become a way of life (Davis, Edmunds, & Kelly-Bateman, 2008).
* “As no one method or technique can by itself adequately encompass the variations of the human brain, teachers need a frame of reference that enables them to select from the vast array of methods and approaches that are available” (Cain and Cain, 1990, p. 66)
* Johnson (2012) states that iPads have the potential to change how learning takes place in schools.

Slide 5:

* Since January 27, 2010, iPads have provided a way for people to interact with content in a more intimate manner (Smith and Evans, 2010).

The sales of the iPad are still growing. Many of our students’ households have or will have one. We need to take advantage of this tool to help our students reach their potential.

Slide 6:

There are very few negatives to using the iPad in the classroom. These negatives are price, may cause a distraction if not properly managed, and maintaining connectivity throughout the school. However, I believe the positives outweigh the negative. iPads offer an alternative to carrying heavy textbooks, help students to organize work, and teach children how to use technology at an early age. Teachers would be able to change the way they instruct their class.

Slide 7:

Who would be the key players in implementing this innovation?

According to Rogers (2003), innovators are the ones who seek information about new ideas. They are usually the ones who adopt the new idea first. The innovators at our school are the administrators and teachers who are looking for new ways to instruct their students.

Rogers (2003) states that early adopters help sway the opinion of other potential adopters. The students in our school would fall into this category. The way they interact with the iPads and their growing excitement to learn will sway others in the school system to adopt this innovation.

The last category of key players would be the laggards. The people in this category are ones who normally do not like change or they look to the past and how things were done previously (Rogers, 2003). Teachers who have little or no technology knowledge and textbook companies would fall into this category.

In order to get the innovators aboard, we would need to show how this innovation can enhance the educational process. We would also need to show how the district plans to overcome the connectivity issues that may arise. The laggards would need to observe the innovation being used and see the data that shows the gains made after implementation. The laggards would also need training and support before and during implementation.

Slide 8:

* Use trailability by choosing three to five teachers (innovators) who would be willing to pilot iPads in their classroom.
* Provide iPads for each student (early adopters) in the class since other pilots have shown it is more useful for each student to have a device.
* Provide [training and support](http://www.simplek12.com/tlc/ipad-genius?gclid=CMCkz7flubUCFQuqnQodmF8AlA) to the teachers who are piloting the program.

It is important that teachers have the training and support in order for this innovation to be successful.

Slide 9:

While a centralized diffusion system is top-down communication, decentralization is where participants create and share information (Rogers, 2003). In a decentralization system, participates have more control in the decision process and can determine what problems need to be addressed (2003). Centralized system would be able to offer advice from experts and technical support. The decentralized system would allow teachers to share with each other what is working and what is not. It would also allow them to determine the best way to use the innovation to meet their needs.

Slide 10:

The “champion” of the innovation has a pivotal role in the successful adoption of the innovation. The “champion” needs to be aware of the seven roles he or she needs to fulfill.

1. Show that there is a need to change the current behavior
2. Build a relationship with his or her peers
3. Show how other innovation would not achieve the goals they want to achieve
4. Peek everyone’s interest in this innovation
5. Use the needs to change the current behavior
6. Use reinforcements to stabilize new behavior
7. Work to get peers from reliance on the “champion” to self-reliance

To overcome the expense of iPads, the district can locate other avenues to help pay for them. This site has several ways to procure funds.

Slide 11:

There are some attributes that will help iPads become successful in our school.

* Portable
* Access to audio and ebooks [(replacing textbooks](http://finance.yahoo.com/news/Many-US-schools-adding-iPads-apf-1245885050.html))
* Children friendly apps, music, video
* Academic resources
* All students get the opportunity to participate

This site shows why one district switched from textbooks to using iPads.

Slide 12:

Conclusion

[iPads](http://www.youtube.com/watch?feature=player_detailpage&v=EV8M6P9st9Q) can change the face of education. These tools can help bridge the gap between school and community.

This video will show how iPads are changing the face of education.

Slide 13 and 14:

Resources

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