

Vision Statement Assignment:

Completed as a requirement of SPED506-01 for Dr. Amy Dell by;

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Vision Statement;

We envision using technology to further a learning community where:

Students are engaged in a challenging curriculum that is focused on inquiry-based, hands-on learning. Students are comfortable using technology. Students take responsibility for their own educational success.

Teachers use technology to support all learning across the curriculum. They function as coaches, mentors, advocates, and managers of information. Through on-going, comprehensive professional development, all teachers acquire the knowledge and skills to integrate technology into a challenging and interdisciplinary curriculum which addresses students' specific needs, developmental levels and learning styles.

Administrative functions, including those performed by instructional staff, are fully automated, thereby allowing more of the school system's energy and resources to be focused on student education. The schools become an environment where all students and staff have ready access to a full range of current technology, software tools, and applications. The schools have knowledgeable staff and external resources (such as parents, community members, business, higher education, and network resources) to further the curriculum goals.

Technical Support

GOALS	CONCERNS / ISSUES
<p>1. Redundant Systems</p> <ul style="list-style-type: none"> • Teachers get replacement equipment while broken equipment is repaired. <p>2. Help Desk</p> <ul style="list-style-type: none"> • Phone (24 Hours a Day Messaging) • Email <ol style="list-style-type: none"> 1. 12 hour response time • Physical <ol style="list-style-type: none"> 2. Staffed During School Hours 3. Primary Focus is the Help Desk <p>3. Support Personnel with Education Experience</p> <ul style="list-style-type: none"> • Teacher Relations Specialist on staff <ol style="list-style-type: none"> 4. Can recommend techniques, services, and technology for class. 5. Discuss Lessons With Classroom Teacher <p>Training on Basic Troubleshooting</p> <ul style="list-style-type: none"> • Optional Training for basic computer troubleshooting available to all teachers. 	<ol style="list-style-type: none"> 1. The expense (monetary and physical space) of setting up an adequate communications infrastructure. 2. The willingness of teachers to work with and learn from support staff. 3. Finding staff members with educational backgrounds and experience.

Resources

- **Setting up a successful Helpdesk.**
(<http://insight.zdnet.co.uk/business/management/0,39020490,39148124,00.htm>) *Gives some insights on what to consider when designing a help desk for your organization.*
- **Computer Maintenance and Troubleshooting Handbook**
(<http://skyways.lib.ks.us/training/standard/standard.htm>) *A little bit old but still gives valuable basic computer troubleshooting information. Would greatly help teachers communicate with technical support staff.*
- **Teachers, Not Technicians: Rethinking Technical Expectations for Teachers** (*Teachers College Record v. 106 no. 3 (March 2004)*) *This is an interesting study (Available electronically through TCNJ's library) showing that teachers make best use of technology when exploring it in a curriculum based framework. The article argues that teacher's worry and that training focuses too much on the nuts and bolts of operating a computer witch makes teachers shy away from it in classroom use. Preferable is peer-to-peer interaction and in classroom support.*

Technology Integration

GOALS	CONCERNS / ISSUES
<p>Integrate technology into all curricular areas to enhance instruction and learning:</p> <ul style="list-style-type: none">• Evaluate and realign existing curricula to ensure that the utilization of technology is appropriately infused in accordance with the New Jersey Core Curriculum Content Standards.• Expand the variety of educational technology tools to support diverse styles of teaching and learning.	<ul style="list-style-type: none">• Technological skill levels of teachers• Transfer of technology skills after training• Instructional tool vs. subject of instruction• Keeping current on technology research and trends• Limited access to technology tools and resources

Resources

- [The George Lucas Educational Foundation](http://www.edutopia.org/modules/TI/index.php) --- <http://www.edutopia.org/modules/TI/index.php>
- [Right in Class](http://www.rightinclass.com/index.htm) -- <http://www.rightinclass.com/index.htm>
- 4teachers.org -- <http://4teachers.org/>

Student Goals

GOALS	CONCERNS / ISSUES
<ul style="list-style-type: none"> • Students will be able to discuss basic issues related to responsible use of technology and information and describe personal consequences of inappropriate use. <hr/> <ul style="list-style-type: none"> • Students will be able to use communications and online resources to participate in collaborative problem-solving activities for the purpose of developing solutions or products for audiences inside and outside the classroom. <hr/> <ul style="list-style-type: none"> • Students will be able to determine when technology is useful and select the appropriate tools and technology resources to address a variety of tasks and problems. 	<ul style="list-style-type: none"> • Students do not have any experience with computers outside of school. • School does not have any way to track students' computer activities. <hr/> <ul style="list-style-type: none"> • School does not have adequate facilities or resources to provide the necessary equipment. • School does not have access to the internet. • Teacher can not find another class to work collaboratively with on a task. <hr/> <ul style="list-style-type: none"> • School does not have a variety of tools and technology resources. • Students can not see the connection between computers and their lives.

Resources

- <http://www.school.aol.com>
- <http://www.3com.com/solutions/>
- <http://www.accessibletech4all.org/>
- <http://www.lburkhart.com/elem/internet.htm>
- <http://teams.lacoe.edu/>
- <http://www.futurekids.com/>
- <http://4teachers.org/>
- <http://www.thefunworks.org/>

Staff Development Goals

GOALS	CONCERNS / ISSUES
<ul style="list-style-type: none"> • Technology supervisors will be prepared to meet the technological changes that are constantly occurring and be able to share these growing developments with their staff on a regular basis <hr/> • The computer teacher will co-teach specified lessons with the teacher in order to successfully implement technology into the daily curriculum <hr/> • Follow up sessions will be run by the computer teacher to ensure that classroom teachers are incorporating technology into the classroom in an efficient manner <hr/> • Consistent workshops will be held where the computer teacher can train teachers in various programs at different levels to enable them to use the computer as a learning tool 	<ul style="list-style-type: none"> • There are constant changes in technology that make it difficult to keep up with the most recent ones <hr/> • Many schools only have one computer teacher, and that individual may not have time to co-teach in classrooms <hr/> • Many teachers may get frustrated the first time, and may not have the patience or confidence to try learning a program again <hr/> • Teachers do not always have the time to attend workshops, and many times are not even interested in learning about technology

Resources

- <http://www.nationaletechplan.org/actionsteps.asp>
- <http://www.ncrel.org/tech/tpd/>
- <http://staffdevelop.org/>
- <http://www.edutopia.org/php/keyword.php?id=239>