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Gap Analysis for Lakeside High School
Integration of Technology into the Math And Social Studies Curriculum

Organizational Environment

The Gaps	Categorization of Gap	Rational	Cost
ITSE standards and performance indicators are not shared at all schools in New Hanover County with the same importance.	Present Neutral Gap	50% of the schools in New Hanover County share the ITSE standards and performance indicators.	Training on the importance of ISTE standards by a member of the Technology Department. Workshop \$25.00/hr. x 2 hrs.
Secondary school principal's lack consistency in the importance of technology integration in the core subject areas of Math, Science, Language Arts, and Social Studies.	Present Negative Gap	Secondary school principal's lack consistency when it comes to requiring their teachers to integrate technology into all core academic subjects.	Perception of integrating technology is not a top priority of the principal at Lakeside. Therefore, teachers who are not tech savvy or who are not interested in integration are considered laggards. The cost is in student technology performance.
Inconsistency at individual schools requiring teachers to take the computer competency test.	Present Negative Gap	Schools do not hold teachers accountable regarding the passing of the computer competency test.	No cost. Training will be held at the request of the CRT at Lakeside, by a representative of the technology department on "Tricks of the Trade. How to Pass

			the teacher computer competency test.
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Work Environment

The Gaps	Categorization of Gap	Rational	Cost
Various principal's lack consistency in the importance of technology integration in the core subject areas of Math, Science, Language Arts, and Social Studies.	Present Negative Gap	With the yearly change of principal's at Lakeside there hasn't been time to establish standard and requirements for technology integration into all core subject areas.	Perception of integrating technology is not a top priority of the principal at Lakeside. Therefore, teachers who are not tech savvy or who are not interested in integration are considered laggards. The cost is in student technology performance.
Technology integration and expectations from the various principals over the past 4 years at Lakeside lacks focus and direction.	Future Positive Gap	The newly hired principal at Lakeside will require technology integration into all subject areas.	Training will be held by the Computer Resource Teacher, which is part of her/his job therefore there is not cost to factor in, mandated by the principal for technology integration in all core subject areas.
Math and Social Studies teachers are not utilizing new technologies and software resources to integrate technology into their lessons..	Present Negative Gap	Training is held and the Math and Social Studies teachers still do not sign up to use the computer lab for Technology integration.	Training cost of Study Island was \$40.00 / hour for 3 hours. Teacher in the Math and Social Studies Departments did not make use of the training.

Work Issues

The Gaps	Categorization of Gap	Rational	Cost
Technology integration in the Social Studies and Math departments is lacking.	Present Negative Gap	Social Studies and Math teachers only used the computer lab 10% of the time during the 2003-2004 academic school year.	Send a representative of the Math And Social Studies department to a 2 Technology Conference which highlights their curriculum. Cost - registration fee \$ 75.00 x 2. =\$150.00. Lodging, gas mileage, meals – x2 = approximately \$500.00
Guidance and assistance to help with technology integration at the departmental level is not happening especially in Math and Social Studies.	Present Positive Gap	Integration of technology is happening 90% of the time with Science and Language Arts teachers.	There are a number of communication breakdown within the Math and Social Studies departments. Emphasis is not placed on Technology integration due to the fact that the teachers holding these positions are veteran teachers. The cost is in student learning.
Not all departments are taking advantage of the computer lab to integration	Future Positive Gap	All core teachers will integrate technology into their curriculum by	The cost is the lack of students awareness in the areas of Math and

technology on their assigned day.		planning with the CRT a week before their assigned time in the computer lab.	Social Studies as to how to integrate technology into the subject specific curriculum.
No specific consequences are in place for teachers who do not integrate technology.	Future Neutral Gap	There is no threat or advantage to the school.	Cost – low moral regarding technology integration.

Worker Issues

The Gaps	Categorization of Gap	Rational	Cost
Training is held but not all teachers are integrating technology into their lessons especially the Math and Social Studies teachers.	Present Neutral Gap	Science and Language Arts teachers integrate technology where at the Social Studies and Math teachers do not.	No cost – training will be held by the computer Resource teacher which is part of her/his job description.
	Future Positive Gap	Follow up training will take place by the CRT at Lakeside	No cost – Follow up training will take place by the Computer Resource Teacher.
Training is held without taking the skill level of the teacher into mind.	Future Positive Gap	A teacher survey will be completed by all teachers at the beginning of the school year to determine individual skill level.	No cost – survey developed and disseminated by the Computer Resource Teacher as part of her/his job description.
Attitudes of teachers in the math and social studies department are low when asked to integrate technology into their lessons	Present Negative Gap	Teachers do not take advantage of computer lab time.	

