

Redeemer International School Thailand

School Development Committee Report

May 4, 2010

School Development Committee: Resource Management and Development

Submitted by David Casler: Chair

Tasks from 2009-2010 Action Plan	Activities Undertaken to Achieve Tasks	Evidence
<p>Goal D2: Implement a Technology Plan</p>	<p>Our team thoroughly reviewed RIST's previous technology plan which had already begun implementation last year (before my arrival). RIST is currently in 'year 2' of that plan. The team suggested changes to the tech action plan such as improving the wireless network, upgrading school hardware, teachers training teachers/in-services, teacher websites, RIST website improvements, and considered software to assist in managing students' use of laptops in the classroom. The existing tech plan was updated and revised to include the improvements and we will continue to follow it in order to maintain continuity.</p>	<p>Please notice the attached technology plan. It is the updated version in its final form based on the suggestions of the SDC team.</p>
<p>D2.2 Survey teacher technology requirements and provide professional development to meet their needs.</p>	<p>The SDC team collaborated and created a survey for teachers. Questions include how teachers can best improve student learning using technology. This included software, hardware, and internet resources. This survey will be distributed to the staff digitally in May. The results will be reviewed and a specific offering of PD opportunities will be made for the 2010/11 school year.</p>	<p>The survey has been created but not yet distributed. The results of this survey will be compiled and the results will be used at the beginning of the 2010/11 school year to plan in-house PD opportunities for teachers.</p>
<p>D2.3 Evaluate the existing laptop program and implement extension/improvements as required.</p>	<p>The SDC team collaborated and created a survey for teachers. We distributed the survey to the staff digitally on April 27th and discussed the results during our meeting on the 28th. The results of the survey indicated that the staff was in support of</p>	<p>Please see the attached survey results.</p>

<p>D2.4 Create an online database of student technology projects.</p>	<p>extending the program to grade 9 for the 2010/11 school year. Suggestions for improvements were also made which has resulted in upgrades to the wireless network. The only significant barrier to our successful laptop program is the poor internet speed at RIST. We are currently investigating ways to improve this.</p> <p>g6-12 students who take or enroll in technology classes at RIST currently maintain digital portfolios using Google Sites. They have learned not only to reflect on their learning and the organizational skills necessary to maintain such a portfolio, but have also gained the technical skills required to maintain their own websites. Grades 8-12 are published on line. Lower grades maintain their portfolios but they are not public.</p>	<p>Student Digital Portfolios: Grade 8-12 portfolios are on line http://sites.google.com/site/ristdavidc/studentwebsites</p> <p>Grades 6-7 digital portfolios are managed by their technology teacher and are not currently public.</p>
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Where little or no progress has been made, please indicate reasons in the second column

Recommendations for Follow-Up/ Future Action Plan Goals:

Additional input from the faculty will be required to monitor the quality of our laptop program, the PD offerings, and the general use of technology to improve student learning at RIST. Technology is not something that a committee can accomplish but is a dedication by the entire school community. This requires frequent communication, sharing, collaboration, and feedback. Additionally, the technology plan should be understood and supported by all of the players. This includes the administration, the teachers, the students, and the support staff. The current plans are dedicated towards school improvement as it relates to technology resources and the use of technology in the classroom to improve student learning. We have already made progress towards improving the tech infrastructure as well as delicately integrating technology into the general curriculum. We must, however, continue to stay focused and remember what is most important - the students!



RIST Technology Plan

2008-2011

Technology Department Overview

The technology department of Redeemer International School is comprised of three members: David Casler (Tech Coordinator, Computer Science Department Head, and IT teacher), Chanvit Kanokpoonsin (Database Manager, IT and Thai Studies Teacher), and Surachai (Jee) Lorwatanapongsa (Hardware technician, media and web designer). Our team aims to provide the school community with flexible and reliable leading-edge technological resources that prepare our students for a demanding and dynamic and increasingly technology-dependent world. These resources are available to enhance the learning process in a supportive school environment and to achieve quality-learning outcomes for our students. This is not only the focus of the technology department, but of the school as a whole as indicated in the ESLRs and in the three year action plan. This is not merely a system or set of systems that are implemented, or a collection of expensive equipment, but is an ongoing process that regularly evaluates students' needs and provides a support structure with the ultimate goal of promoting student success.

RIST Technology Department Mission Statement

It is the mission of the technology department at Redeemer International School to enhance the high quality of teaching and learning throughout our school community by incorporating a variety of leading-edge technologies into the curricular, instructional, communication, and administrative functions of the school.

Technology Department Goals

The goals of the technology department are directly formed as a response to RIST's goals as an institution as it relates to technology. These school-wide goals are reflected in the ESLRs and the three year action plan. The department goals include hardware upgrades, infrastructure improvements, software and online services improvements, professional development support for teachers, and the overall effective integration of technology in the school. The reason for each and every technology department goal is to systematically impact and improve student learning at RIST.

The Action Plan

The following action plan is composed of several parts. The first section is taken from the original 3 year plan with only minor revisions. The original plan included only the person(s) responsible and the year that the item is implemented. The revisions include a column to clarify what school-wide goal is being addressed from the RIST action plan. Additional columns include the progress of each item and the date of completion. The last goal includes general program improvements and was not articulated in the original action plan when it was first drafted.

The Technology Action Plan (2008-2011)

Goals 1: Provide access to appropriate, dedicated and reliable technology resources that will support curriculum instruction and technology integration.

Strategies	Schoolwide Goal	Person Responsible	Year Addressed	Progress	Progress	Date Completed
Establish/Clarify technology requests process and budgets for the school.		Technology Coordinator	2008/9			
Maintain an inventory of RIST Computer resources		Technology Coordinator	2009/10	Jan- took physical inventory	Of computers and monitors.	January 2010
Purchase and install projectors in all classrooms.		Technical Support Manager	2008/9			2008
Continue to expand the laptop program in other grades dependent on the evaluation findings.	RIST Action Plan D2.3	Technology Coordinator	2008/9 2009/10 2010/11	Survey in 2008/9		
Investigate future needs to increase network bandwidth.		Technology Coordinator Technical Support Manager				

Goal 2: Improve technology training for teachers and staff.

Strategies	Schoolwide Goal	Person Responsible	Year Addressed	Progress	Progress	Date Completed
Survey teacher technology skill requirements and provide professional development to	RIST Action Plan A3.2 A2.2 A4.3	Technology Coordinator	2008/9 2009/10 2010/11			

meet their needs.						
Offer school-based technology training utilizing all teachers' experiences.	A3.2 A3.3 D2.2	Faculty	2008/9 2009/10 2010/11			

Goal 3: Increase parent and community communications.

Strategies	Schoolwide Goal	Person Responsible	Year Addressed	Progress	Progress	Date Completed
Continue to use parent-school communication via web based school events and calendar.		Media Officer	2008/9 2009/10 2010/11			
Expand and improve the school website		Media Officer	2009/10			
Select an online communications management system (such as Edline) to facilitate communication among teachers, students, and parents concerning teaching and learning.	A4	Technology Coordinator	2009/10	Jan 20 visited network admin at RIS informed me that we cannot share their Edline	We must order our own subscription at RIST	

Goal 4: Improve the overall quality of the technology program (misc).

Strategies	Schoolwide	Person	Year	Progress	Progress	Date
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	Goal	Responsible	Addressed			Completed
Improve the wireless network.	RIST Action Plan: D2.3		2009/10			
Support the students to construct and maintain a digital portfolio	RIST Action Plan: D2.4		2009/10 for grade 7,8,9			
Upgrade Outdated Teacher computers	General School Improvement		2010/11			
Upgrade the Apple Mac Lab	ESLR: Assimilates and applies the latest technology		2010/11 (if funds are available)			
Install Instant Messenger Communication system	General School Improvement	Technology Coordinator / Media Officer	2009/10	Installed dedicated messenger server	Installed Clients	Sept 2009
Review the completeness and quality of the Computer Science benchmarks, and standards in Atlas.	RIST Action Plan: B1.1 B1.2 B1.3 B2.1		2009/10			
Recommend and Implement school-wide technology standards		Technology Coordinator / Principal	2010/11			January 2010
Systematically and regularly survey the observe the staff's use of technology and offer in-house support including professional training on the use of the school's technology resources to help them to effectively meet the needs of their students.	RIST Action Plan: A3.2 A4.3 D2.2					
Look into offering a computer / tech club for students as an ongoing co- curricular activity.	RIST Action Plan: B3.1 B3.3		2010/11			

Follow up on previous staff surveys relating to the integration of laptops and suggest improvements	RIST Action Plan: D2.3					
Obtain Software Licenses	ESLR: utilizes technology in an ethical way		2009/10 2010/11			
Upgrade PC Lab (517)		Tony/Tech Coordinator	2009/10			
Upgrade PC Lab (317)		Tony/Tech Coordinator	20010/11			

PURCHASES:

2009/10 Budget = 180,000THB (we spent 146,000 & have 34,000THB remaining)
to purchase the computers we will need an additional 393,000 THB
bringing the total budget for the year to 573,000.

2010/11 Projected Budget = 573,000 THB

2008/09

ITEMS	DETAILS	COST
Projectors	Already Purchased	n/a

2009/10

ITEMS	DETAILS	COST
Desktops with Monitors for Lab w/legal Windows - 3yr warranty	*DELL 16 x 24,900 + 27,888VAT =	427,000 THB

2010/11

ITEMS	DETAILS	COST
Desktops with Monitors for Lab w/legal Windows - 3yr warranty	*DELL 16 x 24,900 + 27,888VAT =	427,000 THB



Laptop Program Survey Results

Total Started Survey: 13
Total Completed Survey: 13 (100%)

1. How often do students use each of these applications and resources with their laptops in your class?						
	<i>answered question</i>					13
	<i>skipped question</i>					0
	Never	Rarely	Sometimes	Often	Very Often	Response Count
Word Processing	7.7% (1)	0.0% (0)	38.5% (5)	15.4% (2)	38.5% (5)	13
Spreadsheets	30.8% (4)	15.4% (2)	46.2% (6)	0.0% (0)	7.7% (1)	13
Databases	41.7% (5)	25.0% (3)	25.0% (3)	8.3% (1)	0.0% (0)	12
Graphics Design	41.7% (5)	16.7% (2)	25.0% (3)	16.7% (2)	0.0% (0)	12
Powerpoint	7.7% (1)	7.7% (1)	53.8% (7)	15.4% (2)	15.4% (2)	13
Google Apps	58.3% (7)	8.3% (1)	16.7% (2)	8.3% (1)	8.3% (1)	12
Video Editing	46.2% (6)	23.1% (3)	30.8% (4)	0.0% (0)	0.0% (0)	13

1. How often do students use each of these applications and resources with their laptops in your class?						
Desktop Publishing	53.8% (7)	15.4% (2)	23.1% (3)	0.0% (0)	7.7% (1)	13
Internet (email, searches, websites)	0.0% (0)	0.0% (0)	15.4% (2)	53.8% (7)	30.8% (4)	13
Online Assessments	38.5% (5)	15.4% (2)	30.8% (4)	7.7% (1)	7.7% (1)	13
Digital Textbooks	46.2% (6)	15.4% (2)	15.4% (2)	15.4% (2)	7.7% (1)	13
Using Laptops in General	0.0% (0)	7.7% (1)	30.8% (4)	30.8% (4)	30.8% (4)	13
2. Do you agree with the following statements about the laptop program?						
	<i>answered question</i>					13
	<i>skipped question</i>					0
	Strongly Disagree	Disagree	Not Sure	Agree	Strongly Agree	Response Count
The use of laptops allow students to work more	0.0% (0)	0.0% (0)	0.0% (0)	30.8% (4)	69.2% (9)	13

2. Do you agree with the following statements about the laptop program?

independently.						
Students' writing quality is improving with laptops.	8.3% (1)	8.3% (1)	50.0% (6)	8.3% (1)	25.0% (3)	12
Students are more interested in class.	0.0% (0)	0.0% (0)	53.8% (7)	30.8% (4)	15.4% (2)	13
Students are more proficient using computers to improve their learning.	0.0% (0)	0.0% (0)	0.0% (0)	76.9% (10)	23.1% (3)	13
The laptop program has had a positive impact on my teaching and professional practice.	0.0% (0)	0.0% (0)	0.0% (0)	76.9% (10)	23.1% (3)	13
The laptop program has had a positive impact on my ability to differentiate instruction.	0.0% (0)	7.7% (1)	30.8% (4)	38.5% (5)	23.1% (3)	13

2. Do you agree with the following statements about the laptop program?

I am able to integrate computer activities into my instruction.	0.0% (0)	0.0% (0)	15.4% (2)	53.8% (7)	30.8% (4)	13
The use of laptops is not a distraction to learning.	0.0% (0)	15.4% (2)	30.8% (4)	46.2% (6)	7.7% (1)	13
There is sufficient wireless coverage in my classroom.	15.4% (2)	38.5% (5)	0.0% (0)	23.1% (3)	23.1% (3)	13
The internet is fast enough for us to use laptops in my classroom.	30.8% (4)	61.5% (8)	7.7% (1)	0.0% (0)	0.0% (0)	13
There are enough power outlets in my classroom.	30.8% (4)	38.5% (5)	7.7% (1)	15.4% (2)	7.7% (1)	13
The laptop program should be continued for grades 10-12 next year.	0.0% (0)	7.7% (1)	7.7% (1)	46.2% (6)	38.5% (5)	13

2. Do you agree with the following statements about the laptop program?

The laptop program should be extended to grade 9 next year.	0.0% (0)	0.0% (0)	30.8% (4)	30.8% (4)	38.5% (5)	13
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3. Do you have any other comments or suggestions about the laptop program at RIST?

<i>answered question</i>					5
<i>skipped question</i>					8

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| 1. | some kids used Mac or other programs or different year of microsoft sometimes they cannot be opened in my computer, a microsoft 2003. Kids need to know how to grab information to use for their works. Each class should have a few more computer if those subjects are related to language or need to write a lot. | Mon, May 3,
2010 1:26
PM |
| 2. | The school should have more computer class eg. extend to high school level (G9-12). | Thu, Apr 29,
2010 8:11
AM |
| 3. | I would like to see more bandwidth and faster internet, so I can use Web 2.0 applications with my students. This will give them alternative ways of expressing their understanding and help develop their verbal, listening comprehension, reading, and writing skills. The parents pay enough money. Their kids should have access to such technology. | Tue, Apr 27,
2010 1:41
PM |
| 4. | Students need to be held accountable for using laptops in class. Some students do not use their laptops productively in class, instead they surf the net and e-mail. | Tue, Apr 27,
2010 12:14
PM |
| 5. | There is still an unsolved problem with MAC Book Pro wireless connection in RIST. | Tue, Apr 27,
2010 10:16
AM |