

iPad Initiative: First Year Integration Successes

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- Parent, Teacher, Student, Principal, President, University Professor, Alumni, Technology Expert
- Bi-weekly meetings
- 2 year process

Tech Committee
Formed 2011

Teacher Integration 2012

- All teachers were given an iPad, Spring 2012
- Technology Professional Development, Fall 2011 and Spring 2012

- All students received iPads August, 2013
- Technology Committee Students were selected to help train other students.
- Tech Orchard facilitated training for students and teachers

Student Integration
2012-2013

Technology Innovation

Models Used Professional Development

TTT

- Train the Trainers
- One teacher from each subject volunteered to have additional ongoing training and shared monthly with peers

ETPD

- Educational Technology Professional Development
- Inquire, Reflect, Collaborate, Share

SLP

- Service Learning Projects In Partnership with Tech Orchard
- Pre-Service Teachers from Rockhurst University Department of Education from their “Technology in Education” course worked collaboratively with teachers

Challenges and Successes

- Challenges

1. Wide variety of teacher learners
2. Resistance to technology
3. Consistency with use between teachers
4. Classroom management
5. Students breaking iPads
6. Parent involvement

- Successes

- Accelerating the teaching into 21 century learning
- Developing lessons to involve creativity
- Seamless approach to free resources for research and teaching
- Constant improvement and learning from all
- Parent support

How to Overcome the Challenges

Challenge 1:

Wide variety of
teacher
learners.

Need for
Differentiation

i-Pad Training Schedule

Day of the Week	Week 1	23-Jan	24-Jan	Week 2	5-Feb	6-Feb	7-Feb	Week 3	19-Feb	20-Feb	21-Feb	Week 4	26-Feb	26-Feb	28-Feb
	Period	Wednesday	Thursday	Period	Tuesday	Wednesday	Thursday	Period	Tuesday	Wednesday	Thursday	Period	Tuesday	Wednesday	Thursday
7:45-8:34	A	B. McGilley R. Summers S. Retherford	S Karpan	A	R Summers S Retherford M Gregg	AM Classes only due to Staff Development Day		A	M Gregg J Sharp	No Classes due to Parent/Student Conferences		A	D. Kratofil S Ligon	No Classes due to Staff Retreat Day	
8:39-9:28	B	B. Farnan T. Alexander G. Lagos M. Simental K Davis SMP Johnson	G Kruger	B	B. Farnan T. Alexander G. Lagos M Simental S Hart	R Summers M Simental M Gregg	B. Farnan T. Alexander G. Lagos G Kruger P Ramirez L Bishop S Ligon M Cera Garcia S Hart	B	B. Farnan T. Alexander G. Lagos A. Rathburn L. Bishop S Hart B McGilley		B. Farnan T. Alexander G. Lagos G Kruger P Ramirez M CeraGarcia	B	B. Farnan T. Alexander G. Lagos A. Rathburn L. Bishop C Sparks B McGilley M CeraGarcia		G Kruger
9:33-10:22	C	M Gregg	R Summers M Simental	C		V Haag	J Gill	C	S Retherford L Roth M Simental		S Fitzmaurice S Ligon	C	S Fitzmaurice S Hart		
10:27-11:16	D			D	C. Chaney B. O'Neill J. Sharp	S Karpan	C. Chaney S. Ligon B. O'Neill M Simental	D	C. Chaney B. O'Neill J. Sharp J Halley S Hart			D	C. Chaney B. O'Neill J. Sharp M Medeiros J. Halley		C. Chaney B. O'Neill S Fitzmaurice M Medeiros S Hart

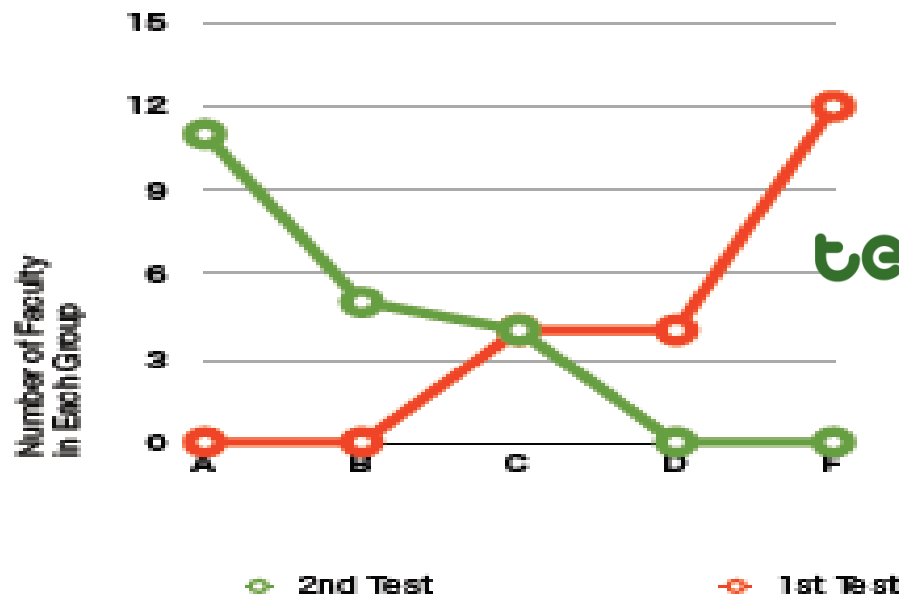
MODULES	I	II	III	IV	V	VI	VII	VII	
CODING	iPad Basics 101	iPad Basics 102	Email, Trouble shooting, & Time Saving Features	Apps & Advanced Trouble shooting	The Cloud & Advanced Email	iPad in the Classroom	Using Media on the iPad	3rd Party Apps	Open for Help if Needed

EXAMPLE OF PROFESSIONAL DEVELOPMENT

Pre-Post Survey Technical Skills

Faculty scored 79% or lower Before Training

2nd Test	1st Test					
404	225	Total Correct	20	Count of who has taken test	23	Total number of test Questions
87.8%	48.9%	% of Group	460	Total Best Score	38.9%	Increases in results



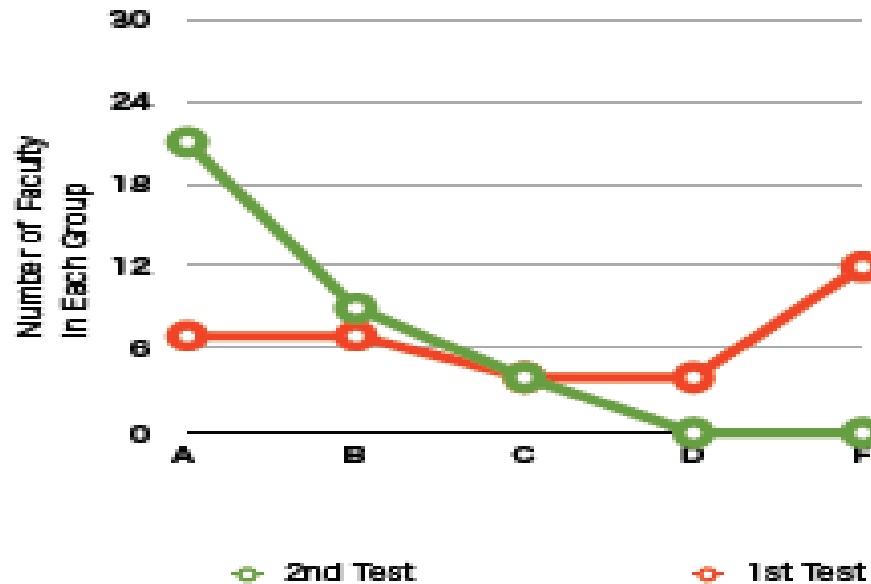
techorchard
Discover Meaningful Mobility

	A	B	C	D	F	Total
Grade	90%	80%	70%	60%	50%	
Points	21	18	16	14	12	
2nd Test	11	5	4	0	0	20
1st Test	0	0	4	4	12	20

Pre – Post Survey Results

All Faculty

2nd Test	1st Test					
699	508	Total Correct	34	Count of who has taken test	23	Total number of test Questions
89.4%	65.0%	% of Group	782	Total Best Score	24.4%	Increases in results



	A	B	C	D	F	Total
Grade	90%	80%	70%	60%	50%	
Points	21	18	16	14	12	
2nd Test	21	9	4	0	0	34
1st Test	7	7	4	4	12	34

Challenge 2:
Resistance to
technology.

Teacher evaluations and
contracts are now tied to
effectively integration of
technology in the classroom.



**How to Overcome the
Challenges**

**Needs to be an
expectation with
ongoing support.**

Teachers are expected to
continuously improve their
methods of integrating
technology with the support
of the administration.

**Challenge 3:
Consistency of use
between teachers**

More time will be devoted
Year 2 for teachers to meet
and discuss how they are
using apps.



**How to Overcome the
Challenges**

**Weekly meetings
and selection of
apps used**

Selection of Apps, i.e.
Evernote or Notability will be
made prior to Year 2. Ongoing
training for teachers and
students provided.

Challenge 4: Classroom Management

Teachers have learned firsthand when students are engaged, they are not distracted by their devices.



**How to Overcome the
Challenges**

**Expectations for
student behavior
vary among
classes.**


Teachers are retooling their lessons to engage students more and understand the iPad needs to be closed certain times during class periods depending on the activity.

Examples of Classroom Management Changes from Year 1 to Year 2

- Teachers shared it took two weeks to gain classroom management with the iPad.
- App Store will be not accessible if a student is not compiling with the iPad usage rules.
- Notes taken in class need to be emailed to the teacher.
- Teachers are considering “teaching to their (students’) backs” if the he/she needs to be stationary.
- Students will take iPads off their desks or place them on the shelving unit when not being used instead of left out on their desks.

**Challenge 5:
Students breaking
iPads**

Each student paid a \$50 fee in case they damaged their iPad. They received that \$50 at the end of the year if their iPad was turned in without any damage.



**How to Overcome the
Challenges**

**High Quality
Cases and cost for
recovering from
students**

152 student iPads (over 35%) were damaged Year 1. These cases were basic, low quality cases. Year 2 cases will be high quality Griffin Survivor cases.

How to Overcome the Challenges

Challenge 6:

Parent
Involvement

=

More Parent
Trainings

Parent data from workshop

- January 31st 6:30-8:00 pm
- 43 Parents attended
- 26 Completed survey
- 300 parents total in school
- 100% of survey results showed they were appreciative of the parent workshop.

Successes have exceeded expectations

Learn more about them in our
research paper

(submitted for publication, Fall 2013)

Watch this video created by
a Cristo Rey Student.

We want your feedback!

There are 3 ways to provide feedback on this session.



Mobile App
Mobile Website
Conference Website