



UNITED INDEPENDENT SCHOOL DISTRICT INFORMATIONAL ITEM

TOPIC: UPDATES- Delivery of Instruction in a Technology-Driven Classroom: A Mobile Learning Program

SUBMITTED BY: Dr. Guadalupe C. Gorordo, Ph.D., Associate Superintendent

OF: Curriculum & Instruction Department

APPROVED FOR TRANSMITTAL TO SCHOOL BOARD: _____

DATE ASSIGNED FOR BOARD CONSIDERATION: August 21, 2013

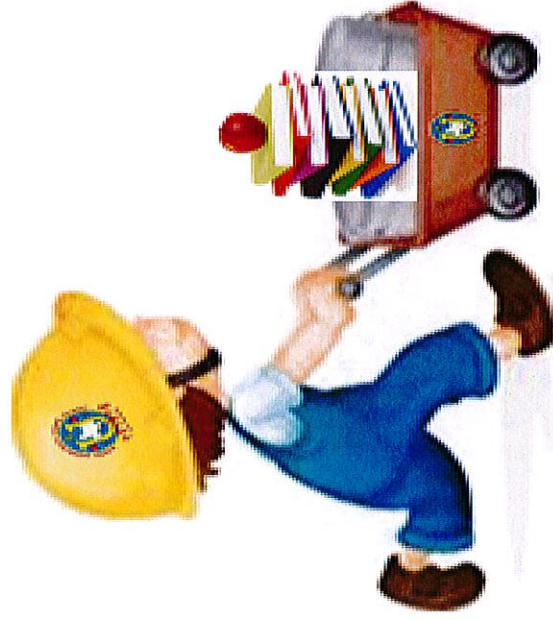
INFORMATIONAL REPORT:

Implementation updates on the district's Mobile Learning Device Program to expand from a 3 year plan to a 5 year plan and to include other projects such as DUAL classrooms.



United Independent School District

Mobile Learning Device Plan



Building Learning Environments
through
Technology Integration

UPDATES...

Curriculum & Instruction

Presented: April 2013

August 2013



Project Development & Implementation Timeline

YR 1:	2012-13	Research and Planning
YR 2:	2013-14	MLD Summer & Extended School Year Pilot Plan
YR 3:	2014-15	District Wireless Infrastructure Plan Gradual & Systematic Campus Rollout
YR 4-5	2015-16 & 2016-17	Continuation and/or Expansion of Rollout As applicable to current technology



Project Development - 5 Year Plan

- ▶ 5 Year MLD Plan
 - **Year 1** 2011-12 - Research
 - **Year 2** 2013-14 - District Wide Wireless Infrastructure Plan & Pilot begins 21 campuses
 - Summer 2013 Pilot
 - 8 Elementary Campuses - 1st Grade Classrooms
 - 9 Middle School Campuses - 8th Grade Science
 - 4 High School Campuses - 9th Grade Biology
 - Extended Year Pilot
 - Add Summer Pilot Teachers as Single Unit Users
 - Fall 2013 Phase 1: DUAL Campus Pilot begins:
 - 14 Cluster 1 schools - 3rd Grade
 - Spring 2014 Phase 2: Dual Campus Pilot Continues
 - 26 Cluster 1 & 2 schools - 2nd Grade
 - Individual Campus Purchases of MLDs for Administrators
 - Use Data Management for Assessment and Curriculum (DMAC)
 - Walk-throughs & PDAS Observations/Evaluations
 - **Year 3** - Gradual and Systematic Rollout Plan
 - Pending the results of the Pilot Year 2
 - **Years 4-5** - Continuation and/or Expansion of Rollout
 - As deemed applicable to current technology



Wireless Network Infrastructure

Provide 100% District-Wide Wireless Infrastructure

- Project Board Approval – April 2013
- 40 Campuses + 3 Auxiliary Campuses
- District Offices
- Project Implementation
 - Date initiated: June 2013
 - Estimated Date of Completion: December 2013



Summer 2013 MLD Pilot



Elementary

- # of Schools:
4 Summer Sites (8 Schools)
*(AHS – Gutierrez/Clark) *(USHS – Ruiz/Salinas)
*(UHS – Kazen/Finley) *(LBJ – Prada/Arndt)
- Target Grade & Subjects:
1st Math, Reading, Social Studies, Language Arts
- # Classroom per Site:
4 campuses with 1:1
4 sites with Centers

Middle

- # of Schools:
4 Summer Sites (9 Schools)
(LOMS,SGMS,LBVMS) (AGMS,USMS)
(CMS,UMS) (TMS,GWMS)
- Target Grade & Subjects:
8th Science Pull Outs
- # Classrooms:
9 1per school

High

- # of Schools:
2 Summer Sites (4 Schools)
(AHS,UHS) (LBJ,USHS)
- Target Grade & Subjects:
9th Grade Biology EOC
- #Classrooms:
4 classrooms 1per school

COMPLETED

Total # Summer Pilot
Student Devices
Deployed: 425

Total # Summer Pilot
Teacher Devices
Deployed: 21

Professional Development Plan

Summer Pilot 2013



COMPLETED

- ▶ Summer Professional Development:
 - 8 Elementary 1st Grade Teachers
 - 9 Middle School 8th Grade Science Teachers
 - 4 High School Biology Teachers
- ▶ Summer Pilot PD Dates
 - May 27th – 6 Hr. Training Session
 - iPad District User Overview – Technology
 - iPad Basics
 - Integrating iPads into Summer Curriculum
 - June 8th – 2 Hr. Training
 - Q & A & Instructional Support (as needed)
- ▶ Atomic Learning – On-Line subscription service
 - Will provide teachers with 24/7 online access to video trainings on relevant instructional and technology integration topics.

Evaluation Plan - Summer Pilot 2013



- ▶ Evaluation Plan Expectations
 - Measure Pilot's Instructional Value
 - Student Achievement
 - Level of Engagement
 - Attendance
 - Discipline
 - Pilot's Infrastructure & Technical Support
 - Wireless Network Connectivity
 - Air Watch Administrator Reports
 - MDM Administrator Support
 - Device Technical Support (Work Orders)
- ▶ Evaluation Methods
 - District Designed Instruments
 - Instructional Evaluation Forms
 - Classroom Observations
 - End of Pilot Evaluation
 - eChalk
 - Students,
 - Teachers
 - Administrators
- ▶ Instructional TV
 - Record Anecdotal Program Remarks
 - Students
 - Administrators
 - Teachers
- ▶ Pilot Campus Observations
 - Instructional Coordinators
 - Elementary – Math, Science, Reading, Writing
 - Middle – 8th Grade Science Pull Outs
 - High – 9th Grade Biology – EOC
 - Technology & Online Curriculum
 - Instructional Technology Program Coordinators
 - Elementary – 1
 - Secondary – 2
- ▶ Summer Program Pilot Survey

CONFIDENTIAL

2013-14 Pilot Maintenance: Extended Year & PD

- ▶ ***Elementary**
 - 8 campuses continue to participate
 - 1st Gr Teachers plus summer teachers as single unit users
 - 4 schools with 1:1 devices
 - 4 School with Centers Sets of up to 7 devices
 - Center Set size depending on enrollment of 1:1 classrooms
- ▶ ***Middle**
 - 9 All Middle schools continue to participate
 - 8th Grade Science Teachers selected by campus principals
 - Summer pilot teachers continue as Single Unit Users Science Grades 6-8
 - 9 Classrooms 1 per Campus – Set of 30 student devices
- ▶ ***High**
 - 4 All High Schools continue to participate
 - 9th Grade Biology teachers selected by Principals
 - Summer Pilot Teachers continue as Single Unit Users Science Grades 9-12
 - 4 Classroom 1 per campus – Set of 30 student devices

▶ PD for Extended Year Teachers

- Fall 2013 – Spring 2014 – Specific dates TBA
- iPad District User Updates
- Productivity Apps
- iPad Basics – For New participating teachers
- Integrating iPads into School Year Curriculum
- Atomic Learning – On-Line subscription service

*** Various Campus Administrators will be piloting the use of iPads for Observations, Walk-thoroughs and PDAS Evaluations, meetings, presentations, access to IRIS, DMAC, etc...**

2013-14 Pilot Maintenance: Evaluation Plan

- ▶ **Evaluation Plan Expectations** ▶ **Pilot Campus Observations**
 - Measure Pilot's Instructional Value
 - Student Achievement
 - Level of Engagement
 - Attendance
 - Discipline
 - Pilot's Infrastructure & Technical Support
 - Wireless Network Connectivity
 - Air Watch Administrator Reports
 - MDM Administrator Support
 - Device Technical Support (Work Orders)
 - Instructional Coordinators
 - Elementary – Math, Reading, Writing
 - Middle – 8th Grade Science Pull Outs
 - High – 9th Grade Biology – EOC
 - Technology & Online Curriculum
 - Instructional Technology Program Coordinators
 - Elementary – 1
 - Middle – 1
 - High – 1
 - Elem, Middle High – 1
- ▶ **Evaluation Methods** ▶ **MOY and EOY Program Pilot Survey**
 - District Designed Instruments
 - Instructional Evaluation Forms
 - Classroom Observations
 - End of Pilot Evaluation
 - Participating Student Test Scores
 - Compare scores of similar student groups
 - eChalk
 - Students,
 - Teachers
 - Administrators
 - Instructional TV – EOY
 - Record Anecdotal Pilot Program Remarks
 - Students
 - Teachers
 - Administrators

Special Education & Mobile Devices for Assistive Learning & Instructional Use

- ▶ Assistive Learning
 - Campus & Home Instruction
 - Teachers & Students
 - Classroom setting as per ARD recommendation
 - As a communication Device for Life Skills
 - Behavior Management Tool
 - Speech Tools
 - Instructional Apps
- ▶ Number of Student Devices: 32
- ▶ Access to Programs
 - OdysseyWare – Supplementary, Credit Recovery, Advancement to remain on cohort
 - Achieve 3000 – Reading & Writing
 - Ignite Learning – Homebound Supplementary Instruction
 - All Core Subject
 - Functional Skills Systems – Social Skills App (Autistic Population)
 - Adobe Connect – Distance Ed
 - Campus to Home for Real Time Instruction
 - SMART Exchange
 - Access to over 50,000 Teaching Resources
 - eChalk
 - Teacher Communication
 - Scope & Sequence
 - Class Pages

Special Education & Mobile Devices for Assistive Learning & Administrative Use

- ▶ Administrative Use – Campus and Department
 - Executive Director, Directors, Coordinators, Diagnosticians, Speech Therapists, Behavior Specialists, Licensed Specialist In School Psychology, Occupational Therapists
 - Access to eSPED system
 - DMAC Access
 - Campus Data
 - PDAS
 - IRIS
 - Texas Special Education Reference Suite
 - Special Education Reference Guide – Region 4
 - CourseSmart – Online Textbooks
 - Khan Academy
 - Office Suite
- ▶ Number of Devices: 69

DUAL Program – Elementary iPad Pilot

- ▶ Phase 1: 2013–2014
- ▶ Implementation Grade: 3rd
- ▶ Teachers Per Campus: 2
- ▶ Phase 1 Campuses: 14
 - Arndt
 - Borchers
 - Col. Santos
 - Cuellar
 - Garcia
 - Gutierrez
 - Killam
 - Malakoff
 - Muller
 - Nye
 - Perez
 - Ruiz
 - Salinas
 - Zaffirini
- ▶ Deployment Type: Student Centers (Set of 10 per class)
- ▶ Total Student Units: 142
- ▶ Total Teacher Units: 28
- ▶ Phase 2 Date: January 2014
- ▶ Phase 2: Cluster 1 & 2 Schools : All 26 Elementary Schools
2nd Grade DUAL Program Classrooms



Interactive Technology

Proposed Plan for Interactive Technology

- A. Panels will allow for the replacement of aged projectors, screens and televisions. Specifically:
- EIKI Projectors
 - Expensive Bulbs
 - Ceiling Mounts
 - Regular Maintenance
 - Older and poorly functioning Projection Screens
 - Older Televisions
 - And/or provide for elective classrooms without projectors or televisions
- B. New Panel Technology can be used as:
- Quad Touch Interactive Boards
 - Projection Screens
 - Televisions
 - To lead the integration of instructional activities with mobile learning devices



Interactive Technology

Professional Development

- A. Train Administrator's on enhancing instructional expectations for the integration and use of Interactive Technology in the lesson cycle
- B. Instructional Technology staff will provide Interactive Technology trainings for:
 - Core Instructional Coordinators
 - Campus Administrators
 - Campus Educational Technology Trainers (ETT's)
 - Core Teachers and Media Specialists
- C. Instructional Technology staff will provide Instructional Technology trainings on:
 - Basic Interactive Technology Board Use
 - Creating Integrated Interactive Technology Lessons
 - Accessing Lessons from the SMART Exchange



QUESTIONS

