



UNITED INDEPENDENT SCHOOL DISTRICT INFORMATIONAL ITEM

TOPIC: Overview of Technology Committee Survey Results

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

OF: Curriculum & Instruction Department

APPROVED FOR TRANSMITTAL TO SCHOOL BOARD: _____

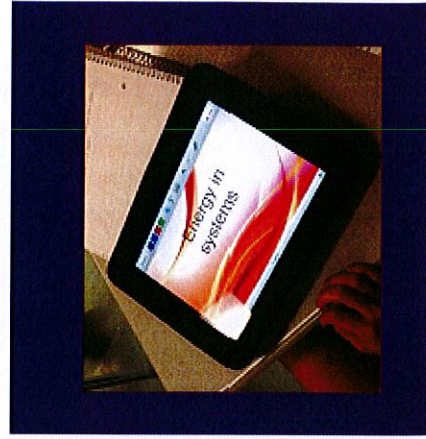
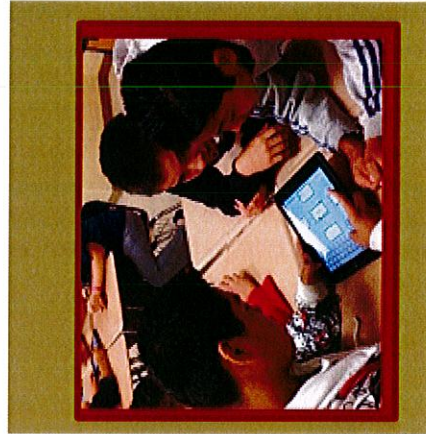
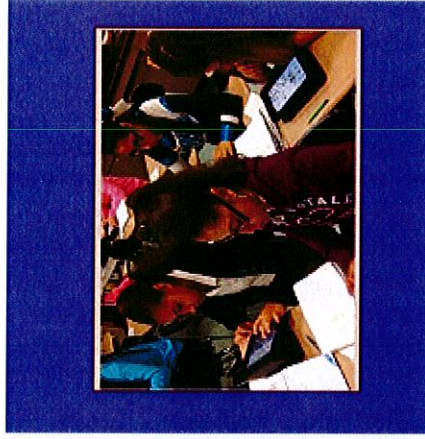
DATE ASSIGNED FOR BOARD CONSIDERATION: April 15, 2014

INFORMATIONAL REPORT:

The UISD Technology Committee Subcommittees developed four different online surveys to be administered to UISD parents, students, teachers and staff. The purpose of the surveys was to seek input from UISD stakeholders in order to guide the District in identifying needs pertaining to infrastructure, teaching and learning, professional development and leadership.

The survey period was January 22 – January 31, 2014. The survey results were presented to the four UISD Technology Subcommittees at the February 26, 2014 meeting. The different subcommittees analyzed and provided input at their breakout meetings and regrouped to present their recommendations to the full UISD Technology Committee. The full committee had input into the subcommittee recommendations.

Findings and Recommendations from the February 26th meeting are attached.



Technology Survey Results

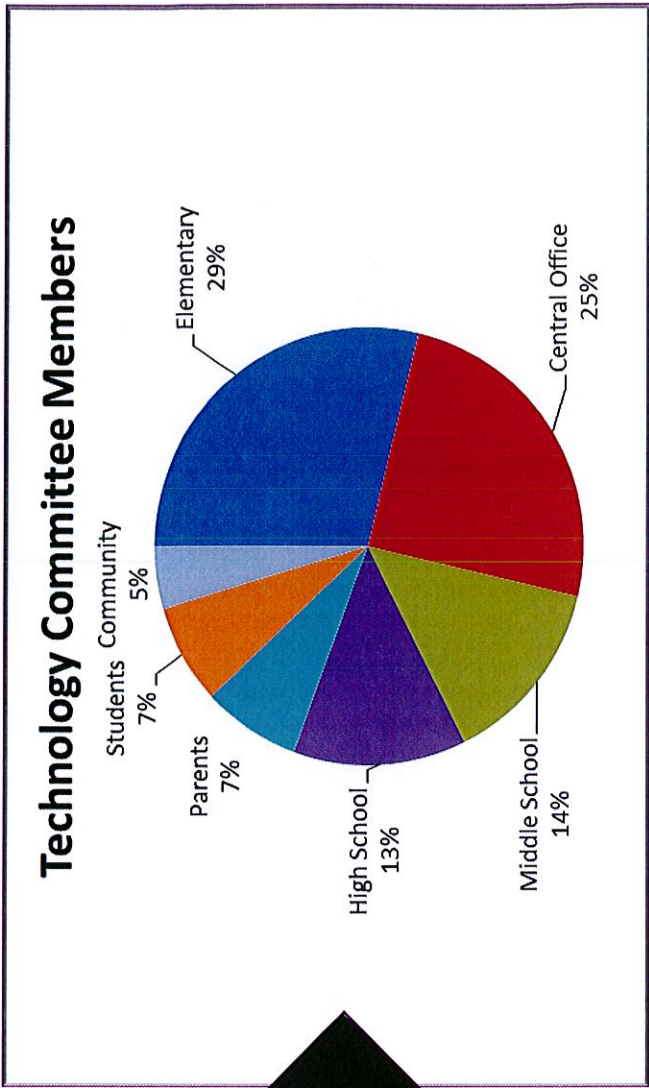
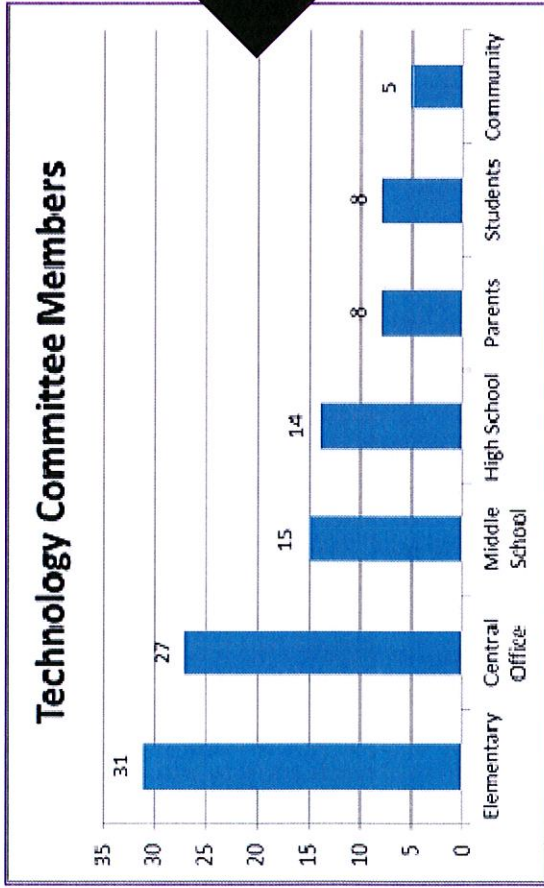
Instructional Committee Meeting

April 8, 2014

Technology Committee Membership

Established November 21, 2013

108 members



75% Teachers, Parents, Students, Community

+ Technology Committee Members

Elementary

Campus/Department	Grade Level	Last Name	First Name
Arndt Elementary	3	Gonzalez	Alexis
Borchers Elementary	3	Garcia-Perez	Marissa
Centeno Elementary	Principal	De Los Santos	Laura
Centeno Elementary	3	Gonzalez	Nora
Clark Elementary	3	Mendez	Rebecca
Col. Santos Benavides Elementary	K	Ramirez	Cynthia
Cuellar Elementary	1	Gonzalez	Carla
De Llano Elementary	4	Martinez	Silvia
Fasken Elementary	1	Posadas	Belinda
Finley Elementary	4	Castillo	Elvia
Finley Elementary	Library Media Spec.	Ramos	Jackie
Garcia Elementary	1	Knudson	Diana
Gutierrez Elementary	Principal	Dovalina	Claudia
Gutierrez Elementary	2	Esparza	Patricia
Juarez-Lincoln ECC	K	Saldana	Juan
Juarez-Lincoln Elementary	4	Escamilla	Beatriz
Kazen Elementary	3	Martinez	Lorie
Kennedy-Zapata Elementary	K	Cardenas	Patricia
Killam Elementary	4	Esquivel	Ofilia
Malakoff Elementary	1	Flores	Michelle
Muller Elementary	2	Martinez	Elsie
Newman Elementary	5	Hinojosa	Rachel
Nye Elementary	1	Benavides	Luis
Perez Elementary	3	Flores	Araceli
Prada Elementary	PK	Gonzalez	Julio
Roosevelt Elementary	1	Infante	Aurora
Roosevelt Elementary	3	Salinas	Angie
Ruiz Elementary	5	Garza	Danelle
Salinas Elementary	2	Perez	Juan
Trautman Elementary	5	Lewis	Adriana G
Zaffirini Elementary	2	Gonzalez	Marlene

+ Technology Committee Members

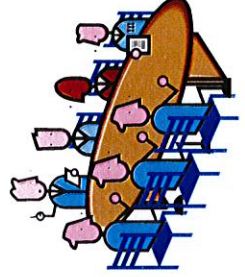
Secondary (Middle and High School)

Campus/Department	Grade Level	Last Name	First Name
Antonio Gonzalez M.S.	7	Cantu	Timothy
Clark M.S.	Principal	Rodriguez	Rene
Clark M.S.	8	Rodriguez-Hill	Teresa
Lamar Bruni Vergara M.S.	8	Hernandez	Maria
Los Obispos M.S.	8	Costilla	Anita
Los Obispos M.S.	8	Duarte	Alexander
Salvador Garcia M.S.	8	Gonzalez	Brenda
Trautmann M.S.	7	Garcia	Cesar
Trautmann M.S.	Principal	Menchaca	Leticia
Trautmann M.S. 6th Grade			
Campus	6	Maldonado	Darlene
United M.S.	8	Rodriguez	Rosalinda
United M.S.	6	Salinas	Selika
United South M.S.	8	Sanchez	Gloria
Washington M.S.	Library Media Spec.	Ortiz	Laura
Washington M.S.	8	Pena	Carmen
Cherish Center	12	Avalos	Sanjuanita
J.B. Alexander H.S.	12	Escamilla	Carmen
J.B. Alexander H.S.	12	Longoria	Jose Luis
L.B. Johnson H.S.	12	Garza	Jessica
L.B. Johnson H.S.	Asst. Principal	Hinojosa	Patricia
L.B. Johnson H.S.	Library Media Spec.	Ramon	Raquel
S.T.E.P. Academy	9	Pecina	Frances
United H.S.	11	Garza	Elise
United H.S.	Asst. Principal	Lopez	Joseph C.
United H.S.	Library Media Spec.	Rodriguez	Nidia
United H.S. 9th Grade Campus	Library Media Spec.	Moncivais	Leticia
United H.S. 9th Grade Campus	9	Tamez	Norma
United South H.S.	12	Garcia	Rachel
United South H.S.	12	Gonzalez	Griselda

+Technology Committee Members

Community, Parents, Students

Campus/Department	Grade Level	Last Name	First Name
FalconSure Insurance Agency	Business/Industry	Gonzalez	Jorge
J.B. Alexander H.S.	Parent	Avina	Lourdes G.
J.B. Alexander H.S.	Parent	Avina	Ramon
J.B. Alexander H.S.	Student	Barrera	Elizabeth
J.B. Alexander H.S.	Student	Saldana	Ricardo
L.B. Johnson H.S.	Student	Aguilar	Alessandra
L.B. Johnson H.S.	Parent	Hinojosa	Janie
L.B. Johnson H.S.	Parent	Landa	Griselda
L.B. Johnson H.S.	Student	Rangel	Ricardo
Laredo Community College	Business/Industry	Ramon	Luciano
Laredo Federal Credit Union	Business/Industry	Martinez	Rafael
South Texas Workforce	Business/Industry	Trevino	Rogelio
TAMU	Business/Industry	Abrego	Patricia
United H.S.	Parent	Aldape	Cindy
United H.S.	Parent	Misteli	Leticia
United H.S.	Student	Morales	Virginia
United H.S.	Student	Ramirez	Selika
United South H.S.	Student	Flores	Alejandra
United South H.S.	Student	Medellin	Alex
United South H.S.	Parent	Ponce	Rita
United South H.S.	Parent	Solis	Dean



+ Technology Committee Members

Central Office

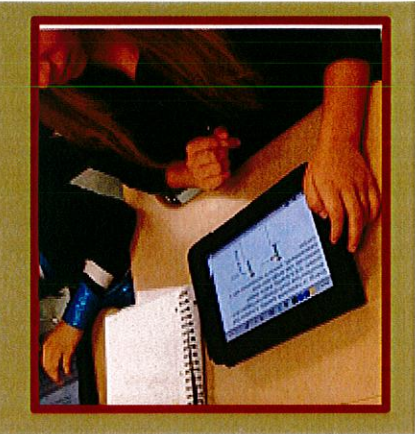
Campus/Department	Grade Level	Last Name	First Name
Construction Management	Director of Construction	Alaniz	Ignacio
Curriculum and Instruction	Exec. Director of High School Ed. Exec. Director of School Improvement	Canales	David
Curriculum and Instruction	Middle School Science Coordinator	Cruz	Melissa
Curriculum and Instruction	IT Coord/Online	Gabrillo	Claudia
Curriculum and Instruction	Exec. Director of Middle School Ed.	Garcia	Judy
Curriculum and Instruction	Exec. Director of Accountability	Gonzalez	David
Curriculum and Instruction	Instr. Tech. Coord.	Leza	Emma
Curriculum and Instruction	Director of Special Ed.	Manning	Belinda
Curriculum and Instruction	Bilingual Director	Perez	Lupita
Curriculum and Instruction	Library Media Spec.	Pompa	Carmen
Curriculum and Instruction	Exec. Director of Elementary Ed.	Ramirez	Adriana
Curriculum and Instruction	Instr. Tech. Coord.	Rodriguez	Cindy
Curriculum and Instruction	Prof. Dev. Director	Romanelli	Chris
Curriculum and Instruction	Instr. Tech. Coord.	Taboada	Celia
Facilities/Maintenance	Facilities Director	Vidaurri	Christina
Information Technology	Telecommunications	Davila	Juan
Information Technology	Network Supervisor	King	Casey
Purchasing	Purchasing Manager	Tamez	Cesar
Superintendent's Office	Asst. Super. for Bus./Finance	Mendoza	Karina
Superintendent's Office	Director of Information Technology	Benavides	Laida
Superintendent's Office	Director of Purchasing	Cruz	Rene
Superintendent's Office	Exec. Director of Fed. & State Comp.	Flores-Jackson	Cordy
Superintendent's Office	Director of Student Relations	Juarez	Elia
Superintendent's Office	Exec. Director of IT	Perez	Annette
Superintendent's Office	Facilities/Construction	Perez	Hector
Superintendent's Office	Asst. Super. for Administration	Rangel	Enrique
Superintendent's Office		Rendon	Gloria

Technology Survey Demographics

Survey window: January 22-31, 2014

Subcommittee	Targeted Audience	Number of Respondents
Teaching/Learning	Students	<u>18,968</u> students in grades 4-12
Leadership	Administrators	<u>151</u> Principals, Asst. Principals, Library Media Specialists, Academic Coordinators, Instructional Dept. Coord., Pathfinders, Ed. Tech. Trainers (ETT), Directors
Professional Development	Teachers	<u>1894</u> staff members responded. <u>1612</u> respondents were teachers in grades K-12. The remaining respondents included Principals, Asst. Principals, Library Media Specialists, Counselors, Nurses, Pathfinders, Dept. Chairs, Reading Intervention Teachers, Coaches, Educational Technology Trainers (ETT)
Infrastructure	Parents	<u>1694</u> parents completed the English survey <u>417</u> parents completed the Spanish survey

Findings



Access to Technology at Home – Teachers and Students

- 92% of parents who responded have a Windows computer.
- 53% of parents have an iPad.
- 70% of their children have their own device.
- 96% of parents have internet access at home.
- 93% have high-speed internet access.
- 87% of parents are satisfied with their access to UISD class pages.
- 97% of teachers have internet access at home.
- 97% have a desktop or laptop at home.
- The majority of teachers have mobile learning devices.
- The majority of students bring a smartphone or iPod to school.
- 89% of students surveyed believe that technology increases their motivation to learn.

Access to technology at school

- 65% of teachers use desktops daily.
- 53% of teachers indicated that their students do not have sufficient access to computer labs on campus.
- Teachers feel that existing equipment is old and working poorly and access to internet is inconsistent.
- 90% of teachers are not currently using a mobile learning device for instruction.
- Most students indicated that they would like to see more mobile devices in the classroom and more interactive boards for teachers.
- Teachers, students and administrators agree that the UISD filtering system is too restrictive.
- Like teachers, administrators feel that students need more access to computers, labs and internet.
- Additionally, administrators recommend that the ratio of students to computers be lowered.
- Administrators, students and teachers recommend acquiring interactive boards, mobile devices and response systems for teachers.

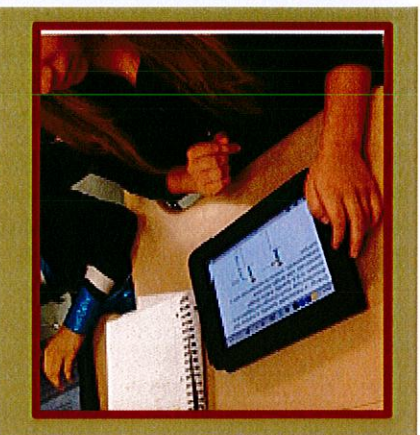
Bring Your Own Devices (BYOD)

1. 52% of parents approve of their child bringing their own device to school.
2. 48% of parents do not approve due to possibility of theft/loss.
3. 76% of teachers support a BYOD plan.
4. Most students would like to be allowed to bring their own device.

Teacher Professional Development and Need for Support Staff

- Teachers currently have and use a desktop/laptop, Eiki and document camera.
- The majority of teachers rated themselves as proficient in using Microsoft Word and PowerPoint, ERO and e-Chalk.
- 67% of teachers reported taking advantage of district technology offerings provided by instructional and technology coordinators during the summer.
- 42% of teachers have initiated classroom projects and assignments that require technology to complete.
- 72% of teachers responded that they would like to use mobile devices for instruction, 55% would like to use interactive boards and 44% would like to use response systems.
- 95% of teachers responded that they would like to see an instructional technology plan to assist them in building 21st Century skills.
- Teachers prefer face-to-face professional development, followed by online trainings and blended trainings.
- 70% prefer trainings to occur during their planning period and after school.
- 85% of teachers would like to see an Educational Technology Trainer (ETT) assigned to their campus.
- Administrators believe that more support staff is needed to support teachers in technology integration into their curriculum.

Recommendations





Increase Teacher/Student Access to Technology at School

1. Lower the ratio of students to computers to increase the number of computers/labs available to students. Consider providing larger rollouts of equipment for crucial grade levels.
2. Upgrade existing outdated equipment through the lease.
3. Update software.
4. Provide remote file storage.
5. Decrease filtering.
6. Include mobile devices, interactive boards and response systems in the lease or as part of the bond purchase.
7. Provide access to computers or mobile devices for use before and after school.



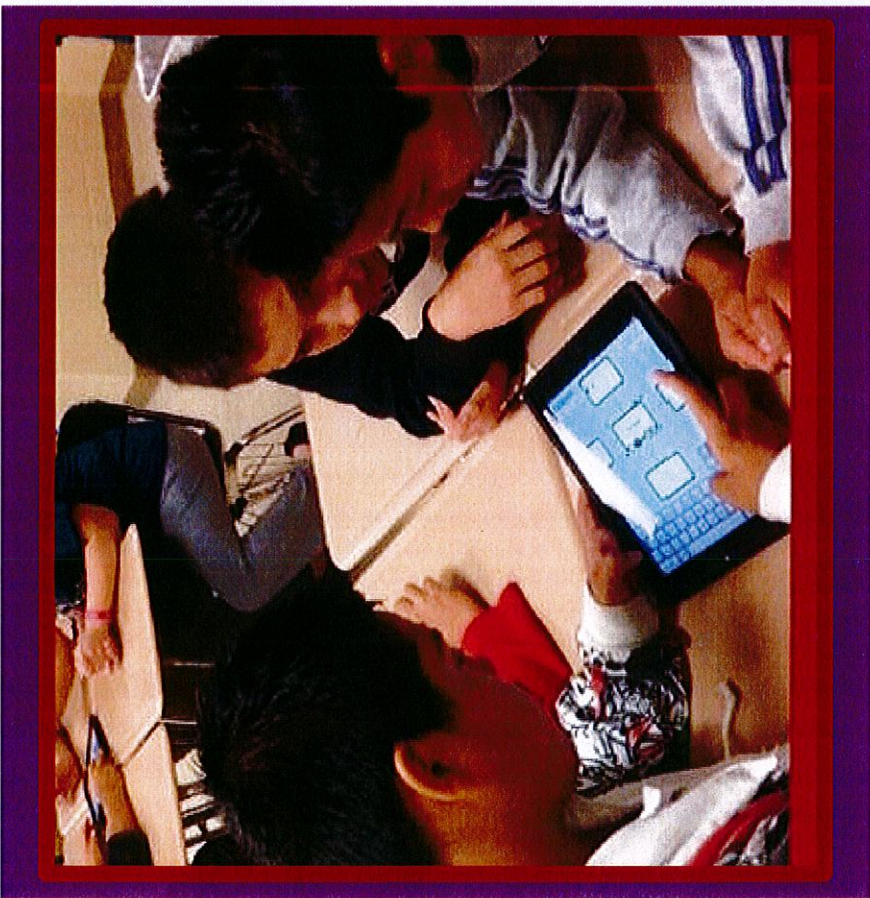
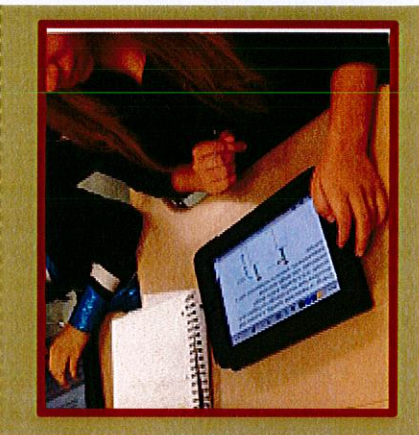
Implement BYOD to Help Increase Student Access to Technology

1. Implement BYOD in grades 4-12 to assist the district in providing a lower student to computer ratio.
2. Standardize the device/platform that can be used in BYOD.
3. Standardize student software applications in order that they will be accessible to all users regardless of user's device.
4. Devices brought for BYOD must log in to the district's network while used in school.
5. Continue to enhance the UISD Network Infrastructure to ensure 24/7 high speed access to UISD software applications.
6. Consider a student device check-out program to enable students who do not have access to a device to take UISD equipment home to take advantage of the high-speed internet access at home.
7. Educate parents regarding UISD BYOD policies and about lost or stolen devices.



Professional Development

1. Develop and implement a District Technology Professional/Staff Training Plan.
2. Professional/Staff Training Plan should include modules for integration of technology into instruction and computer literacy (Microsoft Office, Web 2.0, Interactive Boards, new devices, troubleshooting, Distance Learning, Google, etc.)
3. Hire full-time Educational Technology Trainers (ETTs) for each campus.
4. Coordinate ETT and Instructional Technology Trainers (ITTs) so that they may provide services/accessibility in a timely manner.
5. Provide an employee purchase plan for computers/mobile devices for completion of technology training modules.



End of Presentation