

**Technology Focus Group-Question #1: “Building on Our Strengths: What’s working well in our current work environment?”**

<b>West Cluster</b>	<b>East Cluster</b>	<b>Central Cluster</b>	<b>Administrative / Support</b>
Equipment: Computers, Video Imaging Devices, Digital video camera, CD Burners, Mobile Broadcast Carts, Wireless items (keyboard, mouse), Smartboards, TV/VCR/Laser Disc combination, Laser Printers, TI Graphing Calculators, AV bundles	Equipment: Computers, Laptops, Video Imaging Devices, Electronic metronomes in music, Special needs equipment-alpha smart, auditory aids, Handheld devices, Scanners	Equipment: Computers, Mobile Broadcast Carts, Video Imaging Devices, touch screen computers, graphing calculators, computer labs, digital cameras, Closed circuit TV/Cable, AV bundle	Equipment: Hardware-good, working, useable – Laptops, Color Printers, computers in classrooms, AV bundle
Telephone system	Phone system- ability to conference call	Phone system- ability to conference call	Streamline phone system: Phone number organization. Web-based phone directory Voicemail
Email		Email-easy to use, usage over board areas, finding email addresses	Email-Board updates after School Board meetings
Remote Access & Resources available through intranet	Remote access-being able to do grade book	Remote access-grades, finish a lesson, transfer from school to home and vice versa	Remote Access
Software: Upgrades to Windows 2000, Amount of software to compliment instruction, IEP Software, Word Art Program, ESOL, special areas, Ellis Software for ESL, Adobe Photoshop, Alpha Smart	Software: Windows 2000 and Office 2000, Updated software. Photoshop & other graphics software in art classroom. Elementary math software & other integrated software Power Point-students love the creativity	Software: Update to Windows 2000 (PowerPoint, k-12 Publisher), Integrated and availability, Special needs, board maker software, finding new programs, Dreamweaver, Special ed, Elementary, Micro Pace Pro, Mavis Beacon	Software: Windows 2000, Multi-level software on servers
Streaming Video	Streaming Video	Video Streaming-shorter time span, easier to integrate into a lesson	Streaming Videos

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Pinnacle-attendance and grade on line	Pinnacle grade book-including attendance	Pinnacle attendance and grade reporting, averaging grades automatically	
EdSoft	EdSoft	Edsoft	
Internet Access	PISD website w/update links, Integrated websites	Internet access-high speed, Internet keeps education up to date, Internet research availability	Website: Intranet and Internet-web pages with links, city telephone directory, Fiber Optic Network
Online: Middle School Curriculum Online, Scheduling, lunch count	Online: Resources-text books, MSP, self-contained units w/modules, grading (Williams, Vines), tutorials, Office Depot orders, lunch count, attendance, grades, risk mgmt, general info, library system-bringing public & district together	Online: Middle School Curriculum Online, PDH registration, common access to electronic resources, general information, Risk management, network training, Library resources	Online: Online PO system Online vendor catalog (Office Depot, etc.) Online employment application Online training Online credit card payments Catalogs online PDH registration
eClassroom	eClassroom	ePay, eCommerce	ePay, eRecruiter
CIMS			CIMS-centralized with clean data, Criminal background checks, Student information, scheduling, employee look-up
	Help desk-minimal down time	CTA on every campus	CTA’s – increasing roll: Support student’s needs Main contact – hardware and software on campus, Technology trainers/specialists and the relationship with the areas of curriculum they support
	Distance learning	Distance Learning	

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	Report cards from Prologic	Report cards coming from Prologic	
BESS is effective	BESS	BESS	
Template drive, Project drive	Shared group drives – g-drive		
Training and support	Training sessions with handouts		Network training
Earobics & speech viewer	Zen works for launching applications	School Messenger	TSSI – payroll – info more accurate, subsystem
Language Labs	Ability to multi task	Ability to monitor students, multi task	Pre-screening process for teacher candidates
	Working collaborative on projects		Upgrade of business labs - # of computers
			Absence verification

**Technology Focus Group - Question #2: “Strengthening Our Technology Uses: What areas need improvement?”**

West Cluster	East Cluster	Central Cluster	Administrative / Support
<p>Equipment: Wireless computers in offices. Laptops have limited battery capacity. Need more computers, laptops, Palms, and other tools. Make wireless items more available (keyboard, mouse) Make computers available to all teachers for home use Laser Discs are slow-convert to Streaming Video, DVD Need better projections devices in elementary such as multi-media projection devices and VID Need labs to listen to elementary students to read, stationary labs for full group instruction of a new skill. Need more labs-MAP test. Current CD drives have difficulty reading new CDRW</p>	<p>Equipment: Need more computers/laptops. Need improvement in computer speed. Every staff member needs individual computer-special areas share one computer. Wireless mice in all classrooms. AV bundles not uniform-too bulky and not compatible. Some scanners not working with Windows 2000. Better headphones, more VIDs, more CD burners to use CDs as storage. Mounted projectors in every classroom. Need projectors in libraries Better headphones. TV’s mounted on ceiling. Elmo to replace overheads. TI 92 calculators integrated with computers Age appropriate keyboards and mice. Wireless mice in all classrooms. Mini-labs in elementary for Sp Ed, ESL, Content Mastery, etc. Elementary needs a regular size lab –maybe portable</p>	<p>Equipment: Make computers work stand alone when network is down More wireless set ups that can be brought to classroom DVDs and CDs-with multiple jacks AV Bundles that work. Art, music, theater, fine arts, math, foreign language want AV bundles too. UPS (battery backup) for all systems Every staff member needs individual computer-special areas share one computer, elective teachers want same equipment as core teachers. Faster computers, more scanners, more digital cameras, more computers in math classes, more computers at point of need, more computers in library for growing numbers and after school research Mounted projectors in libraries Special Ed-more computers for students and teachers, need VID’s and digital cameras</p>	<p>Equipment: Standardizing AV bundles / technology into areas other than core curriculum. Need time clock system Expand Wireless Technology for Security. Mounted projectors and computers in all conference rooms. Improve speed of classroom computers. Mounted projectors and computers in all conference rooms.</p>

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<p>More control over printing and print options-2 sided printing, print to Xerox                      Ability to view &amp; cancel print jobs (student and teacher)</p>	<p>Need printers in classroom, localize color printers, printers require 2 steps/Why? Need increased budgets for cartridges                      Canceling print jobs in classroom                      ESOL and language arts access printers in classroom                      Send document electronically to copy center</p>	<p>Printers in classroom-they get backup with sharing, upgrade printers, color printers                      More than 1 copier per campus, Print from computer to copier, color copier, higher quality printers for art</p>	
<p>Add more letters to email addresses to avoid misplaced mail.                      Email via MAC in MacIntosh format</p>		<p>Email notice when teacher has voicemail                      Student email and transfer of projects between school and home, junk mail filters</p>	<p>Make all staff are available in GroupWise                      Inability to contact some e-mail addresses Email routing system with approval option</p>
	<p>Every phone should have a message light.                      Voice mail needs better automated name search per campus not district                      Need to receive phone calls on extensions</p>	<p>Caller ID on all phones with name                      7 phone number, speaker phone, transfer ability                      Every phone should have a message light                      Voice mail needs better automated name search per campus not district</p>	<p>New employee phone numbers assigned quicker                      Add phone, school into GroupWise Database</p>
	<p>Improvement of daily nurses’ log                      Nurses need updated database</p>	<p>Nurses need updated database</p>	

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<p>Software:                      Class list for software, list of available technology, software, location &amp; items.                      Improve turn around time for software approval.                      Software needs to be networked not on CD's.                      Make sure software works before reaching campuses.                      Need additional math software                      Student computer monitoring software- “Virtual Classroom” allows teachers ability to control student machines during instruction and then free them up for independent work time</p>	<p>Software:                      New software- lost programs/application – needs replacement.                      Remote access of specialized software                      More bilingual software programs.                      More networked software-logistics of handling CDs.                      More Math software-replace software that was sunset.                      Kindergarten screen savers too quick.                      Electronic IEP has problems                      Improved access to TAKS supported software.</p>	<p>Software: Lost software with no replacement, Pair It program freezes a lot, want Print Shop in classroom, more CDs of programs, want Board Maker, more earobic CDs per classroom, improvement on the strategic special ed software. Improve procedure and speed in acquiring approval for new software. Instructional software-extra software for above level kids.                      Horizon-not good need new tech.                      New software is not installed in a timely manner and lack of training, lack of math software. Plagiarism software, software and hardware synopsis by grade level, kindergarten screen savers                      Process of introducing software-school buys it, teachers researches, sends to technology to preview and goes into a “black hole”                      Put                      CTA/library/attendance/counselor on same software</p>	<p>Software: Standardize software                      More control over screen savers                      Need to streamline approval process for new software</p>

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	Teacher access to CIMS Integration of CIMS	CIMS available to teachers-get rid of DOS appearance of CIMS	CIMS-needs to be more user friendly: Can go out to Excel/Access but not reversed; query / report writer needs to be more user friendly More integration with district programs (CIMS, Finance, FANS, etc.) CIMS-Data needs to be updated quicker and accurate; “Real Time”- example-class ranking. CIMS (Financial) Queries for reports too slow
BESS-different filters for teachers and students or no filter for teacher	BESS is an issue-teacher override especially for science	BESS needs 3 levels: Elementary, Secondary, Administration	Internet Filter (BESS) different levels for user groups
EdSoft: inaccurate data, not user friendly, need additional training	EdSoft- speed –interface crashes and too many users	EdSoft- not user friendly, inefficient, data input too time consuming EdSoft needs to be integrated so that effort isn’t duplicated Input directly to EdSoft	Connectivity issue in copy printing for EdSoft, copy center, classroom, offices
Streaming video-needs clarity in audio and visual Improve Video Streaming – more math & science – more recent videos	Streaming video-poor sound and picture quality, need more variety at low (K-2) level Video streaming need more art and music. Sound on video streaming should come through TV; improve search options, cross referencing	Video Streaming- more selection and better quality Closed captioning for hearing impaired on TV’s/Projectors/Video Streaming	

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<p>Changing student passwords-time consuming, difficult for primary students                      Password changes not before a weekend and not all at the same time                      Teachers to be able to log on for students                      Log-in time too slow, especially students</p>	<p>Student password change                      Too many different passwords                      Passwords reset for students</p>	<p>Special kindergarten logins</p>	
<p>Login and log out time too long                      Multiple log-ins for teachers</p>	<p>Need additional logins                      Login too slow.                      Releasing of password needs quicker turnaround                      Logins-teachers need 2 logins, 1 for admin (attendance, etc) 1 for instructional- login downtime during log out and log back in-naming convention for Sp Ed students</p>	<p>Multiple logins, limited substitute login                      Login too slow, need additional logins, releasing of password-need quicker turnaround</p>	<p>Need multiple logins</p>
<p>Unlimited teacher computer drive memory</p>	<p>Increase drive space.                      More memory for Photoshop</p>	<p>More hardware storage capacity                      Memory increases</p>	

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<p>Online: Directions for Software Management Systems (K-5), Curriculum workbook pages online – allows teacher more flexibility with assignments and planning, no longer reliant on the Copy Center Put Portfolio Bands Online (K-2). Online substitute system Online teacher &amp; student website development – lost Netscape composer</p>	<p>Online: Online tutorials, campus based, cluster sites, “train the trainer” model used on a teacher level, more file management Online training, Microsoft suite on site training, ability-leveled training, see how training for technology applications occurred – use as model Ability to make bus reservations online by teachers</p>	<p>Online: Online catalogs of all district equipment, ticket purchase for all district activities, substitute could email lesson plan More parent forms, elementary to print own report cards.</p>	<p>Online: Make Professional Development Online registration available on the internet Expand online Professional Development classes Online bus driver/asst. training More on-line training for staff Forms</p>
<p>CTA’s not enough for support, need experts available and be in the building More staffing at help desk More money on help not more on technology. Breakdowns at building level and the amount of turnover time.</p>	<p>CTAs-ability level-more training educated w/software at campus More trained staff Trained staff to fix minor problems-CTA backup. More standardized training for CTAs.</p>	<p>Technology teacher or stipend for teacher helping with technology. CTA’s give them a raise, more job weight and responsibility, persons to assist with computers, need software specialists. Need contact name/list that is beyond scope of CTA’s.</p>	<p>Admin CTA More support (software-Dreamweaver, hardware) from Help Desk Need additional staffing (technical support staff) during critical times Need more support for posting web pages.</p>

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<p>Class list for software, list of available technology, software, location &amp; items.                      Improve turn around time for software approval.                      Better response at hardware/software problems.                      All curriculum areas need to be aware of available technology.                      Communication- let us know what is new, what is available, what we are losing due to updates.                      All curriculum areas need to be aware of technology available.</p>	<p>More notification when technology equipment is installed or replaced                      Improve coordination of projects so pieces arrive together.                      Need ETA on when equipment is being installed.                      Explanation of technology that is available.                      Improve software delivery                      Communication of what is available to all schools</p>	<p>Communication from technology of what is available from technology, what software is available, when critical updates need to happen, when new equipment is coming, when there will be server maintenance, CTA’s not always in technology loop.                      Replacement and repair-saying it will happen and it doesn’t                      Better recycle of “replaced” technology items                      Technology Digest</p>	<p>More communication on placement and location of equipment in classrooms.                      Service center projects – better communication of status.                      Maintenance of equipment is a time issue. Need to improve diagnostics-repair or replace. Improve process of transfer of equipment.</p>
<p>Training: PDH-needs to be overhauled                      More small group and online as part of PDH days, need to know how to use equipment, need software help.                      Follow-up &amp; mentoring, CTA is only one person.                      Hands- on training.                      More EdSoft training                      Lack of basic computer training                      More training in Middle School Project for elective teachers.</p>	<p>Training: Need additional training on curriculum software.                      Need “refresher” training.                      EdSoft-need more training.                      Train the trainer doesn’t always work.                      Training- more classes/summer classes at campus level.</p>	<p>Training: PDH days at building-mentoring for new teachers: EdSoft, Middle School Project, eClassroom, icons on machine-explain to teachers what they all are.                      Technology PDH day for teachers to help others not as comfortable.                      Need refresher courses, more PDH time- not on conference periods, CTA not trained on all programs, training on remote access for parents, students, teachers, training for sites students have at home                      Need additional training on curriculum software.                      Mandatory technology education for students (Scope and Sequence)</p>	<p>Training:                      More technology including tips                      Training options for if you purchase a new software program or piece of hardware                      Real time training                      More training &amp; more advanced classes in Excel, PDF, Dreamweaver, Scanning                      Lack of time for training</p>

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Pinnacle seating chart-needs desk and table set up	Pinnacle-attendance-time consuming—tremendous amount of data entry which clogs teachers’ time. Pinnacle support person on campus Set own percentage in Pinnacle. Integrate student photos into Pinnacle. Progress reports using Pinnacle design.	Pinnacle-automate tardies at 3 with notification to teacher. Pinnacle and EdSoft needs to be integrated so that effort isn’t duplicated. Input directly to EdSoft. Need Pinnacle support person on each campus.	
E-Classroom-better Calendar Creator and Point of Contact for support	Need a technology literacy course including keyboarding at a young age (elementary)	MAP testing on classroom computers creates poor testing environment	More streamline process for time sheets More streamline process for purchasing card system
High speed Internet access provided by the district for teachers at home	Counselor-schedule generation by computer so that it balances class size and avoids cross teaming	Curriculum guides don’t match technology	Board room – upgrade Microphones-lavaliere CD Rom
Need “kid friendly” manuals for basic computer skills, example: PowerPoint	More web based textbooks and curriculum resources	Need flexible design for technology configuration in student work area-too many visible cords, style of furniture not technology appropriate	Update web interface for textbook management with a more accessible database between district, campus and TEA
MAC server in Career Ed class-upgrade to OS-10	PDF files on web-like forms, newspapers, etc. Default school website	Internet access with teachable moment, web page-sharing suggestions, ability to default to student web page, stop Internet popup ads	Centralized data base for forms: Address changes – HR, Payroll & AP – currently 3 different forms Transportation – Fare bussing, summer school, many others New hire info Transfers & resignations
Teacher control of heat & A/C in classrooms	Continue Computers At Home program	Substitutes need access to Middle School logon	Need access to HR information, accrued “time off”
Need interactive books for ESOL	Elective teachers want same equipment as core teachers.	Classroom chat / message board	Improve procedure for replacement for small items in technology not just computers

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Screen saver not automatic to where you could log back into screen saver like attendance in Pinnacle that logs you out.	E-classroom-not allowed to link worksheet for middle school project	Acceptable Use Guidelines need better policy for secondary students	Utilizing Video Conferencing: For Professional Development classes Convocation Admin uses – meetings Administrators need: Broadcasting/video conferences Access to campus’ Campus to campus
Hardware-curriculum applications, productivity tools	Update curriculum technology reference & resources, i.e., Voyage of the Miami	Technology continuity and vertical integration, flexibility with resources	Checklist for required competencies for New Employees
Space: Wiring needs to tied up so as not to create hazardous environment Student and computers occupy the same space	List number of subs on easy access on web	Math TAKS videos	Equalization of hardware in elective classrooms as in core TV, mounted projectors, internet access Control allocation of technology at campus
Elective classes (art, foreign, languages) need more technology		Remote access-can’t set up sometimes, then accessing it, not releasing when return to school if it went down at home More support for remote access	Integration across the board: Planning Database
Better inclusion of technology in the curriculum-not in Math, Language Arts only in curriculum		MAP testing on classroom computers creates poor testing environment	
Equity for elementary, middle school, and secondary-everyone have what everyone else has			

**Technology Focus Group - Question #3 “Imagineering the ‘Impossible’: What would you like to accomplish to improve your area that’s currently not possible, and how can technology help?”**

West Cluster	East Cluster	Central Cluster	Administration / Support
<p>Equipment: Wireless laptops for each child in classroom (smaller workstations to free up room for other things). Need TV/monitor in every classroom. Printers in every room Remote mice More outlets for longer cords Big screen monitor for each campus. DVDs, CD burners Logitech camera, digital camera-quick pictures for classroom projects. Projectors – electronic calculator to project image. More walkie-talkies. More cell phones. Wireless phones with emergency capabilities. Whiteboard digital capture markers.</p>	<p>Equipment: Classroom set of laptops &amp; laptops for teachers to take home from school and be able to access school information, email, h-drive, etc. More networked computers/laptops. Resources-workstation more compact and CPU smaller. Computer/monitor-size combined &amp; lockable. Elementary computer labs More DVD players, scanners, color printers, printers, Elmos, CD burners, larger monitors, palm pilots for attendance. Universal remote for all equipment. Have meeting room with technology equipment permanently setup. Pen similar to C-CAT, optical reader/highlighter pen.</p>	<p>Equipment: Every student and staff member to have laptop computer for home with high-speed Internet access. Computerized handwriting tablet with auto correct, CD listening center, wireless handheld device, giant screen, wireless keyboards, mice, adaptive keyboards, universal remote for all equipment, digital cameras for every teacher, projectors for the elementary campuses, DVD player, remote control cameras, Palm pilots for students with keyboards, Smart boards rather than white boards to download arts, questions, etc., Infocus (DLP), Elmos for all teachers, LCD screens, Flat screen 19” monitors, TV monitors in every room, HDTV, smaller computers mounted at back of teacher desks. Computers connected to copier.</p>	<p>Equipment: Tablet computers, Palm with modem, video camera’s on every bus, Flat screen monitors. Bus monitoring system – monitors speed, stops, etc., voice recognition system for Security and Handicap/disabled students &amp; employees, Wireless system Wireless video on all buses, High quality scanner/printer for HR-pamphlets/fliers. Faster computers/printers. Large Screen TVs for group meetings. Larger monitors/Flat screen monitors, PALMS for staff- Palm technology for assessment for faster student feed back, attendance on Palm.</p>
<p>Login ID with thumbprint or retinal scan. Thumbprint for building access</p>	<p>Thumbprint/logon technology</p>	<p>Student ID Badges used with: Classroom entry, attendance, lockers, computer logon, printer access, library, cafeteria, security Thumb print entry to bathrooms, cards, attendance, lunches, etc.</p>	<p>Utilization of biometrics: Security, Logins, Transportation, Lunch room Student ID card for access to building, attendance, transportation Card swipe system for training and attendance</p>

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<p>Student email system Email folder that will not delete.</p>	<p>Auto email to parents for specific notices. Parent email address in Pinnacle Email outside the country to have pen pals for elementary students to be able to stay in touch until graduation</p>	<p>Student email – restricted so that students can submit work to teacher from school</p>	<p>Wireless access to e-mail and web- HR-Applications on spot— Access score on line, immediate feedback Connectivity at any campus Universal in box – fax/e-mail/voice mail</p>

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<p>Software: Electronic evaluation software-check for plagiarism grammar.</p> <p>Stay ahead of curve for software like “Expand”.</p> <p>Electronic editing/feedback software-allows teachers to edit &amp; enter feedback on screen</p> <p>Programs like web-Whacker and Snag It.</p> <p>Individualized and interactive for Audio-video lab-talk to student.</p> <p>System to listen to children for computerized assessment.</p> <p>Touch screens and voice input software.</p> <p>Software that can be individualized and interactive.</p> <p>Speed of access to programs.</p> <p>Additional software programs: music learning, math, ESOL</p> <p>Translation program online where teachers can translate “teacher notes” in student’s parent language.</p> <p>Access to all software applications allows student w/special needs to access lower level software</p> <p>TI Navigator Systems (HS/SH)</p>	<p>Software: Voice recognition-students read into a microphone and program evaluates, Automatic grading w/voice recognition and assessment.</p> <p>Software that takes control of student’s computer.</p> <p>Have special areas software available to classroom teacher.</p> <p>Software that filters out games.</p> <p>Software of automatic translation in native tongues.</p>	<p>Software: Software that will convert one concept into multi-grade levels.</p> <p>Have special areas software available to classroom teacher.</p> <p>Software that allows student takes test, grade it and enter grade into Pinnacle, software that moves student to next level automatically.</p> <p>Spanish software for bilingual classrooms, satellite access for foreign language classrooms.</p> <p>International language software.</p>	<p>Software: Refine inventory system, acknowledgement system for warehouse, Warehouse “Pic” system.</p> <p>Electronic vehicle repair status board – shows status of any down district vehicle.</p> <p>Underground fuel storage monitoring system.</p> <p>Imaging system – finance, transportation &amp; risk management.</p>

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<p>Online: Online curriculum bank sharing teacher-made materials Online help Online database of substitutes-allows teacher access to Sub ID, dates available, phone, etc. Parental forms online-emergency cards can be completed &amp; updated Student online discussion group. Collaborative computer systems for high schools-chat rooms between schools Books leveled online. Computerized lessons in every subject area. Paperless learning Textbooks online Electronic submission of assignments for student work</p>	<p>Online: Online-tutorials, software, hardware, frequently asked questions, inventory of software, resource index-bulletin board. Substitute request. Attendance at elementary level Online-holistic grading; essay, grammar, etc. Automated scheduler-teacher management tool, provides all teacher forms in one place, i.e. lesson plans, IEPs, TEKS, etc. Online-copy center, fill out form &amp; attach documents send directly to copy center. Substitute system. More online the better. All forms</p>	<p>Online: Textbooks online, teacher curriculum guides online or electronic format, template online for tests, place to share ideas on PISD web site, tutorials: software, hardware, Frequently Asked Questions; Inventory of software; Resource Index-bulletin board, online substitute request, links to sites in Application File in Favorites Attendance online with automation of tardies/attendance to send letters to parents TOPS-“Tickets Online at Plano Schools” for all school activities, eCommerce (football tickets, T-shirts)</p>	<p>Online: Online system with what if options for payroll (change deduction &amp; it shows bottom line change) Online property casualty system Principal’s would like access to PDA Appraisal System (online transcripts) “What If” (tax forms) scenarios online Streamlined resignation process online, Night and Summer school registration online, ePay status online Online bidding for purchasing Online forms Better financial programs – more on line/less paper</p>
<p>Virtual Classroom-teacher control over workstations Virtual monitoring of students Virtual Reality Tours – human body, frog dissection Virtual field trips over the world</p>		<p>Virtual field trips, Virtual planetarium; Student presentations and movies, Science experiments on computers in 3D Virtual classroom, virtual assemblies</p>	

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<p>Video conferencing w/other teachers in our subject areas at other school-same grade level and some vertical.                      More video conferencing units-can be able to do at different time and different places                      Video classroom lessons-streaming w/teacher control for homebound students, distant learning students</p>	<p>Easier use of video conferencing to allow for more spontaneity                       Ability to video yourself and send to students who need to make up work or when teacher cannot be there                      Video marquee in entryway of schools showing morning announcements, schedules, etc.                       Video Streaming-Music (Midi Files) &amp; in foreign languages, Video Streaming for classroom 24-7 for real world time.</p>	<p>Video conferencing district wide, Convocation via video conferencing                       Holographic video streaming                      Video Streaming-Music (Midi Files) and in foreign languages</p>	<p>Bring eSchool up to date in Video Streaming, Audio portions                       Digital video playback-special education</p>
<p>Training: Sufficient time for teacher training</p>	<p>Training: Better/more training on video streaming                      “Convention” style training (stations) for basic to advanced training</p>	<p>Training:</p>	<p>Training:</p>
<p>Instant messaging for emergency use only                      Different ring tone for in school lines versus outside lines                      Panic buttons in all schools in all classrooms.                      Panic ring for emergencies</p>		<p>Instant messaging for emergency only-comes up no matter what you are doing on the computer</p>	
<p>Scantron link to Pinnacle-tests scores go directly to grade book</p>	<p>Scantron reader compatible with pinnacle/grades</p>	<p>Student demographic data imported into Pinnacle                      Data entry either by talking into Edsoft, scanning it in, or wireless microphones to input data</p>	

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		Database of all teachers and create own lists, digital signature storage file	Create Database for sharing of data that is web based Visitor database with time sensitive badge Itinerant teachers have access to data systems Creating a central data base that all groups can pull from Curriculum database for teachers
High speed access at home for teachers through satellite.	Would like a teaching environment where the technology is invisible-uncluttered areas where everyone can see everything. Where things come down from the ceiling or up from the floor. Classroom design-desks have plugs where laptops can be plugged in. AC/Heat can be regulated in each classroom.	District curriculum guides, test bank	Website for new employees (information, meetings, schedules, etc.)
Every child has access to computers at home with Internet	Better home access for students besides remote access	Teacher Master Console – to monitor/control student computers, wireless touch panel to control entire classroom Ability of teacher to login all students in class, lab logout, easier login for primary grades	Principal viewer access to Night/Summer school grades Automated inventory control (FANS)

**Technology Focus Group - Question #3 “Imagineering the ‘Impossible’: What would you like to accomplish to improve your area that’s currently not possible, and how can technology help?”**

<b>West Cluster</b>	<b>East Cluster</b>	<b>Central Cluster</b>	<b>Administration / Support</b>
TAKS workbooks moved to the computer for instant grading and feedback for student and teacher	Resources-need to be updated, work room more like Kinkos. One location where technology options are listed so teacher’s can see what is available Applying technology selectively, know when it’s appropriate.	Partner with university, parent education on what’s happening in technology	Virtual computer-Remote control of district machines
Budget to meet specialized technology maintenance	Links to sites in Application File in Favorites	Employee payroll deduction to buy computers	Bar coded textbooks for inventory Ebooks Electronic textbooks to manipulate text
Print from computer to copier	Textbooks on Tablet	AC/Heat can be regulated by each classroom	Proactive technicians for developing / assisting with hardware/software applications
Sp Ed teachers need student databases	Middle School Project-print lesson by lesson rather than whole unit	Space saving computer station for each student, computer labs per grade level or subject area, voice activated computers, computers – sized for allowable space for each student	Single login for all applications
Technology mentor for every school. Site-based support. Technology specialist at every campus w/ proportional help	ESL lessons-MSP-translated	20 personal flip top built-in individual desk computers with individual wireless headsets and voice recognition microphones and the microscope hookups to computers	Electronic arrangement for student trips including fees, transportation, certificate of insurance, accommodations (electronic travel agency)
Down load UIL music-district to purchase site license	Ability to suspend driver’s license if failing class	More surveying of teachers on decision-making	Student grade reporting for non-campus courses
Real time communication across the district, state, nation to facilitate classroom activities.	Ability to put someone like Jennifer Lopez to override a teacher voice to catch the student’s attention	Hand held control for computers/lights, etc. in classroom	Student secure system for copyright material

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West Cluster	East Cluster	Central Cluster	Administration / Support
	CDs of own course work	Phones for teachers that move to different classroom throughout the day	Archiving CIMS data-historical records, more customization on CIMS; Integrated time clock with CIMS; Schedule shift classes at semester change (CIMS; Oracle) 2 way communication in CIMS; eCommerce portal for CIMS standardizing vendor communication –expanding the Office Depot model Be able to upload excel files into CIMS easier Automated payment to vendors
		Computerized locker combinations for rolling the combination	
		Random lottery password selection rather than student choice	
		Bar code scanning textbooks, software, inventory	