

Planning for Bond 2010: Campus Technology Bond Standards

Since the 1998 Bond, the Technology Bond Program has funded campus technology deployments on a six-year replacement cycle. In an equitable manner, the **Campus Technology Bond Standards** delineate the specific technologies that campuses receive. This technology supports state-mandated curriculum in core and enrichment areas, allows teachers and students to have access to important instructional technologies to support teaching and learning, and enables campus staff to utilize up-to-date software and systems for operations and instruction.

In planning for Bond 2010, a 15-member committee comprised of instruction, administration, and technology staff reviewed, discussed, and revised the Campus Technology Bond Standards. Input was also gathered from teachers, principals, instructional specialists, campus instructional technologists, and librarians. The committee was also mindful of the Texas Long Range Plan for Technology 2006-2020 goals, including “achieve and maintain a personal computing device ratio of 1:1 for students” (currently 3.5 : 1 in NISD).

The recommendations of the committee are broadly summarized below:

1. Provide greater access to technology for students by increasing the overall number of computers provided to each campus (2 : 1 by May 2014)
2. Provide more student computers directly in the classrooms, rather than primarily in labs
3. Provide more laptop sets on carts, which will leverage NISD’s 100% wireless environment and provide more flexibility for teachers
4. For the first time since 1995, provide Technology Bond Campus Formula Funds to purchase technology equipment items that campuses could not otherwise afford. These items would meet specific campus needs and include: digital cameras and camcorders, Classroom Performance Systems (“clickers”), digital slates, interactive whiteboards, and eBook readers
5. Replace the six-year replacement cycle with a five-year replacement cycle.

The following pages detail the technology provided to specific areas and programs. The red text indicates recommended changes to the current standard.

Campus-wide Technology Lifecycle Replacements

Summary of Recommended **Additional** Hardware

All Campuses

- three student desktop computers for every classroom
- a document camera for every teacher workstation
- one desktop computer for every school clinic
- one scanner each for the school bookkeeper and attendance secretary(ies)
- Campus Formula Funds for Student Technology Equipment for each school, based on enrollment, \$6.00 per student; to purchase technology equipment items to meet specific campus needs, to include: digital cameras and camcorders, Classroom Performance Systems (“clickers”), digital slates, interactive whiteboards, eBook readers, iPods, etc.

Elementary Schools Only

- four multipurpose mobile labs (16 wireless laptops on a cart, with printer) at all elementary schools
- one multipurpose mobile lab (16 wireless laptops on a cart, with printer) at all elementary school libraries
- two student desktop computers at all elementary schools for the Special Ed Program; substitute a color laser network printer for the B&W printer
- one desktop computer for every elementary school Visitor Management Station
- 40 iPods on a mobile cart for each elementary Bilingual Cluster Campus

Middle Schools Only

- six multipurpose mobile labs (16 wireless laptops on a cart, with printer) at all middle schools
- three student laptops in all middle school multipurpose labs, to accommodate large classes
- two multipurpose mobile labs (16 wireless laptops on a cart, with printer) at all middle school libraries
- three student desktop computers and one multipurpose mobile lab (8 wireless laptops on a cart) at all middle schools for the Special Ed Program; substitute a color laser network printer for the B&W printer
- two student laptops in every middle school SCE Reading classroom
- five student desktop computers in every middle school SCE Math classroom
- one desktop computer for every middle school Badging Station
- 40 iPods on a mobile cart for each middle school ESL Program

High Schools Only

- one docking station for every high school workroom
- one student desktop computer and one student laptop computer for every high school GT classroom
- eight multipurpose mobile labs (16 wireless laptops on a cart, with printer) at all high schools
- three student laptops in all high school multipurpose labs, to accommodate large classes
- designate one desktop lab at each high school for Credit Retrieval
- two multipurpose mobile labs (16 wireless laptops on a cart, with printer) at all high school libraries
- two student desktop computers (but reduce by 4 the number of laptops provided in the multipurpose mobile lab) at all high schools for the Special Ed Program; substitute a color laser network printer for the B&W printer
- two student laptops in every high school SCE Reading classroom
- one desktop computer for every high school Badging Station
- three student desktop computers and one student laptop computer for each high school journalism lab; one projector on a cart for the journalism mini-lab/workroom; one external hard drive and better cameras
- fourteen student desktop computers for each high school photography lab
- 40 iPods on a mobile cart for each high school ESL Program

Teacher Workstation and Classroom Summary

All Schools, All Classrooms			
Equipment:			Quantity:
Workstation:	NISD Approved Laptop Computer ¹		1
Accessories	Docking station, Mouse, 10-Key, Bag, 19in Monitor*, Standard Keyboard*		1
Accessory items designated with * are used to accommodate an ergonomic requirement due to high laptop usage.			
Printer:	Personal Black & White Laser Printer		1
Speakers:	Current model		1
Scanner:	Flatbed scanner	Art and Theater Art classrooms	1
Microphone*:	Current model (ES-only)		4
Mounted Projector*:	Standard full-size classrooms, computer labs, full-size special education classrooms		1
TV/Computer Monitor Display*:	(If room does not receive a projector)		
	Current model – small classrooms and identified large classrooms	Mounted or cart, depending on room	1
Software:	NISD Standard Software ²		1
	Standard Elementary School Bundle ³	Elementary schools only	1
Student Workstations:	With standard software, headsets, and microphones		3
Document Camera:	For teacher station/projector; will replace need for overhead lamp-projectors		1
Scanner is replaced only upon failure or incompatibility with Active Directory. Equipment marked with a * is not included in re-deployments. Portables will receive a projector on a cart with upgraded speakers.			

Staff Workroom Summary

All Schools, All Workrooms			
Equipment:			Quantity:
Workstation:	NISD Approved Desktop Computer ¹		1
Printer:	Color Laser Network Printer	Follow me printing with Ringdale solution for laptop deployments	1
Speakers:	Current model		1
Scanner:	Flatbed scanner		1
Software:	NISD Standard Software ²		1
	Standard Elementary School Bundle ³	ES only	1
Laptop Docking Station	When laptops are deployed		1-ES 2-MS, 2+1 HS
<p>Equipment provided for 2 workrooms at ES, at least 3 at an MS and at least 5 at a HS. The actual number depending on the size of facility and departmental needs. Scanner and network laser printer replaced only upon failure or incompatibility with Active Directory.</p>			

Gifted and Enrichment Summary

Elementary Schools: Gifted & Enrichment		
Equipment:		Quantity:
Workstations:	NISD Approved Desktop Computer ¹	5
Speakers:	Upgraded External Speakers	5
Printers:	Color Laser Network Printer	1
Scanner:	Flatbed scanner	1
Headsets*:		5
Digital Camera*:		2
Digital Video Camera*:		1
Tripod*:		1
External Hard Drive:	Minimum size, 120GB External Hard Drive	1
Software:	NISD Standard Software ²	5
	Standard Elementary School Bundle ³	5
	Video Wave Suite (current version for students and teacher computers)	6
<p>Scanner and network laser printers replaced only upon failure or incompatibility with Active Directory. Equipment marked with a * is not included in re-deployments.</p>		

Middle Schools: Gifted & Enrichment		
Equipment:		Quantity:
Workstations:	NISD Approved Desktop Computer ¹	5
Speakers:	Standard External Speakers	5
Printers:	Color Laser Network Printer	1
Scanner:	Flatbed scanner	1
Headsets*:		5
Digital Camera*:		2
Digital Video Camera*:		1
Tripod*:		1
External Hard Drive:	Minimum size, 120GB External Hard Drive	1
Software:	NISD Standard Software ²	5
	Video Wave Suite (current version for students and teacher computers)	6
	Adobe CS4 Web Premium	Site License
Scanner and network laser printers replaced only upon failure or incompatibility with Active Directory. Equipment marked with a * is not included in re-deployments.		

High Schools: Gifted & Enrichment

Equipment:		Quantity:
Workstations:	20" Apple iMac Computer for Student Use	4+1
Laptops and Accessories:	Apple iBook Laptops for Student Use	1+1
	Mouse	1+1
	Carry Bags	1+1
	Firewire Cable	1+1
Printers:	Color Laser Network Printer	1
Scanner:	Flatbed scanner	1
Digital Camera*	Current model	1
Digital Video Camera and Accessories*	Current model	1
MAC Software	Microsoft Office for Mac OS X	5+2
	Final Cut Pro	5+2
	Adobe CS4 Master Collection	Site License
Scanner and network laser printers replaced only upon failure or incompatibility with Active Directory. Equipment marked with a * is not included in re-deployments.		

Secondary Science Summary

Middle Schools: Science		
Equipment:		Quantity:
Laptops and Accessories:	NISD Standard Laptop for Student Use	10
	Mouse	10
	Extra Battery	10
Laptop Cart (16-slot)	Current model	1
Printers:	Colored Laser Network Printer	1
Software:	NISD Standard Software ²	10
	Interactive Physics 2003	10
	District Approved Vernier Software Suite, MS	10
	Glencoe Integrated Physics and Chemistry	10
	GETIT	10
	Texas Instruments Resource CD, v2.5	10
	Intel Play QX3 (for Intel Play 200x computer microscope)	10
	Prentice Hall Science Explorer iText (6-8)	10
Network laser printers replaced only upon failure.		

High Schools: Science			
Equipment:			Quantity:
Workstations:	NISD Approved Desktop Computer ¹		8
Headsets		For Student Workstations	8
Laptops and Accessories:	NISD Standard Laptops for Student Use		12
	Mouse		12
	Extra Battery		12
			1
Laptop Cart (16-slot)	Current model		1
Printers:	Colored Laser Network Printer		1
Software:	NISD Standard Software ²		20
	Interactive Physics 2003		20
	District Approved Vernier Software Suite, HS		20
	Glencoe Integrated Physics and Chemistry		20
	Texas Instruments Resource CD, v2.5		20
	HIP Biology 1 & 2		20
	A & P Technologist		20
	Bio Technologist		20
	GIS For Everyone		20
	Holt Chemistry (with textbook)		20
	Hewitt Conceptual Physics		20
	Cutnell and Johnson Physics		20
Network laser printers replaced only upon failure.			

Multipurpose **Mobile Computer Labs Summary (wireless laptops on carts)**

Elementary School			
Equipment:			Quantity:
Laptops and Accessories:	NISD Standard Laptops for Student Use w/ standard software		64
	Mouse		64
	Extra Battery		64
Laptop Cart (16-slot)	Current model		4
Printers:	B&W personal laser (1 per cart)		4
Middle School			
Laptops and Accessories:	NISD Standard Laptops for Student Use w/ standard software		96
	Mouse		96
	Extra Battery		96
Laptop Cart (16-slot)	Current model		6
Printers:	B&W personal laser (1 per cart)		6
High School			
Laptops and Accessories:	NISD Standard Laptops for Student Use w/ standard software		128
	Mouse		128
	Extra Battery		128
Laptop Cart (16-slot)	Current model		8
Printers:	B&W personal laser (1 per cart)		8

Multipurpose Computer Labs Summary (Desktops)

Elementary Schools: Multipurpose Computer Labs			
Equipment:	For Each of Two Computer Labs		Quantity:
Workstations:	NISD Approved Desktop Computer ¹ for Student Use		27
Printers:	Color Laser Network Printer		1
	Black & White Laser Network Printer		2
Scanner:	Flatbed scanner		1
Headsets*		For Student Workstations	27
Microphones*:		For Student Workstations	27
Software:	NISD Standard Software ²		27
	Standard Elementary School Bundle ³		27
For lab with CIT, add one extra teacher workstation. Scanner and network laser printers replaced only upon failure or incompatibility with Active Directory. Equipment marked with a * is not included in re-deployments.			

Middle Schools: Multipurpose Computer Labs			
Equipment:	For Each of Three Computer Labs		Quantity:
Workstations:	NISD Approved Desktop Computer ¹ for Student Use		28
Laptops:	NISD Approved	Add 3 laptops to each desktop lab to accommodate large classes	3
Printers:	Color Laser Network Printer		1
	Black & White Laser Network Printer		2
Scanner:	Flatbed scanner		1
Headsets*		For Student Workstations	28+3
Microphones*:		For Student Workstations	28
Software:	NISD Standard Software ²		28+3
	NetSupport School		29
	Adobe CS4 Web Premium		Site License
Scanner and network laser printers replaced only upon failure or incompatibility with Active Directory. Equipment marked with a * is not included in re-deployments.			

High Schools: Multipurpose Computer Labs

Equipment:	For Each of Ten Computer Labs		Quantity:
Workstations:	NISD Approved Desktop Computer ¹ or laptop for Student Use		29
Laptops:	NISD Approved	Add 3 laptops to each desktop lab to accommodate large classes	3
Note: One of the above labs should be dedicated to Credit Retrieval (needs to be scheduled through Resource Planning)			
Printers:	Color Laser Network Printer		1
	Black & White Laser Network Printer		2
Scanner:	Flatbed scanner		1
Microphones*:		For Student Workstations	29
Headsets*:		For Student Workstations	29
Software:	NISD Standard Software ²		29+3
	Adobe CS4 Master Collection		Site License
Scanner and network laser printers replaced only upon failure or incompatibility with Active Directory. Equipment marked with a * is not included in re-deployments.			

International Languages Labs Summary

For Each of 2 Labs per High School			
Digital Language Lab			
Hardware:	.	.	Quantity:
	Teacher Workstations:	NISD Approved Desktop Computer	2
	Student Workstation:	NISD Approved Desktop Computer	60
	Printers:	Black & White Laser Network Printer	1
	Printers:	Color Laser Network Printer	1
	NISD Standard DVD Player		2
	Document camera*	Current model	1
	Headsets:*	TLH82 Headsets w/Modular Plugs	60 student 2 teacher
	Darim MPEGator-1 Encoder Card*		1
Software:	.	.	Quantity:
	Student Image:	NISD Standard Software ²	60
	Teacher Image:	NISD Standard Software ²	2
Furniture:	.	.	Quantity:
	Synsor 36" Student Carrels (2 wheelchair access per lab)*		60
	Student Chairs*		60
	Teacher Chairs*		2
Scanner and network laser printers replaced only upon failure or incompatibility with Active Directory. Equipment marked with a * is not included in re-deployments.			

Library Summary

Elementary Schools: Library			
Equipment:			Quantity:
Workstations:	NISD Approved Desktop Computer ¹ for Student Use		9
	NISD Approved Desktop Computer ¹ for Circulation Desk		1
	NISD Approved Desktop Computer ¹ for Librarian		1
	NISD Approved Laptop	Library Use	1
	NISD Approved Laptop	For Checkout	4
Laptops and Accessories:	NISD Standard Laptops for Student Use w/ standard software		16
	Mouse		16
	Extra Battery		16
Laptop Cart (16-slot)	Current model		1
Printers:	Color Laser Network Printer		1
	Black & White Laser Network Printer		1
Scanner:	Flatbed scanner		1
Projector*:	Unmounted Standard Color Video Projector		1
Headsets*:		For Student Workstations	9+16
Speakers:		For Librarian Workstation	1
Microphones*:	PC microphones	For Student Workstation	9
Digital Cameras*:	Current model	For campus-wide checkout	4

Software:	NISD Standard Software ²		11+16
	Standard Elementary School Bundle ³		11+16
TV/Computer Monitor Display*:	NISD Standard Model	Mounted	2

~~At a laptop campus, the extra checkout laptop is not provided.~~ Scanner and network laser printers replaced only upon failure or incompatibility with Active Directory. Equipment marked with a * is not included in re-deployments. If the laptop cart is not reserved for use in the library, the librarian may check it out to a teacher.

Middle Schools: Library			
Equipment:			Quantity:
Workstations:	NISD Approved Desktop Computer ¹ for Student Use		15
	NISD Approved Desktop Computer ¹ for Circulation Desk		1
	NISD Approved Desktop Computer ¹ for Librarian		1
	NISD Approved Laptop	Library Use	1
	NISD Approved Laptop	For Checkout	2
Laptops and Accessories:	NISD Standard Laptops for Student Use w/ standard software		32
	Mouse		32
	Extra Battery		32
Laptop Cart (16-slot)	Current model		2
Printers:	Color Laser Network Printer		1
	Black & White Laser Network Printer		1
Scanner:	Flatbed scanner		1
Projector*:	Unmounted Standard Color Video Projector		1
Headsets*:		For Student Workstations	15+32
Speakers*:		For Librarian Workstation	1
Microphones*:	PC microphones	For Student Workstations	15
Digital	Current model	For campus-	6

Cameras*:		wide checkout	
Software:	NISD Standard Software ²		17+32
TV/Computer Monitor Display*:	NISD Standard Model	Mounted	2

At a laptop campus, the extra checkout laptops are not provided. Scanner and network laser printers replaced only upon failure or incompatibility with Active Directory. Equipment marked with a * is not included in re-deployments. If the laptop carts are not reserved for use in the library, the librarian may check them out to teachers.

High Schools: Library			
Equipment:			Quantity:
Workstations:	NISD Approved Desktop Computer ¹ for Student Use		22
	NISD Approved Desktop Computer ¹ for Circulation Desk		1
	NISD Approved Desktop Computer ¹ for Librarian		1
	NISD Approved Laptop	Library Use	1
	NISD Approved Laptop	For Checkout	3
Laptops and Accessories:	NISD Standard Laptops for Student Use w/ standard software		32
	Mouse		32
	Extra Battery		32
Laptop Cart (16-slot)	Current model		2
Printers:	Color Laser Network Printer		1
	Black & White Laser Network Printer		1
Scanner:	Flatbed scanner		1
Projector*:	Unmounted Standard Color Video Projector		1
Headsets*:		For Student Workstations	22+32
Speakers*:		For Librarian Workstation	1
Microphones*:	PC microphones	For Student Workstations	22
Digital Cameras*:	Current model	For campus-wide checkout	6
Software:	NISD Standard Software ²		24+32

TV/Computer Monitor Display*:	NISD Standard Model	Mounted	2
<p>At a laptop campus, the extra checkout laptops are not provided. Scanner and network laser printers replaced only upon failure or incompatibility with Active Directory. Equipment marked with a * is not included in re-deployments. If the laptop carts are not reserved for use in the library, the librarian may check them out to teachers.</p>			

Special Education Summary

Elementary Schools: Special Ed			
Equipment:	Allocated to CMC, BMC, AMC, PPCD and ALE Classrooms to Meet Each Campus' Needs		Quantity:
Workstations:	NISD Approved Desktop Computer ¹ for Student Use		8+2
Headsets*:		For Student Workstations	8+2
Printers:	Black & White Color Laser Network Printer		1
Scanner:	Flatbed scanner		1
Software	NISD Standard Software ²		8+2
	Standard Elementary School Bundle ³		8+2
Scanner and network laser printers replaced only upon failure or incompatibility with Active Directory. Equipment marked with a * is not included in re-deployments.			

Middle Schools: Special Ed			
Equipment:	Allocated to CMC, BMC, LC and ALE Classrooms to Meet Each Campus' Needs		Quantity:
Workstations:	NISD Approved Desktop Computer ¹ for Student Use		10+3
Laptops and Accessories:	NISD Standard Laptops for Student Use w/ standard software		8
	Mouse		8
	Extra Battery		8
Laptop Cart (8-slot)	Current model		1
Headsets*:		For Student Workstations	10+3
Printers:	Black & White Color Laser Network Printer		1
Scanner:	Flatbed scanner		1
Software	NISD Standard Software ²		10+11
Scanner and network laser printers replaced only upon failure or incompatibility with Active Directory. Equipment marked with a * is not included in re-deployments.			

All Comprehensive High Schools: Special Ed

Equipment:	Allocated to CMC, BMC, LC and ALE Classrooms to Meet Each Campus' Needs		Quantity:
Workstations:	NISD Approved Desktop Computer ¹ for Student Use		13+2
Headsets*:		For Student Workstations	13+2
Laptops and Accessories:	NISD Standard Laptop for Student Use		12 8
	Mouse		12 8
	Extra Battery		12 8
			1
Laptop Cart (8-slot):	Current model		1
Printers:	Black & White Color Laser Network Printer		1
Scanner:	Flatbed scanner		1
Software:	NISD Standard Software ²		25 24
Scanner and network laser printers replaced only upon failure or incompatibility with Active Directory. Equipment marked with a * is not included in re-deployments.			

Career Centers Summary

For All Comprehensive High Schools & Health Careers			
Equipment:			Quantity:
Workstations:	NISD Approved Desktop Computer ¹ for Student Use		12
Scanner:	Flatbed scanner		1
Printers:	Black & White Laser Network Printer		1
Software:	NISD Standard Software ²		12
Scanner and network laser printers replaced only upon failure or incompatibility with Active Directory. Number of computers will depend on size of room.			

Secondary State Compensatory Classrooms Summary

All Secondary Campuses (Reading)			
Equipment:			Quantity:
Workstations:	NISD Approved Desktop Computer ¹ for Student Use		5
Software:	NISD Standard Software ²		5
Laptops:	For System 44 use at secondary schools; software funded by SCE		2
<p>NOTE: Specific allocations of Read 180 and System 44 software and peripherals will be funded by central office Curriculum and Instruction Department personnel. Provided for each Reading Specialist at MS and HS and for Title I campuses as designated by the Curriculum and Instruction Department.</p>			

All Middle School Campuses (Math)			
Equipment:			Quantity:
Workstations:	NISD Approved Desktop Computer ¹ for Student Use		5
Software:	NISD Standard Software ²		5
<p>NOTE: Math-specific software funded by central office Curriculum and Instruction Department personnel.</p>			

Administrator, Counselor, Nurse Workstation Summary

All Schools			
Administrator, Counselor, Nurse Workstation Summary			
Equipment:			Quantity:
Workstation:	NISD Approved Laptop Computer ¹		1
Accessories	Docking station, Mouse, 10-Key, Bag, 19in Monitor*, Standard Keyboard*		1
Accessory items designated with * are used to accommodate an ergonomic requirement due to high laptop usage.			
Speakers:	Current model		1
Printer:	Personal laser printer		1
Software:	NISD Standard Software ²		1
Auxiliary/Classified Staff, Campus Police Officers Workstation Summary			
Workstation:	NISD Approved Desktop Computer ¹		1
Speakers:	Current model		1
Scanners	Current model		1
Printer:	Personal laser printer*		1
Software:	NISD Standard Software ² with other applications installed as necessary		1
*PLP provided for Principal Secretary (all levels), Counselor Secretary (secondary), Head Custodian (all levels), and Cafeteria Managers (all levels). Scanners are for Attendance Secretary and Police only.			
Administrative Network Printers			
B&W Laser Printer	Current model	Attendance Office (all levels)	1
B&W Laser Printer	Current model	Registrar's Office (HS)	1
Color Laser Printer	Current model	Administration Office (all levels)	1
Color Laser Printer	Current model	Counselors Office (Secondary)	1
Color Laser Printer	Current model	Police Office (Secondary)	1
Color Laser Printer	Current model	VP/AP Suite (HS)	1
Scanner and network laser printer replaced only upon failure or incompatibility with Active Directory.			

Administrative Suite Summary

All Schools			
Workstation:	NISD Approved Desktop Computer ¹ in the Clinic (in addition to Nurse's workstation)	with standard software	1
Scanners:	Current model	for bookkeeper and attendance secretary(ies)	2 (3 at HS)
All Secondary Schools			
Workstation:	NISD Approved Desktop Computer ¹ for the Badging Station	with standard software	1
All Elementary Schools			
Workstation:	NISD Approved Desktop Computer ¹ for the Raptor Station	with standard software	1
Scanner replaced only upon failure or incompatibility with Active Directory.			

High School Journalism Labs

All Comprehensive High Schools		
Equipment:		Quantity:
Workstations:	iMAC Computer for Student Use (Mac OS X)	12+3
	Apple Tower Computer (Mac OS X) with Studio Displays	2
Laptop and Accessories:	Apple Powerbook Laptop for Student Use (Mac OS X)	1+1
	Mouse	1+1
	Extra battery and adaptor	1+1
	Firewire Cable	1+1
Projector:	On cart for mini-lab/workroom	1
External Hard Drive: *	High capacity; extra storage for media	1
Printers:	11 x 17 Color Laser Network Printer	1
	B&W Laser Network Printer	1
Scanner:	Flatbed scanner	1
Digital Camera:		1+5 Professional 5 Standard
Digital Video Camera, memory stick*, and tripod*:	Current Model	1+4
MAC Software:	Microsoft Office X for Mac	15+4
	Final Cut Pro Express	3+16
	Stuff-It Pro	2
	Mac Production Suite	2
	Ambrosia SnapZ Pro X	2
	Discreet Cleaner 6	2
	Adobe CS4 Master Collection	Site License
<p>Scanner, projector, and network laser printers replaced only upon failure or incompatibility with Active Directory. Equipment marked with a * is not included in re-deployments. Digital cameras and video cameras will be replaced in re-deployments.</p>		

High School Photography Labs

All Comprehensive High Schools		
Equipment:		Quantity:
Workstations:	iMAC Computer for Student Use (Mac OS X)	12+14
	Apple Tower Computer (Mac OS X) with Studio Displays	2
Laptop and Accessories:	Apple Powerbook Laptop for Student Use (Mac OS X)	2
	Mouse	2
	Extra battery and adaptor	2
	Firewire Cable	2
Printers:	11 x 17 Color Laser Network Printer	1
Scanner:	Flatbed scanner	3
Digital Camera:*		1 Professional 10 Standard
Digital Video Camera, memory sticks (5), and tripod:*	Current Model	1
MAC Software:	Final Cut Pro Express	16+14
	Mac Production Suite	2
	Microsoft Office X for Mac	16+14
	Ambrosia SnapZ Pro X	2
	Discreet Cleaner 6	2
	Adobe CS4 Master Collection	Site License
Scanner and network laser printers replaced only upon failure or incompatibility with Active Directory. Equipment marked with a * is not included in re-deployments.		

Middle School Industrial Technology Labs

Middle Schools: Computer Lab			
Equipment:			Quantity:
Workstations:	NISD Approved Desktop Computer ¹ for Student Use		24
Printers:	Color Laser Network Printer		1
Scanner:	Flatbed scanner		1
Headsets*		For Student Workstations	24
Microphones:*		For Student Workstations	24
Software:	NISD Standard Software ²		24
	Net Support		25
	AutoCad Light		25
	Adobe CS4 Web Premium		Site License
<p>Scanner and network laser printers replaced only upon failure or incompatibility with Active Directory. Equipment marked with a * is not included in re-deployments. The Curriculum & Instruction Division purchases additional software modules for eight of the above workstations.</p>			

High School Drafting Labs

High Schools: Computer Lab			
Equipment:			Quantity:
Workstations:	NISD Approved Tower Computer ¹ for Student Use		24
Printers:	11 x 17 Color Laser Network Printer		1
	Black & White Network Laser Printer		1
	Color Plotter		1
Scanner:	Flatbed scanner		1
Headsets:*		For Student Workstations	24
Software:	NISD Standard Software ²		24
	3D Studio Max		0
	Adobe CS4 Master Collection		Site License
<p>Scanner and network laser printers replaced only upon failure or incompatibility with Active Directory. Equipment marked with a * is not included in re-deployments. The Curriculum & Instruction Division provides additional software (AutoDesk Design Academy) for the Drafting Labs.</p>			

High School Technology Applications Labs

High Schools: Computer Labs			
Equipment:	For Each of Two Computer Labs		Quantity:
Workstations:	NISD Approved Desktop Computer for Student Use		29
Laptops:	NISD standard, for large classes		3
Printers:	Color Laser Network Printer		1
	Black & White Laser Network Printer		2
Video Cameras and tripods:*	Current model		5
Digital Cameras:*	Standard camera		2
Light Kit:*			1
Scanner:	Flatbed scanner		1
Microphones:*	PC Microphones Desktop lab only	For Student Workstations	29
Headsets:*		For Student Workstations	29+3
Software:	NISD Standard Software ²		29+3
	Adobe CS4 Master Collection		Site license
Scanner and network laser printers replaced only upon failure or incompatibility with Active Directory. Equipment marked with a * is not included in re-deployments.			

Bilingual / ESL Summary

Each Elementary Cluster Campus and Each Middle School and High School			
Equipment:			Quantity:
iPods:	NISD Approved Standard		40
iPod Mobile Cart:	NISD standard, for large classes		1
Laptop:	Apple Powerbook	To sync content on all iPods simultaneously	1
<p>If the iPod cart is not reserved for use by the bilingual/ESL teacher, it may be checked out to the CIT for use with other students and teachers.</p>			

Campus Formula Funds for Technology Equipment

All Schools			
	Equipment:		
\$6.00 per student for equity, includes ES, MS, HS, and Alternative Schools	To purchase equipment items to meet campus needs, to include: digital cameras and camcorders, Classroom Performance Systems (“clickers”), digital slates, interactive whiteboards, eBook readers		Every 5 years, to align with the redeployment cycle
Note: 800-student elementary school = \$4,800; 1,400-student middle school = \$8,400; 2,800-student high school = \$16,800			

NISD Hardware and Software Standards

NISD Approved Desktop Computer¹		
Hardware:	Desktop	See Acquisition web site
	Laptop	See Acquisition web site
Standard Software²		
Software:	All:	Microsoft Windows OS XP Pro
		Microsoft Office Pro Plus 2007 w/ Publisher
		Inspiration v8.0
		Audacity
		Microsoft Photo Story
		Google Earth
		Infrarecorder CD Creator
		Adobe Reader
		Aladin's Reading Lamp
		Plus Numerous other applications
	Administrator, Staff, and Teacher:	GroupWise
Elementary Standard Software³		
Software:	All:	Kid Pix 4
		Graphers
		Kid Keys 2
		All The Right Type v3
		123 Math Fonts
High School and Middle School Standard Software⁴		
Software:	Middle School Site License	Adobe CS4 Web Standard
	High School Site License	Adobe CS4 Master Collection
Other standard software applications are provided for the various HS and MS labs		