

**Pre-proposal for an Unsolicited Grant**  
**For**  
**Daniel “Chappie” James Learning Center**  
**Dallas Independent School District**

**Pre-proposal for an Unsolicited Grant**  
**Daniel “Chappie” James Learning Center**  
**2004-2007**

**Executive Summary**

Daniel “Chappie” James Learning Center desires to increase technology access and integration in the classrooms by establishing four computer mini-labs equipped with appropriate hardware, software, and Internet access in each core content classroom because the individual classrooms currently have inadequate access to modern computer technology thus limiting the ability to integrate technology into the curriculum.

The Technology Education Department at Daniel ‘Chappie’ James seeks to restructure the current technology program to increase the access to computers in the learning environment. The integration of technology as an instructional tool in the classrooms is necessary to aid our students in becoming knowledgeable, independent, and self-directed learners. Moreover, technology will be utilized to help teachers aid in learning, share information, and to communicate with the school community.

Technology will be used as a tool to support the daily curriculum instruction. In addition, it is our vision to utilize technology to enhance several extended learning programs for teachers, students and parents. These include the after-school, Saturday school, and summer school programs that are designed to reinforce basic skills and increase critical thinking skills. Additionally, the technology will be utilized to support our monthly Family Workshops.

**Justification**

Our current technology in our building is in need of updating to meet the needs of integrating technology into our curriculum. Current classroom computers are in a wide variety

consisting of Apple LCII's, Macintosh 5200 and 5400s, Compaq and Dell Desktops, and some teacher-issued district laptops. Many are outdated and are no longer being serviced or maintained by the district's Technology Assistance Center (TAC) department. A variety of inkjet printers are randomly placed within the classrooms. Internet connections are restricted to two drops per classroom. A limited number of classrooms have computer/television connections for presentation of learning materials.

Through the Bond Program, the Dallas Independent School District is in the process of updating the Internet connections and the electrical supply in all classrooms. Each classroom will have electrical and network connections capable of powering ten computers in each classroom.

### **Target Population and Scope**

Students at Daniel "Chappie" James Learning Center, an elementary campus in the Dallas Independent School District, comprise the target population of this grant pre-proposal. It is located south of downtown Dallas in a community that is well over 100 years old. The school currently houses approximately 275 ethnic minority students in fourth through sixth grades. The ethnic breakdown of the students in the school is 84 percent African American and 16 percent Hispanic. Ninety-two percent of the enrollment is eligible for free/reduced lunch. Less than 10% of students have access to computer or Internet use outside the school setting.

### **Potential Grant Funding Entities**

This pre-proposal is intended for submission to agencies that fund grants for public school institutions. Grant sources currently under investigation include IBM Corporation and Toshiba America Foundation.

### **Duration of the project**

This restructuring project will start in the summer of 2004 and take approximately three years, with the full implementation of the project occurring in the 2006/2007 school year.

### **Goals of each phase**

#### Phase One – Summer 2004

- Project committee, including all campus stakeholders will begin developing the short-range goals and formal evaluation measures for the project.

#### Phase Two – 2004/2005 School Year

- Purchase four station mini-labs for each classroom
- Provide increased Internet access to each classroom
- Purchase multi-media equipment for each classroom
- Purchase furniture for classroom mini-labs
- Provide professional development and instruction
- Provide basic technology training for parents (family workshops)
- Project evaluation May 2005 by Project Committee

#### Phase Three – 2005/2006 School Year

- Purchase additional software, licenses and multimedia components
- Provide continued professional development and instruction
- Provide continued parent training (family workshops)
- Project evaluation May 2006 by Project Committee

#### Phase Four – 2006/2007 School Year

- Purchase/upgrade software and licenses

- Provide continued professional development and instruction
- Provide continued parent training
- Project evaluation May 2007 by Project Committee

**Budget**

Phase One	\$0
Phase Two	\$131,390
Phase Three	\$4,058
Phase Four	\$1,000
Total Budget	\$136,448
Daniel “Chappie” James Learning Center Matching Funds	\$41,000
Total Grant Request	\$95,448

**Equipment list with costs grouped by phase**

Phase One – Summer 2004

Item	Description of Use	Unit Cost	Extended Cost
No equipment purchases during this phase			

Phase Two – 2004/2005 School Year

Item	Description of Use	Unit Cost	Extended Cost
88 computers (4 per core content classroom – see Appendix A for specification sheet)	A mini-lab will be established in each core content classroom. Students and teachers will utilize computers for teaching, learning, communication, research and	\$1,326	\$116,688

	problem solving.		
44 computer tables (5300 Dual Workstation, 30" Deep 60"L with modesty panel)	Dual computer stations allow for flexibility in back-to-back configuration or as separate units	\$232	\$10,208
3 Video Projectors (HP vp6200 Digital Projector)	Each grade level will receive one portable video projector, making a total of four on campus (including one already at the campus) that will be available for teachers to checkout and use in the classroom.	\$1,099	\$3,297
3 Digital Cameras (HP Photosmart 945 digital camera)	Each grade level will receive one digital camera, making a total of four on campus (including one already at the campus) that will be available for teachers to check out and use for classroom assignments and projects.	\$399	\$1,197
Professional Staff Training	To effectively prepare teachers to integrate technology into the classroom	No Cost (provided by district personnel)	No Cost
Increased Internet Connections	To provide increased Internet access to teachers and students	Dallas ISD Bond Program (no additional cost to the school)	Dallas ISD Bond Program (no additional cost to the school)

Phase Three – 2005/2006 School Year

Item	Description of Use	Unit Cost	Extended Cost
Software and licenses	Additional software and licenses to support curriculum integration	Allotted \$1,000	\$1,000
22 VCR/DVD Players (Panasonic® DVD/VCR Player)	Each core subject area classroom will be outfitted with a VCR/DVD Player for teachers to use to supplement lessons with videos/DVDs	\$139	\$3,058
Professional Staff Training	To effectively prepare teachers to integrate technology into the classroom	No Cost (provided by district personnel)	No Cost

Phase Four – 2006/2007 School Year

Item	Description of Use	Unit Cost	Extended Cost
Software and licenses	Additional software and licenses to support curriculum integration	Allotted \$1,000	\$1,000
Professional Staff Training	To effectively prepare teachers to integrate technology into the classroom	No Cost (provided by district personnel)	No Cost

**Local administration of the project**

The computer technologist for Daniel “Chappie” James Learning Center will take the leadership role in the implementation of this grant. Duties will include oversight of budget, development of long-range goals of program, and yearly review of the program’s progress. Additionally, professional development sessions will be scheduled and overseen by the campus computer technologist. The project committee, consisting of the campus technology department, the campus administration, and the district instructional technology department will aid in the planning and implementation of the project.

**Intended means of providing support**

The Dallas Independent School District’s Instructional Technology Department (IT) will provide assistance and direction throughout the implementation of the entire plan. Regular meetings with administrators, the Technology teacher(s), and IT will provide assurance that plan goals are on schedule and being addressed. Tech support, including maintenance and troubleshooting, will be provided by the district’s Technology Assistance Center (TAC).

**Sources for matching funds**

Matching funds will be solicited from the Eagles Parent/Teacher Association (PTA). Eagles P.T.A. will contribute \$5,000 to the purchase of technology during the first year of the implementation. Additional funding may be available in subsequent years. Additionally, Hunt Oil Corporation, our building adopters, will contribute \$1,000 to the purchase of software and licenses.

Title I funds and Math Improvement funds totaling for \$25,000 will also be available during the three years of implementation.

### **Performance measures**

All aspects of the plan will be evaluated formally each year to verify that the plan is meeting the needs of the school community. An assessment tool will be developed to evaluate the success of the technology integration in the classrooms. Indicators that may be useful in measuring the effectiveness include:

- ✓ Student and teacher surveys
- ✓ Student performance and output
- ✓ Staff member participation in professional development
- ✓ Integration of training into the classroom
- ✓ Monitoring and documentation of parent training
- ✓ Yearly inventory of hardware and software
- ✓ Maintenance of technology

A report will be given to the administrative team and to the District's Instructional Technology Department after each formal evaluation occurs.

## Appendix A Computer Specifications

### OptiPlex GX280 Small Desktop

The GX280 is offered in a family of highly serviceable chassis designed for ease of access and configurations.

Picture is for illustrative purposes only. Price may increase or decrease depending on options selected.

**\$1,326.22**

Catalog Number	26 Retail RC977257
OptiPlex GX280 SDT, with Int Broadcom® GbNIC	Intel® Pentium® 4 Processor 520 (2.80GHz, 1M, 800MHz FSB) 28GD - [ 221-5291 ]
Operating System(s)	Microsoft® Windows® XP Professional, SP2, with Media XPP2E - [ 420-4850 ]
File system	NTFS File System for all Operating Systems NTFS - [ 420-3699 ]
Memory	512MB DDR2 Non-ECC SDRAM,400MHz, (2DIMM) 5122N42 - [ 311-3679 ]
Monitors	Dell 17 inch M783s flat CRT color monitor (16.0 inch viewable) M783S - [ 320-3748 ]
Video Card	Integrated Video, Intel® GMA900 I - [ 320-0428 ]
Boot Hard Drives	40GB SATA, 7200 RPM Hard Drive 40S - [ 341-0904 ]
Floppy	1.44MB 3.5 Inch Floppy Drive

	3 - [ 340-8733 ]
Keyboards	Performance USB Keyboard with 8 Hot Keys USB8 - [ 310-2585 ]
Mouse	Dell USB 2-Button Entry Mouse with Scroll USBE - [ 310-5202 ]
Mouse Pad	Mouse Pad MPAD - [ 310-3559 ]
Speakers	Internal Dell Business Audio Speaker INT - [ 313-2496 ]
Modems	Dell V.92 PCI Data/Fax Controllerless Modem V92 - [ 313-2463 ]
Removable Media Storage Devices	48X32 CDRW/DVD Combo,with DVD Playback COMBO - [ 313-2489 ]
Chassis Stand	No Chassis Stand NOSTND - [ 310-7700 ]
Energy Star Setting	Energy Star Enable ES - [ 310-4721 ]
Productivity Software	Microsoft™ Office ® 2003 Professional Academic RW RA03PRO - [ 410-0217 ]
Hardware Support Services	3 Year Limited Warranty plus 3 Year NBD On-Site Service U3OS - [ 900-6602 900-6630 ]
Gold Technical Support	Gold Technical Support, Optiplex, 3 Years GTS3WL - [ 461-3749 902-4882 ]

Installation Support  
Services

No Onsite System Setup  
NOINSTL - [ 900-9987 ]