



**Leadership Cy-Fair
November 16, 2009**

Budget Analysis – R.O.P.E.S.



Reality Oriented Physical Experiences Course:

- an experiential outdoor activity lead by trained facilitators designed to teach participants problem solving, communication, and cooperative skills through warm-up games, initiatives, and low and high challenge course elements; and
- utilized by staff, students and community.

Budget Analysis – R.O.P.E.S



Staffing:

- R.O.P.E.S Program Coordinator (general operations budget) - \$65,000
- Trained facilitators (activity funds)

Budget Analysis Science Resource Center (SRC)



Purpose:

- Provide materials, equipment, training, and science expertise for District students and teachers.

Funding:

- General Operations Budget: \$458,793

Budget Analysis – SRC



- Bulk purchasing of material and live specimens
- Federal Permit Items
- Animal inventory
- Field trips
- Planetarium
- Living material (ants, protists, chick eggs, mealworms, plant specimens, etc.)
- Science demonstrations
- Kits for science curriculum

Budget Analysis - DARE



Drug Abuse Resistance Education:

- Police officer-led classroom lessons that teaches children how to resist peer pressure and live productive drug and violence-free lives;
- builds community involvement – students, parents, law enforcement, and businesses; and
- few incidents of drug and/or violence-related incidents at elementary level.

Budget Analysis - DARE



Staffing:

- 2 DARE officers (Title IV-Federal Funds)
- Coordinator and secretary for Safe and Drug-Free Schools (general operations budget) = \$29,550 (30%)

Budget Analysis - DARE



Funding Sources		Gen. Op. Budget	Title IV	STEP Grant	Activity Funds - PTO	Activity Funds - Fundraisers	Total
DARE Program	Salaries		\$85,612.	\$27,725.			\$113,337
	Materials		\$ 896.	\$ 541.	\$27,243.		\$ 28,680
	T-Shirts				\$22,307.		\$ 22,307
	Travel					\$1,810	\$ 1,810
Totals		\$0.	\$86,508	\$28,266	\$49,550	\$1,810	\$166,134

Budget Analysis

Elementary Field Trips



- **EFD (Local)**

“Each grade level (preK-5) is limited to one out-of-district field trip. In-district enrichment activities which require transportation will be approved on an individual basis.”

Budget Analysis

Elementary Field Trips



- Out-of-District field trips are funded through PTO or other third party funding sources.
- Transportation for in-district field trips (Nature Trails, SRC) is funded through the general operations budget (\$49,465).
- Principals' Field Trip Committee

Budget Analysis

Elementary Field Trips



- The campus staff in collaboration with their CPOC will determine the appropriate field trips for their students.
- All field trips requests must be submitted for approval (rubric).
- When appropriate, campuses and their CPOCs are encouraged to provide field trip opportunities outside of the instructional day to protect instructional time.

Campus _____ Grade _____ Inst. Interruptions to date _____ Date _____
 Destination _____ Description of the field trips _____

	None (0)	Medium (1)	High (2)
Skills and knowledge gained from trip (TEKS correlation)	No correlation to TEKS	Some correlation to TEKS	High correlation to TEKS
TEKS (from trip) taught in the classroom	All	Some	None
Purpose of the trip	Reward	Enrichment	Instructional/TEKS
Class time missed	More than 1 day	1 day	½ day or less
Can this trip be done outside of the confines of the school day?	Yes		No
Is the trip scheduled during a benchmark period or the review day?	Yes		No
Is this the only field trip for this grade level?	No		Yes
At the time of request, grade level has at least a 90% attendance rate.	No		Yes
Total for each column			
Principal's Signature _____ Total for all columns	Date _____		

Budget Analysis – Secondary Field Trips



- **Instructional / Co-Curricular**
 - Funded by both local campus activity funds and taxpayer funds
- **Extra-Curricular**
 - Funded by campus activity funds
- **Total Taxpayer Funds**
 - \$1,205,892

Budget Analysis – Secondary Field Trips



Instructional or Co-Curricular

- Promote understanding of TEKS
- Competition or training
- Special recognition
 - Singing at State Superintendent's Conf.
- Reward or Special Experience
 - Observing open-heart surgery

Budget Analysis – Secondary Field Trips



Extra-Curricular

- Not directly related to instruction
- Offer worthwhile contribution to students school experience
- A privilege; students must meet specific requirements to participate
- Competition, contest, club activities, etc.
 - HOLA / YLPA / YMPA

Secondary Field Trips Rubric



Circle the value of activity	Low (0 pts.)	Medium (1 pt.)	High (2pts.)
Skills, knowledge enhanced from trip (TEKS correlation)	No correlation to Critical TEKS	Some correlation to Critical TEKS	High correlation to Critical TEKS
Number of students participating	100+	30-99	5-29
Nature of the trip	Reward / Experiential	Special Recognition	Competition / Training
Destination of the trip	Local	District / Region	State / National +
Class time missed	2 days	1 day	Partial Day (selected period)
Number of substitutes needed	2+		1
Trip classification	Extra-Curricular Co-Curricular		Instructional
Is the trip paid for with campus activity funds?	No		Yes
Is trip scheduled during testing or reporting cycle?	Yes		No
Is the trip overnight?	Yes		No
Can the trip be done outside the confines of the school day?	No		Yes
Has a copy of the schedule of events or competition bracket been provided?	No		Yes
Is this trip a yearly, reoccurring trip?	Yes		No

Budget Analysis – Secondary Field Trips



Value Added

The district wants to provide students with the richest educational experiences available. In special circumstances, some activities or events may be available only at off-campus locations. They offer worthwhile and significant contributions to students' school experience. They are considered an extension of the classroom and enhance student learning of the essential knowledge and skills.

Budget Analysis – Media Specialists



School Library Media Specialists

Acceptable State Standards on Staffing

- Elementary: At least 1 certified librarian
- Middle School: At least 1 certified librarian
- High School: At least 2 certified librarians (Currently CFISD only has 1)

Approximate cost based on current allocations

- | | |
|-------------------------|-------------|
| ▪ 50 elementary schools | \$2,428,850 |
| ▪ 16 middle schools | 777,232 |
| ▪ 10 high schools | 485,770 |

TOTAL (General Operations budget): \$3,691,852

Budget Analysis – Media Specialists



School Librarians

- Experts in their field;
- Are educational leaders and teachers;
- Affect campus, district, & community;

Previous Cuts to Library Services

- Reduced from 2 librarians to 1 in middle school in 2006-2007
- Reduced from 2 librarians to 1 in high school in 2008-2009

Budget Analysis – Testing Coordinators



Functions of High School Testing Coordinators

- Oversee and coordinate the processes involved with the federal and state assessment programs
 - *Texas Assessment of Knowledge and Skills (TAKS)*
 - *Texas English Language Proficiency Assessment System (TELPAS)*
 - *End-of-Course*
 - *Field Testing*
- Provide assistance in test decision making
- Ensure accuracy of student information used to calculate campus and district accountability ratings

Budget Analysis – Testing Coordinators



Functions of HSTC (cont'd.)

- Monitor the completion of training and certification for test administrators as needed
- Support the coordinated efforts of the district testing office

Approximate cost based on current allocations

▪ Average salary (200 days)	55,294
▪ One coordinator at each HS	<u>x 10</u>
▪ Total (General Operations Budget)	\$552,940

Budget Analysis

PreK and K ESL Summer School



State Requirement:

- 120 hours required by the State

Purpose:

- Accelerate English language acquisition

Funding:

- Cost: \$531,827
- Less State reimbursement: (\$138,978)
- Funded by General Operations Budget - \$392,849

Budget Analysis

1st - 5th ESL Summer School



Purpose:

- Improve English language acquisition for beginner and intermediate students
- Improve knowledge in science
- Keeps students on target to graduate

Funding:

- State Compensatory Education - \$497,551
- Title III Federal Funds - \$47,780

Budget Analysis

Tuition Based Summer School



Purpose:

- Support students who need additional support in reading and math.

Funding:

- Self-funded (tuition)
- Cost - \$386,617

Budget Analysis

Student Success Initiative Summer School



Requirement:

- Provide an accelerated instruction plan beyond the school program for any students who did not meet the passing standard on the second administration of the TAKS test (5th grade reading/math).

Purpose:

- Assist students in meeting the passing standard on the 3rd administration of the TAKS test.

Funding:

- State Compensatory Education - \$290,266

Budget Analysis Secondary Summer School



Purpose of Secondary Summer School

- Enrichment
- Make-up Credit for Failures
- Original Credit for Acceleration
- Intervention for 8th grade TAKS Failures (SSI)

Revenue and Expenses

- | | |
|---------------------|-------------|
| ▪ Tuition Collected | +\$979,000 |
| ▪ Payroll Costs | - \$957,895 |
| ▪ Transportation | |
| SSI – Middle School | - \$277,792 |

Total funded by Gen. Operations Budget \$256,687

Budget Analysis Secondary Summer School



Why Provide Summer School?

- Assist students in making progress toward academic goals
- Assist students in regaining credits and preventing drop outs
- Assist students to graduate early and take advanced courses
- Student Success Initiative requires an intervention be provided after 1st and 2nd administration of 8th grade TAKS math and reading

Budget Analysis

High School Laptop Project



Trends in K-12 Education

- Research-based migration to technology infused learning
- 21st Century learning
- Students are “digital natives”
- Legislative support for technology vs. textbooks
- Higher Ed and workplace are increasingly technology-based.

Budget Analysis

High School Laptop Project



- 2007 Bond approved 1:1 laptop initiative
- Provide experience working with technology
- Prepare students for workforce or college



Budget Analysis

High School Laptop Project



- Students in U.S. History classes
- Learning Management System
- Students have laptops to use 24/7



Budget Analysis

High School Laptop Project



- Adoption rate – 92%
- Insurance fee - \$25.00 per laptop
– student funded
- Technology support cost about \$200,000/year and is funded through the general operations budget.

Budget Analysis

High School Laptop Project



Equipment Protection / Safety

- Insurance
- Built-in security
 - Internet filtering software
 - Laptop theft protection software



Budget Analysis

High School Laptop Project



eTxTIP Technology Immersion Pilot

- 2003
 - Texas Legislature mandate
- 2004
 - Texas Education Agency pilot
 - Wireless laptop to every teacher and student
 - High-need middle schools
- 2004-2008
 - Texas Center for Educational Research evaluating

Budget Analysis

High School Laptop Project



Effects of Technology Immersion on Students and Learning

- **Major Findings**

- Increased students technology proficiency and reduced proficiency gap between economically advantaged and disadvantaged students
- Students with greater access to laptops for learning, especially outside of school, had significantly higher TAKS reading and math scores

Budget Analysis

High School Laptop Project



Laptop 1:1 Initiative – Other Districts

- **Irving**
 - 9 years
 - 1 elementary, 1 middle, 5 high schools
- **Klein**
 - 4 years
 - 1 middle, 2 high schools
- **Bryan**
 - 6 years
 - 3 middle school
- **Spring**
 - 3 years
 - 1 high school

Budget Analysis – Energy Management



- Annual Budget/Overview
- Incentives/Rebates
- Efficiency Initiatives
- New Initiatives

Budget Analysis – Energy Management



- Annual Budget/Overview
 - Annual Utility Expenditures (2008-2009 used for consistency)

Electricity	\$ 17.2 million
Gas	\$ 1.4 million
Water/MUD Districts	\$ 1.9 million
 - Average Electricity Cost
 - \$1.19 /SF for campus buildings
 - Staffing – Energy Manager, HVAC Systems Coordinator, secretary
 - \$294,000 in salaries, software, supplies

Budget Analysis – Energy Management



- Scope of Work
 - Leads team to negotiate electricity contracts
 - Receives and approves all utility billing for 116 electrical, 156 water, and 95 natural gas meters.
 - Recovers money from billing errors using energy accounting program
 - Operates three building energy management systems to control HVAC and lighting centrally
 - District temperature set points are controlled centrally
 - Enters an average of 4500 schedules per month for after hours HVAC and lighting
 - Applies for grants and incentives for energy efficiency

Budget Analysis – Energy Management



- **Incentives/Rebates**
 - CenterPoint's Retro-Commissioning Program
 - Received \$155,788 in incentives from CenterPoint SCORE program in 2008-2009
 - According to SCORE, CFISD currently ranks as the second most efficient of 15 comparison districts.

Budget Analysis – Energy Management



- Efficiency Initiatives
 - Bond program funds being used to retrofit lighting and HVAC controls in all district facilities
 - Recovered \$233,842 in billing errors
 - Utilizes EMS technology system to assist in controlling electricity and gas consumption.
 - Increased district set point to 74 degrees for cooling – 69 degrees for heating

Budget Analysis – Energy Management



- New district initiatives
 - M Power – technology system that allows energy manager to look at real time electricity consumption
 - Computer power management program
 - Web enabled thermostat system for portable buildings
 - Continue in CenterPoint's Retro Commissioning Program

Budget Analysis – Operations



- **Annual Budget**
- **Scope of Work**
- **Staffing**

Budget Analysis – Operations



- **Overview**

- Annual Budget - \$23 million
- Scope of Work
 - 14.4 million square feet (\$1.60/SF)
 - 107 buildings, 322 portables
- Staffing : 651 custodians, 19 special services, 8 supervision, 4 clerical, 3 management

Budget Analysis – Operations



Scope of Work: Classrooms

- Pull trash, replace liner
- Vacuum, dust mop, sweep
- Disinfect high touch surfaces
- Clean glass and acrylic surfaces
- Clean spotted carpet if needed

Budget Analysis – Operations



Restrooms

- Pull trash, replace liner
- Sweep, mop, scrub (as needed)
- Disinfect sinks, toilets, urinals, walls
- Clean mirrors
- Scrape gum and other substances (as needed)

Budget Analysis – Operations



Lunch Services

- Set up tables
- Clean tables after all lunches
- Clean floors as necessary
- Sweep, mop, scrub

Budget Analysis – Operations



Sport Court

- Vacuum or sweep
- Mop entire floor with disinfectant
- Clean floors as necessary
- Sweep, mop, scrub as needed

Budget Analysis – Operations



Special Services

- Graffiti removal
- Emergency remediation
- Equipment repair

Budget Analysis – Operations



Special Services (continued)

- Facilities support-move out, move in
- Carpet Cleaning
- Gym/Stage floor refinishing
- Pools

Budget Analysis – Operations



- **Staffing**

- **Elementary Schools - 5 - 6 FTEs**
- **Middle Schools - 9 -10 FTEs**
- **High Schools - 18 -19 FTEs**
- **Other facilities - varies from 1- 8 FTEs**

Budget Analysis – Operations



- **Best practices**

- Riding sweepers/scrubbers
- Power washers
- Back-pack vacuums
- Microfiber cleaning materials
- Chemical proportioning systems

Budget Analysis – Operations



- **Labor rates (hourly)**

- **Minimum \$9.31**
- **Midpoint \$11.64**
- **Maximum \$13.97**

Budget Analysis – Operations



- **Budget Reductions**

– 2006-2007 \$383,000

– 2008-2009 \$264,200

– 2009-2010 \$750,000

Budget Analysis – Operations



- **Comparative data**

- Staffing similar to area districts, some lower, some higher.
- Scope of work is a driver
- Program review by TASB

Budget Analysis – Berry Center



Overview

- Educational Support Center - approved by 84.4% voters in 2001 bond election
- Voters also approved 2nd athletic stadium
- Facilities combined to save \$4 million in parking costs
- Budget (included in bond election) - \$84 million.

Budget Analysis – Berry Center



Berry Center-not only an athletic complex

- **Five facilities in one:**
 - ✓ **Arena**
 - ✓ **Conference center**
 - ✓ **Stadium**
 - ✓ **Theater**
 - ✓ **Food Distribution Center**

Budget Analysis – Berry Center



Facility Usage

- Utilized seven days a week
- Since opening - more than 8,100 events
- Berry Educational Support Center – focus on student, teacher, parent and community organization use

Budget Analysis – Berry Center



- Most district events have costs but produce no income
- Previously district/outside events ratio - 75%/25%
- 2008-2009 district to outside events ratio – 65%/35%

Budget Analysis – Berry Center



Instructional use examples (2008-2009)

Instructional Camps/Advanced Placement Testing, etc. (112)

- Professional Development Training (1,091)
- UIL Theater Arts/Music Competitions (48)
- Competitions/contests (64)
- Emergency school location

Budget Analysis – Berry Center



Operational Budget Revenues/Expenditures

08-09

Revenues based on:

Rentals/other income/Catering/Concessions

- Revenue - \$1.9 million
- Operational cost - \$3.3 million
- Net operational cost - \$1.4 million
- 0.2 % of district operating budget

Budget Analysis – Berry Center



Cost Savings Primarily Realized by Students/Parents/Patrons

- Proximity of Berry Center for student competitions (increases audience and supporters and saves travel expenses)
- Graduation – Parking savings alone - \$120,000
- Proms – per student cost approximately ½ as much as hotel charges

Budget Analysis – Berry Center



District Efficiencies

- Other district spaces not adequate for convocations or even principal meetings
- Some cost savings on space rentals (i.e., graduations, convocations, etc.)
- Ability to gain revenue to offset costs of district events
- Food Distribution Center – distributed 8 million meals -doubled capacity of trucks serving west side of district

Budget Analysis – Berry Center



Goal - Efficiencies/Increased Revenue

- Marketing emphasis within staff capacity
- Goal to increase outside rentals (examples)
 - Alief Graduations 2010
 - KSBJ Concerts (Third Day, newsboys, Skillet, etc.)
 - Houston Family Arts Center
 - Houston Center Stage Theater
 - Cirque du Soleil – June 2010 and beyond!
 - Second Baptist Church – expansion of space/service
- Operational review by outside consultants – spring 2010