



Curriculum and Assessment System

CISD Curriculum and Instructional
Programs

The Components

- **Curriculum Management System** – an electronic, interactive forum to create and store curriculum documents, calendars, units, lesson planning, and resources; searchable and collaborative
- **Assessment System** – a database of assessment items that can be searched by standard and selected to create assessments and score assessments connected to student data
- **Data Analysis System** – a data warehouse that contains student information and assessment information and can be queried to analyze data as well as generating standard reports.

Before and After - Curriculum

- Curriculum documents stored as Word docs. on T-share and as PDF on portal
- Teachers have access to read the documents
- Teachers complete different lesson plan forms depending on the campus
- Curriculum documents are updated manually
- Teachers build a repository of successful lessons connected to the standards
- Teachers can share lessons and units across grade levels/teams/campuses
- Documents are automatically updated
- Teachers can search for lessons/units connected to standards

Before and After – Assessment & Data Warehouse

- Teachers create assessments that are static.
 - Teachers use assessments that are not aligned to the standards.
 - Teachers grade assessments for accuracy.
 - District benchmarking reports are printed for each teacher and mailed
 - State assessment data is hard copy for each student.
- Teachers have access to a database to create assessments – searchable according to TEKS, answers can be scrambled, tests can be given online.
 - Teachers can score assessments so that data can be analyzed according to objective.
 - Teachers have access to all of the data generated from the benchmarking and other assessments for each student to customize instruction.

Decision-Making Process

- 18 months of research
- 3 different committees
- 10 vendor demonstrations
- Reference checks on 7 vendors
- Site visits
- Teacher, principal rubric scoring

Top 3 List

■ <i>Eduphoria/TetraData</i>	\$681,429
■ <i>SchoolNet</i>	\$933,494
■ <i>Scantron Hardware</i>	\$ 20,310 (one time cost)
■ <i>Edsoft</i>	\$370,000

Recommendation (pending contract negotiations)

- *Forefront by Eduphoria* (Curriculum System)

Curriculum that can be shared in multiple ways.

- *TetraData with Scantron Achievement Series*
(Assessment and Data Warehouse solution)

True data analysis tool that can be manipulated in multiple ways.

Praise for Forefront

- Very user friendly
- Accessibility (for Blackboard)
- Sharing with colleagues
- TAKS objectives/TEKS availability directly on screen
- One screen accessibility
- Archival
- Administrator friendly
- Great layout
- Loved the week at a glance view
- Discussion threads
- Sharing within grades, campus, and across district

Praise for Tetradata Within CISD

- “Performed complex data analysis with easy-to-read graphs. Even the administrative view was easy to navigate.”
- “Seemed to have more data available right away.”
- “Ability to click and drag multiple kinds of data and immediately change it from numerical to percentiles to graphs and vice versa was impressive.”
- “Graphs can be sent directly to other applications, such as Power Point, Word, or Excel.”
- “National, state, and local assessments can all be uploaded easily into the data warehouse.”
- “Awesome ability to analyze data over time as well as the analysis of program costs to student success.”
- “TetraData has the ability to synchronize "real-time" with our current educational and business systems in order to provide immediate access to information that is important to them.”

Praise for Tetradata Outside CISD

- “They are family oriented...they make you feel that you are their only customer.”
- “The process and integration between all components works great...you get immediate data results.”
- “Outstanding responsiveness to any requests...usually the same day.”
- “Met all timelines on their end...sometimes the process slowed down due to our inability to provide what was needed.”
- “Extremely patient and dedicated to helping us build the exact system we wanted.”
- “They were always up-front about what could and could not be done.”
- “We have the ability to dialogue with them about improvements for future upgrades to their products...they really listen to us.”

Cost Breakdown

TetraData: Data Warehouse/ Analysis Suite/ Data on Demand/ DASH						
	Year 1	Year 2	Year 3	Year 4	Year 5	TOTAL
5 Year Term License/Mg.	\$210,000					\$210,000
Project Mgmt & Implem.	\$67,550	\$31,900	\$31,900	\$16,250	\$16,250	\$163,850
Technical Support-Local Host	\$17,500	\$5,000	\$5,000	\$5,000	\$5,000	\$37,500
Professional Learning	\$27,650					\$27,650
					TOTAL:	\$439,000
Scantron Achievement Series						
5 Year Term License/Mg.	\$181,295					\$181,295
Project Mgmt & Implem.	\$7,000					\$7,000
Professional Learning	\$12,200					\$12,200
					TOTAL:	\$200,495
Eduphoria--School Objects Suite						
	Year 1	Year 2	Year 3	Year 4	Year 5	TOTAL
Project Mgmt & Implem.	\$17,654					\$17,654
Professional Learning	\$3,000					\$3,000
Annual Licensing		\$5,320	\$5,320	\$5,320	\$5,320	\$21,280
					TOTAL:	\$41,934
				Overall Total: \$681,429		
Scantron Hardware						
2 scanners inc. S/H	\$13,726					\$13,726
Additional yr. service		\$1,646	\$1,646	\$1,646	\$1,646	\$6,584
					TOTAL:	\$20,310

Implementation Plan: Forethought

- Summer 2006
 - Plan/Design with the Curriculum Department to map out the “look” of our portal page
 - Training for the designated Trainer of Trainers
 - Development of the district’s portal page
 - Time to load existing curriculum into the portal
- Expected release to teachers for those who choose to use this year: Late Fall 2006 to January 2007

Implementation Plan: TetraData

- Year 1: Phase 1— By October 2006
 - Design & develop an Operational and Analytical Data Warehouse and Central Data Store to include:
 - Student, Teacher, Class, Course, School & Schedule
 - Student Programs & Course Grades
 - TAKS, Curriculum Based Assessments (CBA), Local Assessments
 - Training for targeted users to effectively use the Analysis Suite and DASH (Train the Trainer Model)
- Year 1: Phase 2---TBD (Spring 2007)
 - Expand the use of the Data Warehouse and Central Data Store to include:
 - Special Education, Attendance Detail and Summary
 - Special Education queries developed with the partnership of Dr. Ruth Turner to track areas of concern.
 - TELPAS, TPRI/Tejas Lee, SAT, ACT, PSAT

Implementation Plan: TetraData

■ Year 2: 2007-2008

■ Expand the use of the Data Warehouse and Central Data Store to include:

- Discipline Detail & Summary, Mobility, Non-Scheduled Course Grades, Teacher Detail
- AP, ITBS/CogAT
- Assessment Refresh of assessments in Year 1

■ Year 3: 2008-2009

■ Expand the use of the Data Warehouse and Central Data Store to include:

- Financial/ HR
- Assessment Refresh of all assessments

Implementation Plan: TetraData

- Years 1-5: Data on Demand Management Services (nightly uploads) to
 - accommodate changes, modifications, or additions to data movement and the warehouse.
 - include a bank of 30 days for Years 1-3 and 20 days for Years 4-5 to be used at CISD's discretion for the refreshing and updating of the data warehouse.
- Integration with current systems.

Thank you!
