Executive Summary for *DataWarehouse and Web DataPortal* - http://goo.gl/cR2jHk

Overview	The ECISD lacks a time-effective, efficient process for data-driven administrators to access student achievement data from disparate sources inside and outside the District. The data warehouse and web dataportal enable role-based, tiered access to data for a variety of end users such as central office, campus, and classroom staff. Access is granted via interactive panels that summarize and present reports as needed.
Staff Impact	All ECISD professional instructional staff responsible for analyzing and enhancing student achievement.
Student Impact	All students are impacted.
Budget Available	Estimated cost is $299,000 (Administrator component + Classroom/Student component) for initial deployment of a locally-hosted vendor solution.
Professional Learning	Professional Learning opportunities for district and campus staff will be made available as needed via a train the trainer approach.
Products	ECISD staff will have access to data needed to make prompt, informed decisions that impact student achievement.
Stakeholders	Curriculum Department (Proposer); AdminCouncil (Approvers); All District staff and students.

Why is this necessary?

The East Central ISD has a clear and urgent need to institute a data warehouse that is easily accessible by district/campus level staff. All Curriculum Department Offices, as well as Business and campus level staff, have need for a locally-controlled, central repository of **all**--Eduphoria *Aware* only provides some access--student/staff data, making it a time-consuming (e.g. hours to weeks) chore to correlate data from multiple sources (e.g. SMI/SRI and STAAR). Lack of a customizable data aggregation and reporting functions that are automated and easy to produce, force reliance on a single person to generate reports (e.g. DropOut Reports) for various locations. Staff spend hours per day, even weeks, tracking and sifting through data to create end of course (EOC) student lists that could be generated with a custom query that had access to all data sources. Furthermore, staff must keep track of alternative measures using Excel spreadsheets, which they assert is time-consuming and error-prone.

The District currently has to provide ALL or nothing access via Open DataBase Compliant (ODBC) connection to staff, making it difficult to grant general users access to a subset of sensitive, confidential data they need to work. This means that both district and campus staff have to correlate data between iTCCS and vendor systems--whose disparate systems are unable to “talk to each other”--to get the results needed to serve special populations.

What happens if we don’t implement?

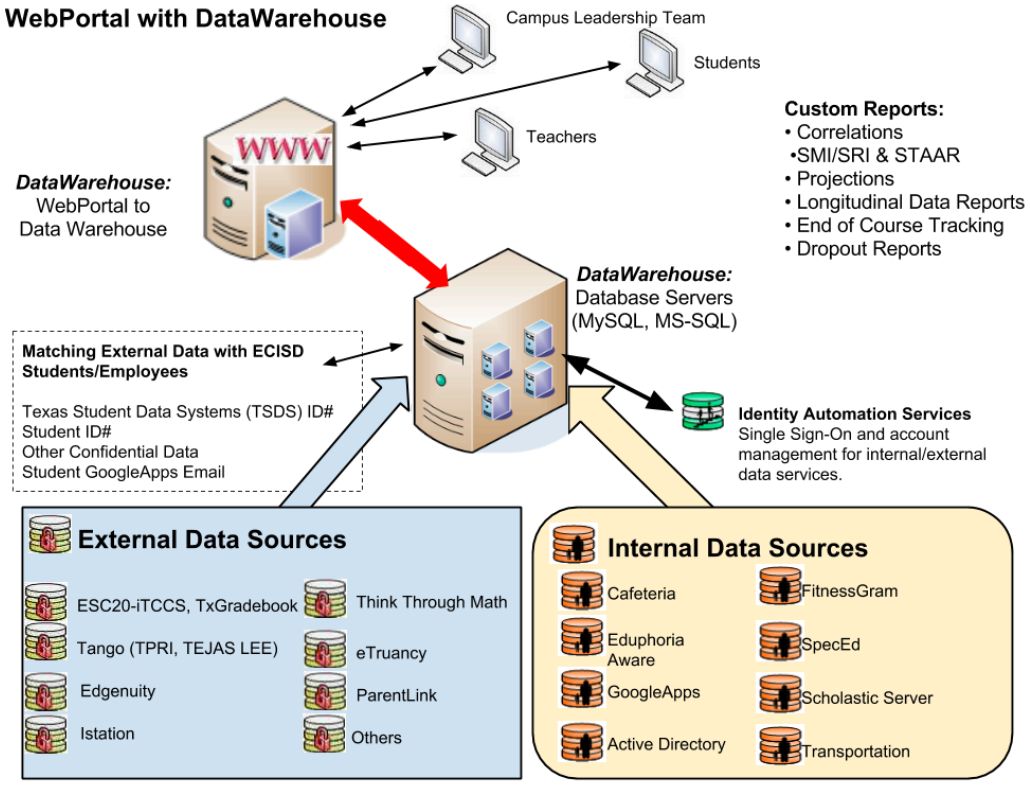
If nothing is done, increasing demands for data-driven decision-making on the part of Curriculum and Campus staff will result in inaccurate decisions that impact student achievement, children's lives.

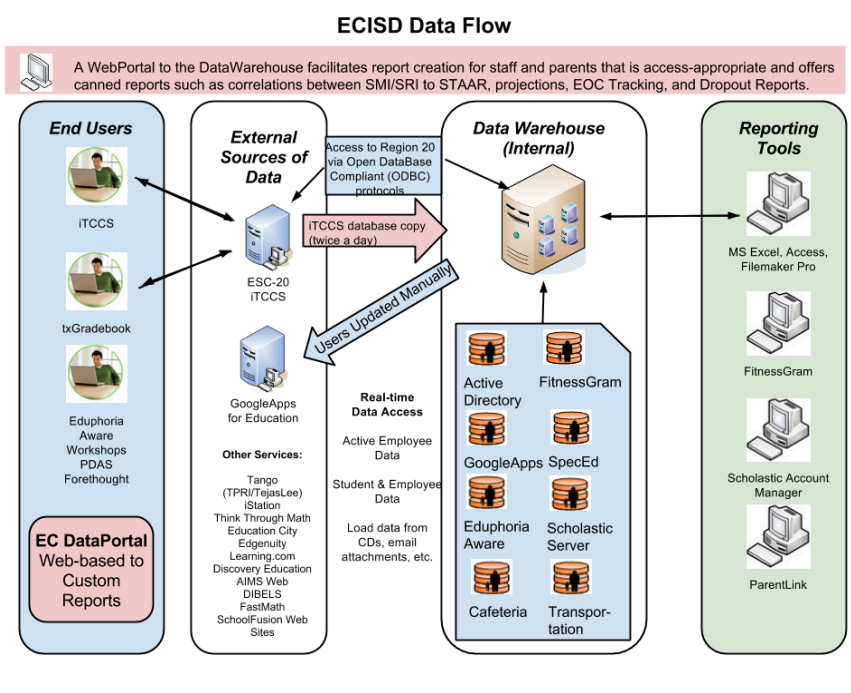
How will we measure success?

Success is achieved when obstacles to data-driven decision-making outlined in the needs are are addressed.

When will this happen?

Pending budget approval, this would be put in place during the 2013-2014 school year.





Phases of Development

Pre-Development
• Hire Database Administrator

Phase 1
• Construct DataWarehouse
• Develop data join queries that merge data from multiple sources of data.
• Map out data queries to obtain desired reports (e. g. EOC Tracking, Dropout Reports, Correlations, and Projections).

Phase 2
•Create levelled access matching staff member's right to data access.
• Create ECISD WebPortal that presents desired reports.
• Enable access for district and campus staff.

Phase 3
• Enable drill-down data mining for teachers to student level.
• Enable teacher/parent student WebPortal views and reports.