

At eScholar, we believe that to truly improve education, you must improve your ability to use data. eScholar is a market leading education data management company with deep experience delivering products and services for educational data warehouses designed specifically for preschool through postsecondary education. Staffed by experts in both education data management and data warehousing, eScholar products have been proven in numerous state education agencies (SEA) and hundreds of local education agencies (LEA) implementations since 1997. With eScholar products and services, educators gain the control over the school data they need to truly improve education outcomes and performance.

An eScholar Readiness Workshop™ will help you explore how data-based decision making can help you evaluate and improve your educational programs, accountability systems and No Child Left Behind (NCLB) reporting.

### **Making P-20 Data Warehousing a Reality**

Education agencies have vast amounts of valuable data such as student demographic information, assessments, grades, attendance, staff information and discipline data. Much of this information is maintained in the application databases that are designed for daily operations. These operationally-oriented databases do not allow for comparisons between databases (i.e. staff vs. student) nor are they adequate for longitudinal analysis over multiple years. Data warehouses, on the other hand, allow SEAs or LEAs to pull together data from multiple operational systems and store that data in a single location. Once the data has been cleansed and organized in a data warehouse, it can be used for trend analysis, program evaluation, decision support and fulfillment of NCLB reporting requirements.

With cleansed, organized, unified data stored in a data warehouse, education agencies can ask important questions that affect student and school performance. For example:

- Are benchmark tests good predictors of achievement on state assessments?
- How does student performance on different tests compare?
- Which students almost met the standard on a particular assessment?
- Do attendance patterns correlate with academic achievement?
- Are certain district initiatives achieving their desired result?
- Is there a relationship between teacher certification and assessment performance?
- Are there any patterns relating staff to student attendance?

### **eScholar Readiness Workshop™**

The eScholar Readiness Workshop has been a crucial first step in eScholar implementations for numerous education agencies. The workshop brings together a select team from within an SEA or LEA to work with eScholar services professionals to identify the key components of a data

warehouse, to assess the data needs and goals of the education department, and to generate a plan for how data can help support the agency's education decision-making and reporting efforts.

This one-day workshop, held at your site, provides a complete foundation in data warehousing concepts and principles. A typical workshop agenda is as follows:

### **Morning**

- What is a data warehouse?
- History of education data warehousing
- The eScholar products
- The eScholar P-20 data model
- Why are standards important?
- How have other education agencies benefited?

### **Afternoon**

- What is the SEA or LEA's reporting needs?
- What are the critical data domains?
- Who are the data guardians?
- Where are the critical data?
- What condition is the critical data in?
- How do we proceed with data warehousing?

## **Blueprint for Action®**

The conclusions reached during the afternoon session are captured in a comprehensive eScholar's Blueprint for Action. This document spells out the specific steps that your education agency should undertake to improve your ability to manage and effectively use the data you have. SEAs and LEAs have used the Blueprint for Action to dramatically improve their ability to focus resources and to clearly communicate across the agency the value of data warehousing.

## **Data Warehousing is Not Just a Technical Project**

The success of a data warehouse project depends on people. There are many stakeholders with differing interests. These stakeholders can include a statewide head of education, state and district heads of IT, district superintendents, district administrators, and IT staff that are responsible for running and maintaining the system. The eScholar Readiness Workshop allows these stakeholders to develop a strong sense of mission and plan of action to address their education agency's information needs.

## **Who Should Attend?**

Participants in the eScholar Readiness Workshop should include:

- CIO, CTO
- District Superintendents, Administrators, and other decision-makers
- Building Principals
- IT Director and technical staff
- Student Information System manager
- “Data Guardians”, those individuals responsible for maintaining systems tracking:

Title 1/NCLB  
 Special education  
 English Language Learners  
 Migrant education  
 Curriculum  
 Teaching Effectiveness  
 Discipline  
 Standardized assessments  
 Vocational Ed  
 Transportation

To further discuss whether your education agency should participate in an eScholar Readiness Workshop or for more information, please contact Sales (877) 328-2969 or [sales@escholar.com](mailto:sales@escholar.com).

### *Why eScholar?*

- The leader in education data management, providing successful statewide solutions for 11 SEAs, supporting over 3,500 school districts and more than 12 million students across the country.
- Focused exclusively on the education data management industry since 1997.
- Comprehensive services, training and support programs to ensure customer success.
- An established, active user community allowing access to best practices, experience, and support from peers nationwide

Today, our products have become the recognized standards in the student and staff identification and educational data warehousing markets. The eScholar Complete Data Warehouse® solution has become an indispensable solution to local and state education agencies for integrating and managing the vast quantity of information they collect on students, programs, teachers and much more.

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