



Detroit Schools Pioneer Application of EDUSS Learning Software for Differentiated Diagnostic Assessment and Prescriptive Individualized Learning.

Case Study Summary

Scope of case study: **Math competency improvement**

Subject Topic: **Mathematics**

Year Level Proficiency: **Year 1 & 2**

Total number of students in group: **87**

Number of students in control group: **45**

Number of classes in controlled group: **3**

Grade 1A	Grade 1B	Grade 2
5%	12%	9%

[Click for detailed study breakdown](#)

Breaking new ground, Detroit is the first city in the U.S. to formally measure its students' proficiencies in a direct comparison study with the world's first IMTA, (Integrated Multidimensional Teaching Assistant), using EDUSS Math to assess, differentiate and automatically tutor each student in the classroom.

The spring 2006 pilot program was independently administered by the staff at Cornerstone schools. The "Before and After" results showed the power of the EDUSS tool in truly identifying the student's level of knowledge and understanding and differentiating the gaps, strengths and proficiencies of each student.

Most tools in the marketplace today are really predictive of student outcomes in "teaching to a standardized test," but fall short in identifying individual student gaps and needs. Learning designed around a predictive system is simply not adequate.

According to Theo Scherman, EDUSS CEO, "the Automated Assessment and Tutorial Engage a Student, because it is student centric and relevant".

By constantly polling the students' response the student is operating in the "Zone of Proximal Development" which means that the EDUSS system is neither understating nor overstating a learner's development. The EDUSS assessment tool provides adaptive testing and tutorials that truly calibrate to the learner's level of achievement. This is a pivotal research fundamental setting EDUSS apart.

Cornerstone's leadership hoped to improve competency in Math for First and Second Grade, the results proved the assumptions in just 3 short months.

"It was fairly easy for us to make the decision to continue employing the EDUSS system when we saw the results."

Earnestine Saunders, CEO Cornerstone

Pilot Objective		
Improve Math Competency in First and Second Grade.		
RESULTS: Aggregate Improvement by Class		
Grade 1A	Grade1B	Grade2
5%	12%	9%

"Because it is relevant to the needs of each student, EDUSS has great value. Since students' internal motivation is also a factor students love it because of the immediate feedback." Loraine Murphy, Academic Dean at Cornerstone.

Student Data to Support EDUSS Effectiveness is available by request: info@eduss.com

"EDUSS continues to be the market leader in providing ground breaking technology to maximize teacher's pedagogic capacity, while meeting the multiple demands of a standards based world. In over 4,100 schools worldwide, call EDUSS Learning, Intl. at 800-993-3877 or visit www.eduss.com to learn how we can help you."