



# Archived Information

THE CHARLES A. DANA CENTER

THE UNIVERSITY OF TEXAS AT AUSTIN

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## **I. Math and Science Initiative Goal: Strengthening Texas Mathematics and Science Education**

### **II. Summary**

In close collaboration with state education agencies, professional organizations of educators, and community-based organizations, the Charles A. Dana Center designs and operates more than three dozen state, regional, and local projects, all designed to improve mathematics and science education in Texas. These projects collectively have served 100,000s of teachers and more than 10,000 administrators and specialists. The work is driven by an active research effort and a commitment to continuous improvement.

Dana Center programs include large-scale Texas standards-based professional development series, mathematics and science teacher leadership programs, online systems to support the teaching of advanced mathematics and science courses, and specialized efforts to ensure that homeless children and other children considered “at risk” have access to high-quality mathematics and science instruction.

### **III. Purpose**

The purpose of the Dana Center’s work is to provide a powerful infrastructure for continuously improving mathematics and science education, and for incorporating scientifically based research into educational practice.

### **IV. Accomplishments/Results**

In close collaboration with the state education agency and other partners, the Dana Center has played a role in increasing the performance of Texas students on a wide variety of assessments, including the National Assessment of Educational Progress (NAEP) and the Texas Assessment of Academic Skills (TAAS; the new assessment, implemented in 2003, is the Texas Assessment of Knowledge and Skills, or TAKS).

The Dana Center has put in place a stable infrastructure for the continuing education of thousands of Texas educators, administrators, and community leaders.

### **V. Plans for the next 12 months**

To continue to upgrade support systems for Texas students, teachers, and education leaders, and to collaborate with state agencies and districts constructively respond to the requirements of No Child Left Behind (NCLB).

Research studies and further information can be found at the Dana Center website: [www.utdanacenter.org](http://www.utdanacenter.org).