

# **Evaluation of New Century Education Software**

## **7<sup>th</sup> Grade Mathematics**

**Academic Year 2004-2005**

**at**

**Grant Joint Union High School District**

**Evaluation Prepared By:**

**Cometrika, Inc.**

cometrika@gmail.com

Franklin J. Boster, Ph.D.

James Ah Yun, Ph.D.

Renee Strom, Ph.D.

Linda J. Boster

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## **Executive Summary**

- An experiment was conducted during the 2004-2005 academic year in which 454 7<sup>th</sup> Grade students participated in a mathematics experiment in order to assess the effectiveness of the New Century Education Integrated Instructional System. Experimental group students received exposure to the New Century Education system; control group students did not.
- Student performance was assessed by comparing 2004 and 2005 CST and CAT6 scores for experimental group and control group students.
- This was part of a larger controlled study that assessed 1,293 7<sup>th</sup> and 9<sup>th</sup> Grade students who participated either in a mathematics experiment, a reading experiment, or both.
- Mathematics results indicated a strong effect for 7<sup>th</sup> grade. The 7<sup>th</sup> grade effect indicated that students exposed to the New Century Education Integrated Instructional System outperformed those who were not exposed to New Century.
- Limitations of the experiment include relatively modest sample sizes and relatively large attrition.

