

CASE STUDY

Students Show Substantial Gains Using Explode The Code Online

Hayward Unified School District , Hayward, California



Introduction

Hayward Unified School District (HUSD) in Hayward, California conducted an independent analysis on the standardized state test performance of striving students who participated in the Supplemental Education Services (SES) tutoring program. These students participate in one of several SES tutoring programs to achieve the goal of preparing them to be college and career ready upon leaving the district.

Explode The Code Online® was provided in after-school tutoring sessions with TutorWorks as the primary intervention.

Methodology

In the spring of each academic year, students were administered the California STAR English Language Arts (ELA) standardized assessment to evaluate their English language abilities. Students who participated in SES tutoring and were administered the STAR ELA in both the spring of 2011 and spring of 2012 were included in the following analyses. Only data for SES programs in which more than 10 students participated was included.

SCHOOL DISTRICT

Students Enrolled: 20,336

Hispanic.....	65%
Asian.....	15%
Black.....	8.9%
White.....	4.4%
Other.....	6.7%
Free or Reduced Lunch.....	68.5%

RESEARCH SUMMARY

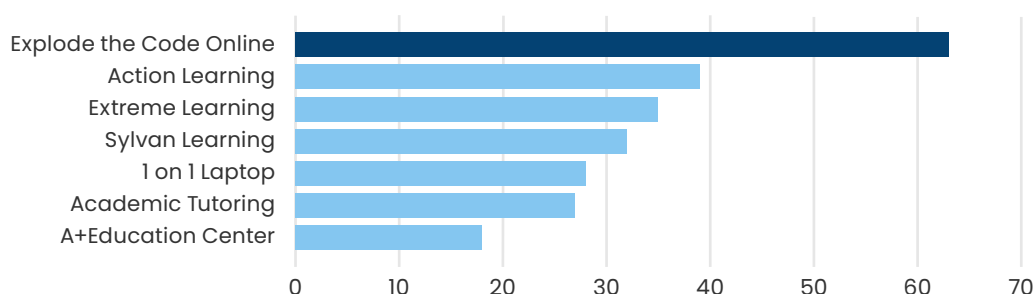
Almost two-thirds of students who used Explode The Code® Online made substantial gains of 30 or more points on the Standardized Testing and Reporting (STAR) ELA. These gains are considerably higher than seen with any of the other SES program, suggesting that training in Explode The Code Online improves striving students English language abilities more than other programs.

Results

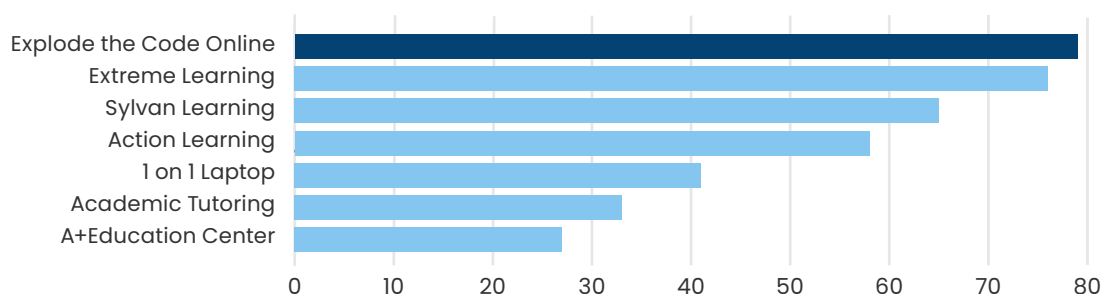
Chi-square tests of independence were performed to determine if the percentage of students who achieved gains differed by SES program.

1. The percent of students who made substantial gains of 30 or more points on the STAR ELA was calculated by SES program. The percentage of students who achieved substantial gains differed by SES program ($p < .001$). The greatest percentage of students made substantial gains on Explode The Code Online. This percentage was significantly greater than all other programs (all $p < .05$).
2. The percent of students who made any positive gains on the STAR ELA were calculated by SES program. The percentage of students who achieved any positive gains differed by SES program ($p < .001$). The greatest percentage of students made positive gains with Explode The Code Online. This percentage was significantly greater than all other programs (all $p < .05$) except Extreme Learning.

Percentage of Students with **Substantial** gains on STAR ELA



Percentage of Students with **Positive** gains on STAR ELA



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