

CALIFORNIA
HAYWARD SCHOOL DISTRICT
BRET HARTE MIDDLE SCHOOL
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One hundred nineteen 8th grade students at Bret Harte Middle School participated in I CAN Learn[®] in the 2002-2003 school year. They completed the CST (California criterion-referenced test) in Spring of 2002 and Spring of 2003. Fifty-two students (%) stayed at the same level (see yellow diagonal). Twenty-three students declined in level, only one by more than one level (see green highlights). Forty-four students increased by one (n=50) or more (n=4) levels (see blue highlights). A Wilcoxon matched-pairs signed-ranks test of significance shows that proficiency levels improved significantly more often ($z=-2.4, p<.01$) after introduction of I CAN Learn[®]. Table 1 indicates the number of students by level in 2002 cross-tabulated to the number in 2003.

Table 1
Cross-Tabulation of CST Math Proficiency Levels 2002 and 2003

2002 Performance Standard						
2003 Performance Standard	Fail/Below Basic	Below Basic	Basic	Proficient	Advanced	Total
Fail/Below Basic	5	4	0	0	0	9
Below Basic	11	11	10	1	0	33
Basic	3	15	23	6	0	47
Proficient	0	1	12	13	2	28
Advanced	0	0	0	2	0	2
Total	19	31	45	22	2	119