

# San Mateo-Foster City School District

## 2006-07 ACADEMIC OUTCOMES SUMMARY GRAPHS

### Fourth Grade Students – California Standards Test (CST) Performance Level

All fourth grades students improved their mean CST Language Arts score, but TutorWorks participants improved by nearly twice the amount as students who did not participate in TutorWorks. TutorWorks participants improved by .93 (1.81 - 2.74). Fourth grade students who did not participate in TutorWorks improved by .48 (3.27 – 3.75). The results of this analysis showed a significant interaction between pre/post CST test scores and group:  $F=7.226$ ,  $p=.008$ .

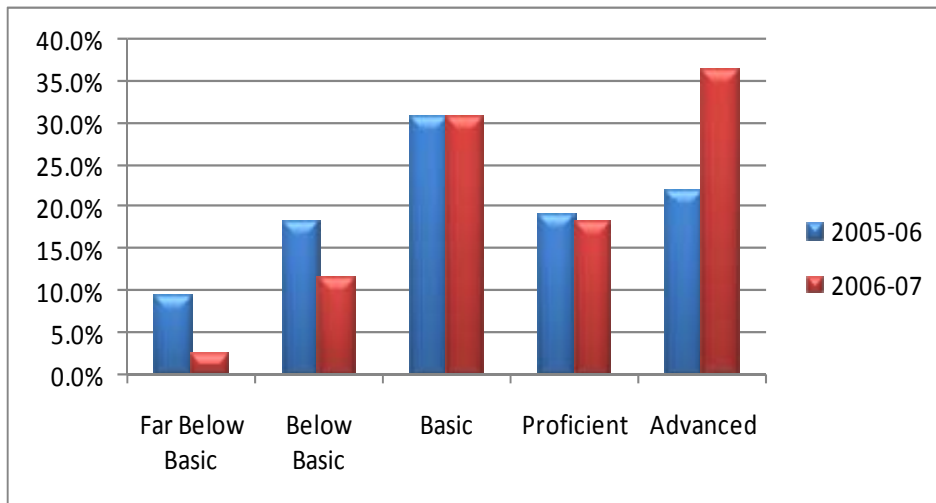
**Non-ETC Online Users CST Language Arts Performance Level Frequency Table**

	2005-06	2006-07
Far Below Basic	9.3%	2.5%
Below Basic	18.5%	11.7%
Basic	30.9%	30.9%
Proficient	19.1%	18.5%
Advanced	22.2%	36.4%

**ETC Online Users CST Language Arts Performance Level Frequency Table**

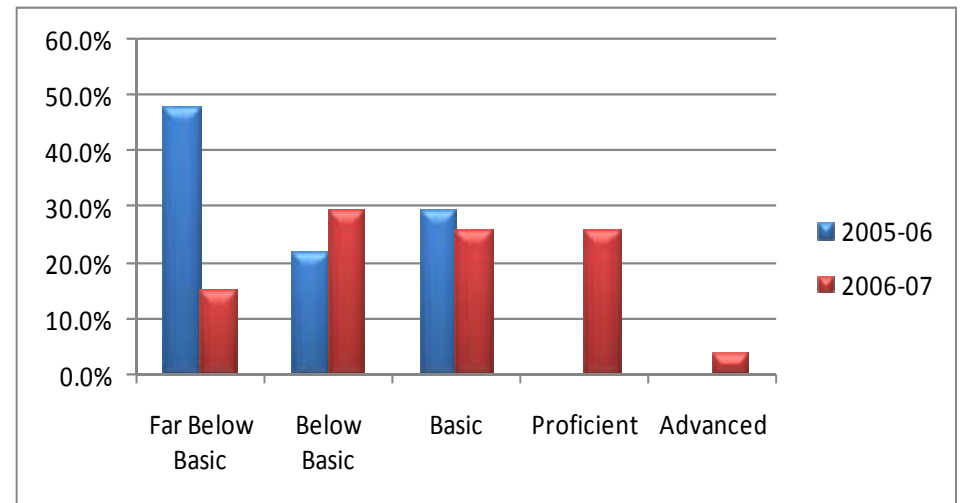
	2005-06	2006-07
Far Below Basic	48.1%	14.8%
Below Basic	22.2%	29.6%
Basic	29.6%	25.9%
Proficient	0.0%	25.9%
Advanced	0.0%	3.7%

**Non-ETC Online Users CST Language Arts Performance Level Frequency Bar Graph**



Paired-sample t-test:  $t=-7.609$ ,  $p<.001$   
The results have high statistical significance.

**ETC Online Users CST Language Arts Performance Level Frequency Bar Graph**



Paired sample t-test:  $t=-5.527$ ,  $p<.001$ .  
The results have high statistical significance.