

Evaluation of High-Achieving Students' Performance in California School Districts Using *Houghton Mifflin Mathematics*

An earlier study, conducted by an independent third party, found that students using *Houghton Mifflin Mathematics*, including those with limited English proficiency, outperformed students using other programs in demographically similar comparison districts. Performance was measured by test results on the mathematics portion of the Stanford 9 (SAT-9) standardized test. Further analysis was conducted to determine whether academically advanced students using *Houghton Mifflin Mathematics* outperform those using other programs on the SAT-9.

The test score data for this additional analysis were obtained from the California Department of Education Web site: <http://star.cde.ca.gov>.

HIGH-ACHIEVING STUDENTS

In nearly all cases (28 of 32 comparisons), in Houghton Mifflin districts, the percentage of students scoring at or above the 75th percentile increased from 2001 to 2002 for each grade examined. Comparison districts experienced increased performance in only 19 of 32 comparisons. Moreover, their gains were smaller than those achieved by the Houghton Mifflin districts.

The full report, presented earlier in this brochure, focuses on the performance gains of students overall, economically disadvantaged students, and those who have limited English skills, showing that their performance increased from 2001 to 2002 and was higher than that of the students in the control districts. A similar pattern is evident with the high-achieving students shown on the next page. Thus while the *Houghton Mifflin Mathematics* program appears to help students coping with specific challenges, it also helps those who require more of an academic challenge.

Students Scoring at or Above the 75th Percentile on the Stanford 9 by District

	SCHOOL	YEAR	GRADE 2	GRADE 3	GRADE 4	GRADE 5
HOUGHTON MIFFLIN	ABC Unified	2002	50	49	48	44
CONTROL	Rowland Unified	2002	43	48	43	39
HOUGHTON MIFFLIN	ABC Unified	2001	34	26	33	28
CONTROL	Rowland Unified	2001	42	42	42	35
HOUGHTON MIFFLIN	Bakersfield City Elementary	2002	24	20	19	16
CONTROL	San Bernadino City Unified	2002	23	26	20	17
HOUGHTON MIFFLIN	Bakersfield City Elementary	2001	20	22	16	13
CONTROL	San Bernadino City Unified	2001	22	22	18	16
HOUGHTON MIFFLIN	Capistrano Unified	2002	65	56	55	51
CONTROL	Clovis Unified	2002	67	63	55	52
HOUGHTON MIFFLIN	Capistrano Unified	2001	58	51	49	49
CONTROL	Clovis Unified	2001	62	59	56	51
HOUGHTON MIFFLIN	N. Monterey County Unified	2002	31	30	25	28
CONTROL	Los Banos Unified	2002	21	19	27	15
HOUGHTON MIFFLIN	N. Monterey County Unified	2001	29	29	27	20
CONTROL	Los Banos Unified	2001	17	20	19	11
HOUGHTON MIFFLIN	Placentia-Yorba Linda	2002	56	50	25	48
CONTROL	Panama Buena Vista Elementary	2002	43	42	40	35
HOUGHTON MIFFLIN	Placentia-Yorba Linda	2001	48	47	45	47
CONTROL	Panama Buena Vista Elementary	2001	43	46	40	37
HOUGHTON MIFFLIN	Riverside	2002	38	35	33	31
CONTROL	Modesto City Unified	2002	27	29	29	27
HOUGHTON MIFFLIN	Riverside	2001	31	28	25	26
CONTROL	Modesto City Unified	2001	29	27	28	28
HOUGHTON MIFFLIN	South Bay Union Elementary	2002	32	34	31	25
CONTROL	Val Verde Unified	2002	35	29	31	32
HOUGHTON MIFFLIN	South Bay Union Elementary	2001	34	33	28	27
CONTROL	Val Verde Unified	2001	35	29	29	27
HOUGHTON MIFFLIN	Vacaville	2002	39	42	38	40
CONTROL	Lake Elsinore	2002	31	33	34	32
HOUGHTON MIFFLIN	Vacaville	2001	35	41	36	33
CONTROL	Lake Elsinore	2001	29	33	34	33