

Investigations Data for 4th Grade

Data for Fourth Grade- Buncombe County Schools, Asheville, NC

End-of-Grade Mathematics Test, Buncombe County Schools
Percent at Level 3 or 4

	2008-2009		2007-2008		2006-2007	
	District	State	District	State	District	State
4 th	87.0	81.5	78.9	72.8	74.2	67.7

Data from one of the lowest performing schools for 4th Grade EoG Math test

Percent at Level 3 or 4

	School	District	State
2006-2007	67.4%	74.2	68.6
2007-2008	70.2%	79.3	73.4
2008-2009	84.3%	87.0	81.5

*2008-2009 was 1st year of full implementation of *Investigations* 2nd edition

National Research on *Investigations* 2nd edition -

In a large scale study, single-grade comparative analyses of the data showed that *Investigations* students did as well or significantly better than comparison students using other curricula on both standardized tests of mathematical achievement and on researcher-designed assessments. At one site the *Investigations* students outperformed the comparison group at each grade level and at the other site they performed statistically the same.

Limitation- This study should be viewed as a first step towards understanding the impact of the second edition. Several factors limit conclusions that can be drawn from this study. The curricular materials were not in final form, measures of classroom practice were based on self-report, and high attrition rates limited the power and complexity of the statistical analyses. However, the results do provide evidence of efficacy.

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