



National Science Resources Center

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## Case Studies of Effect of Inquiry Science Curriculum on Student Learning And Quasi Experimental Effectiveness Studies

Case Studies	Curriculum Program	Study Title	Academic Institution	Year
	STC, FOSS, BSCS	<a href="#">Delaware Department of Education</a>	Delaware Department of Education	1995-2008
	FOSS	Teaching Hands-On/Minds-On Science Improves Student Achievement in Reading: A Fresno Study	Fresno Unified School District	2002
	STC, FOSS, Insights	<a href="#">Valle imperial project in science (VIPS). Four-year comparison of student achievement data</a>	Valle Imperial Project in Science (VIPS)	1999
	STC	<a href="#">Comparative Analysis of Science Achievement in Michigan School Districts Using Science and Technology for Children</a>	Michigan Department of Education	2002
	"hands-on"	<a href="#">An Analysis of Frequency of Hands-On Experience and Science Achievement</a>	University of Richmond	1996
	STC, FOSS	Improving science achievement at high-poverty urban middle schools	Johns Hopkins University	2006
	STC, FOSS, Insights	<a href="#">Student Outcomes in a Local Systemic Change Project</a>	University of Pittsburgh	2001
	STC, FOSS	<a href="#">Washington State LASER West Valley Study Results</a>	RMC Research Corporation	2005

	"hands-on"	The Frequency of Hands-On Experimentation and Student Attitudes Towards Science: A Statistically Significant Relation	Central Connecticut State University	2006
<b>Quasi-Experimental Design</b>	STC	Using Science and Technology for Children®	The Center for the Study of Testing, Evaluation, and Education Policy (CSTEPP)	2002
	STC	<a href="#">Cornerstone Study- The Einstein Project</a>	St. Norbert College Survey Center	2000
	inquiry-based	Inquiry-based science in the middle grades: Assessment of learning in urban systemic reform	University of Arizona University of Michigan	2004
	Chemistry That Applies	Examining the effects of a highly rated science curriculum unit on diverse populations	The George Washington University	2005
	STC, FOSS	The effects of a kit-based science curriculum and intensive science professional development on elementary student science achievement	University of Rhode Island	2005
	inquiry-based	<a href="#">Improving science inquiry with elementary students of diverse backgrounds</a>	University of Miami	2005