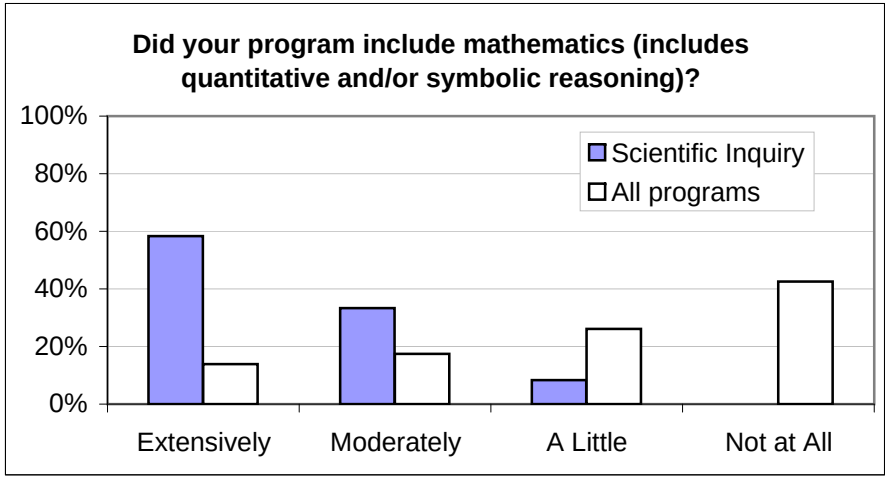
End-of-Program Review 2007-08
Mathematics in Scientific Inquiry programs

Did your program include mathematics (includes quantitative and/or symbolic reasoning)?

	Extensively	Moderately	A Little	Not at All	Percent of Programs with any mathematics	Programs with any mathematics (N)	Programs responded (N)
Scientific Inquiry	58.3%	33.3%	8.3%	0.0%	99.9%	12	12
All programs	13.9%	17.4%	26.1%	42.6%	57.4%	66	115



Description of Scientific Inquiry programs with mathematics

Scientific Inquiry programs with mathematics	Extent	Field	Introductory	Intermediate	Advanced
Algebra, Algorithms and Modeling: An Introduction to Mathematics for Science and Computing	Extensively	Pre-calculus	X		
Computer Science Foundations	Extensively	Logic, computer science, discrete mathematics, probability	X	X	
Energy Systems	Extensively	Precalculus, estimation and graphing, calculus (integral and differential), data analysis		X	X

Logical Foundations for Science and Computing	Extensively	Logic, Computer science	X		
Mathematical Systems	Extensively	Abstract algebra, real and complex analysis, topology, linear algebra, other areas.			X
Models of Motion	Extensively	Algebra, trigonometry, calculus, computer science		X	X
Thinking Straight	Extensively	Statistical reasoning	X		
Advanced Chemistry	Moderately	Calculus, linear algebra			X
Foundations of Health Science	Moderately	Algebra, statistics, critical thinking, and quantitative reasoning	X		
Genes and Development	Moderately	Probability and statistics		X	
Molecule to Organism	Moderately	Applied math - math needed for biology and chemistry		X	
Alchemy: Spiritual and Chemical	A Little	Algebra, measurement, quantitative skills in laboratory	X		