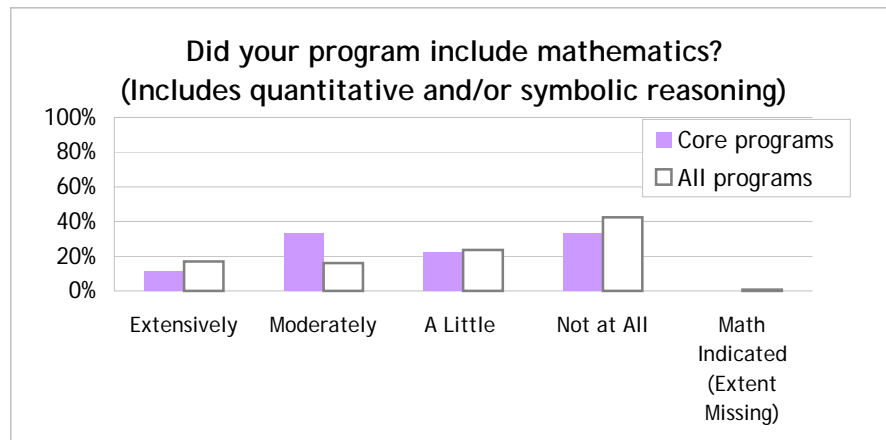


End-of-Program Review 2006-07 Mathematics in Core Programs

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

	Extensively	Moderately	A Little	Not at All	Math Indicated (Extent Missing)	Percent of Programs with any Math	Programs with any Math (N)	Programs Responded (N)
Core programs	11.1%	33.3%	22.2%	33.3%	0.0%	67%	6	9
All programs	16.9%	16.1%	23.7%	42.4%	0.8%	58%	68	118

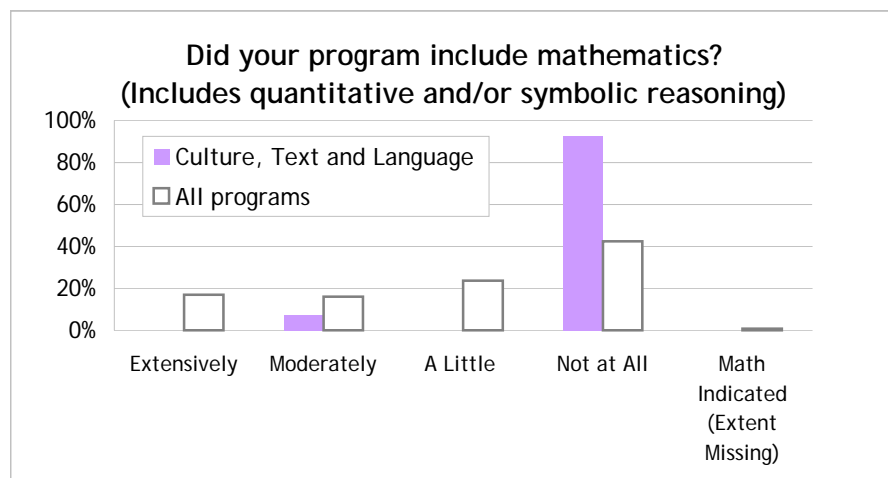


Programs with Mathematics	Extent	Fields	Introductory	Intermediate	Advanced
Understanding Species	Extensively	Statistics	X		
Extraordinary Science of Everyday Experience	Moderately	Logic, Geometry, Calculation, Interpreting Graphs and Tables, Identification and Analysis of trends	X		
Gender and Media	Moderately	Quantitative Reasoning; Research	X		
Visualizing Ecology	Moderately	Statistical and Quantitative Methods in Ecology	X		
American Experiences, American Dreams	A Little	Basic budgets in a brief unit on Business	X		
Sign, Symbol, Symptom: The Politics of Meaning	A Little	Philosophy of Mathematics	X		

End-of-Program Review 2006-07 Mathematics in Culture, Text, and Language Programs

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

	Extensively	Moderately	A Little	Not at All	Math Indicated (Extent Missing)	Percent of Programs with any Math	Programs with any Math (N)	Programs Responded (N)
Culture, Text and Language	0.0%	7.1%	0.0%	92.9%	0.0%	7%	1	14
All programs	16.9%	16.1%	23.7%	42.4%	0.8%	58%	68	118



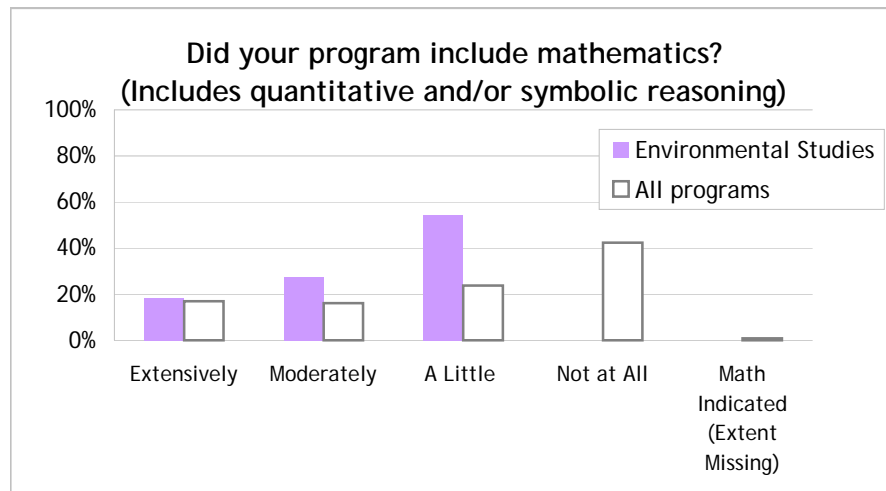
Programs with Mathematics

Program	Extent	Fields	Introductory	Intermediate	Advanced
Mind and the World	Moderately	History and Philosophy of Mathematics, Geometry.	X		X

End-of-Program Review 2006-07 Mathematics in Environmental Studies Programs

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

	Extensively	Moderately	A Little	Not at All	Math Indicated (Extent Missing)	Percent of Programs with any Math	Programs with any Math (N)	Programs Responded (N)
Environmental Studies	18.2%	27.3%	54.5%	0.0%	0.0%	100%	11	11
All programs	16.9%	16.1%	23.7%	42.4%	0.8%	58%	68	118



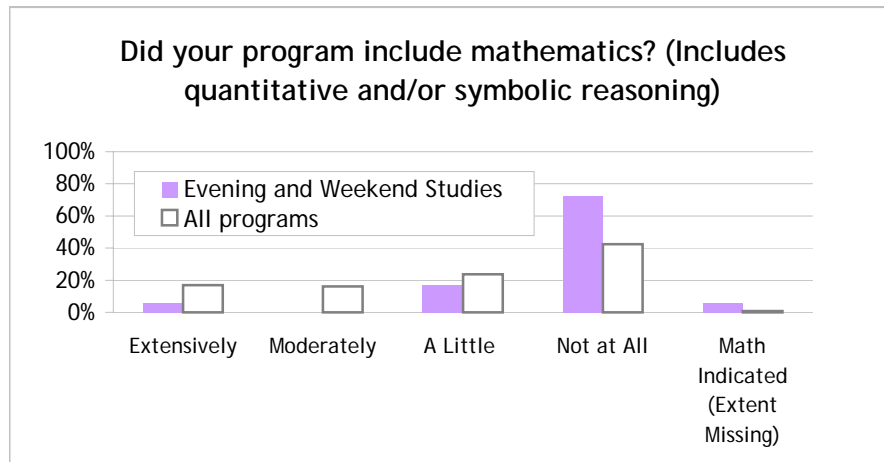
Descriptions of programs on next page.

Programs with Mathematics	Extent	Fields	Introductory	Intermediate	Advanced
Animal Behavior	Extensively	Statistics (weekly computer labs in the CAL); also, probability and Algebra to Calculus levels of relatedness in family groups, and to calculate cost-benefit analyses associated with various behaviors.		X	X
Living in Extreme Environments	Extensively	Introductory and Advanced Statistics, Spatial Analysis			X
Field Ornithology	Moderately	Trigonometry, Geometry (both at intro level) and Statistics (introductory and intermediate).	X	X	
Introduction to Environmental Studies: Water, Energy, and Forest Ecosystems	Moderately	Spread sheet Analysis, including pivot tables for analyzing very large data sets. Stella modeling software that uses rates of change and amounts as the basic tools for building models of	X		
Marine Life: Marine Organisms and Their Environments	Moderately	Algebra and Introductory Statistics		X	
Energy Matters	A Little	Algebra, Computer Science, Logic and Statistics to calculate (for example) appropriate ceilings or caps for carbon trading proposals as part of global warming legislation.		X	
Fungal Kingdom: Lichens and Mushrooms, Nature's Recyclers	A Little	Basic Numeracy	X		
Nature of Natural History	A Little	Analyzing patterns in nature; Interpreting graphs, tables, charts	X		
Nuisance to Negligence: Environmental Law	A Little	Data Supporting for example the chemical make-up of air pollutants and the absolute percentage of each kind in overall NAAQ or CAA standards for factory hog farms: how the courts/EPA allow point source air pollutants to rise above levels allowed	X		
Practice of Sustainable Agriculture	A Little	Formulas, Budgeting, Marketing	X		
Sustainable Futures: Moving Into the Post-Petroleum Age	A Little	Exponential Growth Models	X		

End-of-Program Review 2006-07 Mathematics in Evening and Weekend Studies Programs

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

	Extensively	Moderately	A Little	Not at All	Math Indicated (Extent Missing)	Percent of Programs with any Math	Programs with any Math (N)	Programs Responded (N)
Evening and Weekend Studies	5.6%	0.0%	16.7%	72.2%	5.6%	28%	5	18
All programs	16.9%	16.1%	23.7%	42.4%	0.8%	58%	68	118

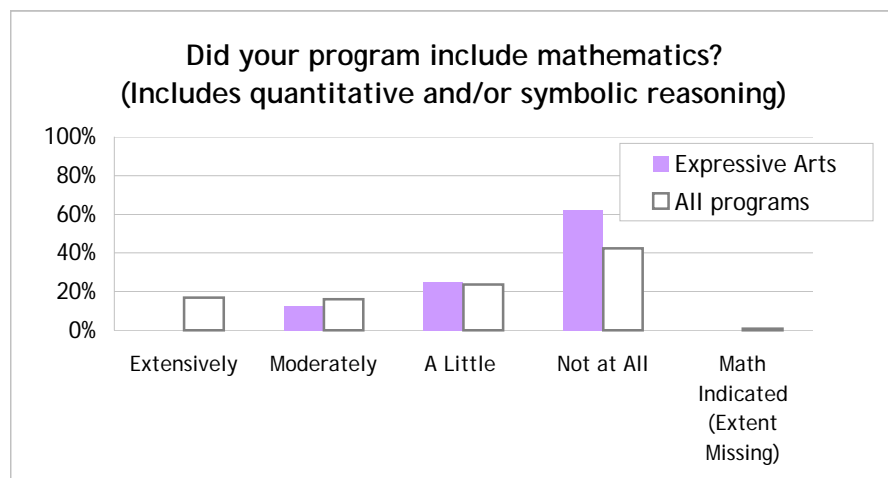


Programs with Mathematics	Extent	Fields	Introductory	Intermediate	Advanced
True, But Not Obvious	Extensively	Euclidean and non-Euclidean Geometry, Set Theory, Goedel's incompleteness theorem, History and Philosophy of Mathematics	X	X	
Dynamics of Diversity: The Immigrant Experience in our Community	A Little	Statistics	X		
Silk Roads: China, the Middle East, and the New World	A Little	Geometry, Data Analysis, Pattern Description, Timelines and Timecharts	X		
Why Businesses Succeed	A Little	Business math and Excel spreadsheets	X	X	
Education, Values and Society	Extent	Some discussion of Statistical Thinking and Inference	X		
Office of Institutional Research and Assessment	Unknown				

End-of-Program Review 2006-07 Mathematics in Expressive Arts Programs

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

	Extensively	Moderately	A Little	Not at All	Math Indicated (Extent Missing)	Percent of Programs with any Math	Programs with any Math (N)	Programs Responded (N)
Expressive Arts	0.0%	12.5%	25.0%	62.5%	0.0%	38%	3	8
All programs	16.9%	16.1%	23.7%	42.4%	0.8%	58%	68	118

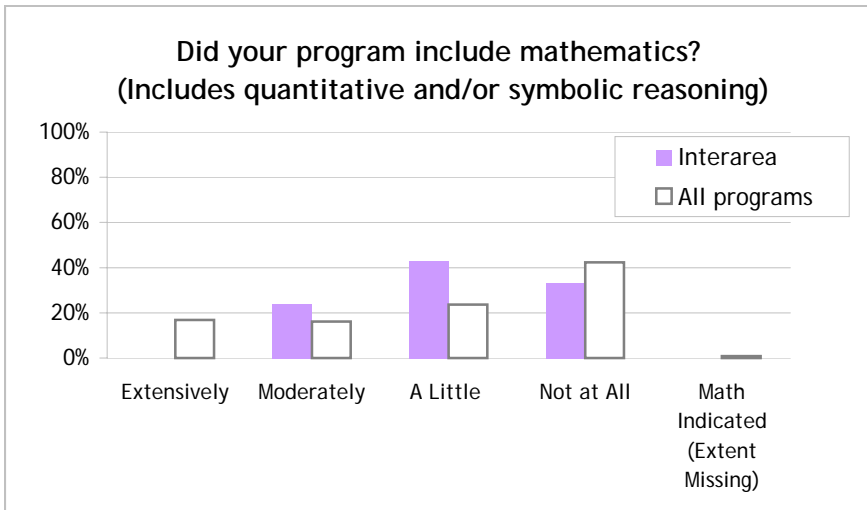


Programs with Mathematics	Extent	Fields	Introductory	Intermediate	Advanced
Flat Art: Two-Dimensional Art Intensive	Moderately	Four-week module on Perspective Drawing	[Level Not Indicated]		
Foundations of Visual Art	A Little	Proportional Reasoning	X		
Working Small	A Little	[No explanation provided]	X		

**End-of-Program Review 2006-07
Mathematics in Interarea Programs**

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

	Extensively	Moderately	A Little	Not at All	Math Indicated (Extent Missing)	Percent of Programs with any Math	Programs with any Math (N)	Programs Responded (N)
Interarea	0.0%	23.8%	42.9%	33.3%	0.0%	67%	14	21
All programs	16.9%	16.1%	23.7%	42.4%	0.8%	58%	68	118



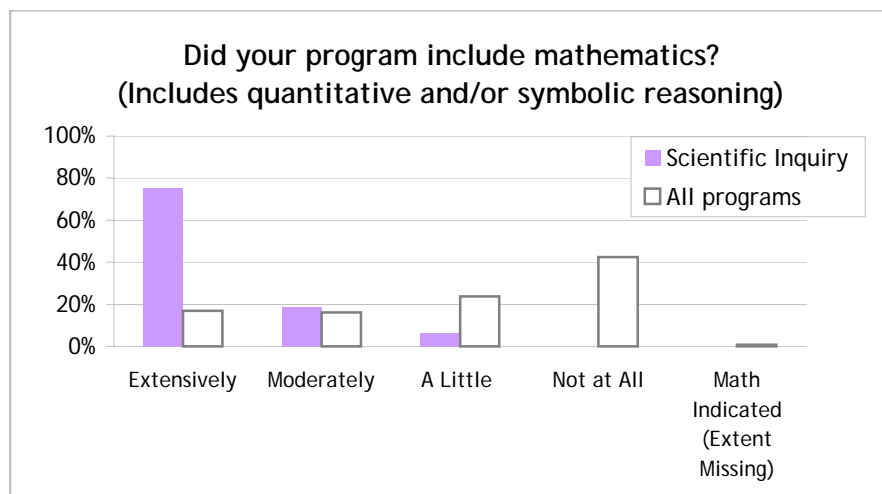
Descriptions of programs on next page.

Programs with Mathematics	Extent	Fields			
			Introductory	Intermediate	Advanced
Fire and Water: The Role of the Sun and the Ocean in Global Climate Change	Moderately	Algebra	X		
Food	Moderately	Multiple workshops and lectures that involved reading and interpreting graphs/tables/charts; problems that involved conversions and calculations involving logs and exponents, e.g. pH.	X		
Forensics and Criminal Behavior	Moderately	Unit Conversions, Algebraic manipulations	X		
Political Economy and Social Movements: Race, Gender and Class	Moderately	Algebra, Intermediate, Beginning; Introductory Statistics; Quantitative Reasoning	X		
Writing on the Wild Side	Moderately	Statistics, study design, sampling		X	
Family Home Futurism	A Little	Quantitative Reasoning in the area of Architectural Design	X		
Feminisms: Local to Global	A Little	Some Statistical Analysis on Women's issues, some Economic Analysis. Use of public data.	X		
Greece and Italy: An Artistic Literary Odyssey	A Little	Measuring	X		
Heritage: Self-Identity and Ties to the Land	A Little	[No explanation]			X
Looking Backward: America in the 20th Century	A Little	Math to understand elements of Physics.	X		
Museums	A Little	Content Analysis, Computer Science	X		
Pillars of Fire: Jewish Contributions to World Culture	A Little	Strategic Reasoning, Quantitative Reasoning: Statistics	X		
Puppetry and Poetics: The Arts of Distraction	A Little	Budgets for projects	X		
Searching for Modern China	A Little	We studied geography and demographics of China by studying population growth/distribution and making a Chinese map.	X		

End-of-Program Review 2006-07 Mathematics in Scientific Inquiry Programs

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

	Extensively	Moderately	A Little	Not at All	Math Indicated (Extent Missing)	Percent of Programs with any Math	Programs with any Math (N)	Programs Responded (N)
Scientific Inquiry	75.0%	18.8%	6.3%	0.0%	0.0%	100%	16	16
All programs	16.9%	16.1%	23.7%	42.4%	0.8%	58%	68	118



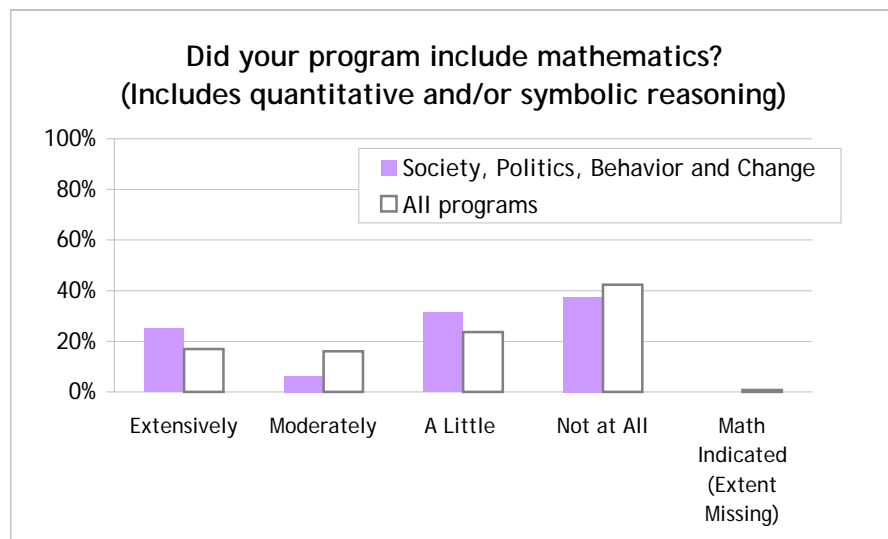
Descriptions of programs on next page.

Programs with Mathematics	Extent	Fields			
			Introductory	Intermediate	Advanced
Algebra to Algorithms: An Introduction to Mathematics for Science and Computing	Extensively	Algebra, Geometry	X	X	
Analyzing the World	Extensively	Quantitative Reasoning and Scientific Mathematics	X		
Computability: The Scope and Limitations of Formal Systems	Extensively	Logic		X	X
Computer Science Foundations	Extensively	Discrete Mathematics (8 credits), Computer Architecture (8 credits), Computer Programming (8 credits).		X	X
Data and Information: Quantitative Ecology	Extensively	The program emphasized Statistics, Programming, and Data Analysis.	X	X	X
Environmental Analysis: Chemistry and Geology of Aqueous Systems	Extensively	Statistics, Algebra, Trigonometry, some Calculus, Spreadsheet use		X	X
Industrial Biology and Chemistry	Extensively	Applied mathematics for Advanced Biology and Chemistry, mostly within a laboratory setting		X	
Introduction to Natural Science	Extensively	Pre-Calculus	X		
Mathematics in the History of Science	Extensively	Algebra, Logic	X		
Methods of Applied Mathematics	Extensively	Applied Math -- differential equations, non-linear dynamics, linear algebra, vector calculus. partial differential equations.			X
Motion: Physics and Philosophy	Extensively	Calculus	X		
Physical Systems	Extensively	Vector Calculus (applied to electromagnetism), Advanced Calculus, partial and total differential equations, linear algebra, matrix mechanics (applied to quantum mechanics)			X
History and Philosophy of Biology: Life and Consciousness	Moderately	Logic	X		
Molecule to Organism	Moderately	Logic, Statistics, Data Analysis (ratios/proportions, identification of trends/patterns, and interpreting graphical and tabular data)		X	X
Trace Metals Analysis: Inductively-Coupled-Plasma Mass Spectrometry	Moderately	Algebra, Statistics		X	
Making Milk and Meat: Is Organic Better?	A Little	Statistics.		X	

End-of-Program Review 2006-07 Mathematics in Society, Politics, Behavior and Change Programs

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

	Extensively	Moderately	A Little	Not at All	Math Indicated (Extent Missing)	Percent of Programs with any Math	Programs with any Math (N)	Programs Responded (N)
Society, Politics, Behavior and Change	25.0%	6.3%	31.3%	37.5%	0.0%	63%	10	16
All programs	16.9%	16.1%	23.7%	42.4%	0.8%	58%	68	118



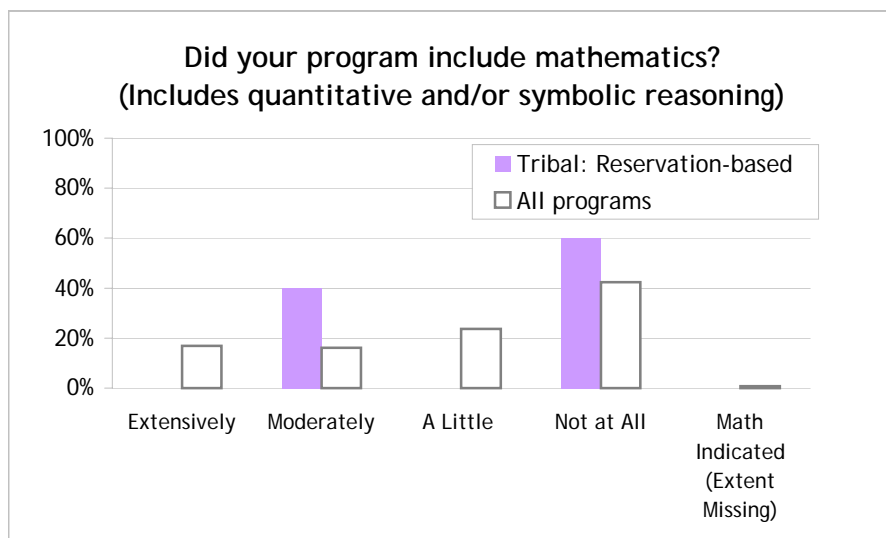
Descriptions of programs on next page.

Programs with Mathematics	Extent	Fields	Introductory	Intermediate	Advanced
Arts and the Sailor (Fall)	Extensively	Vector Analysis, Algebra, Geometry		X	X
Arts and the Sailor (Winter)	Extensively	Vector Analysis, Algebra, Geometry		X	X
Finance: Personal to Corporate	Extensively	Statistics, Finance, Algebra			X
Health and Social Policy: How to Make Meaningful Change	Extensively	Research Methods. This included Quantitative, Qualitative and Mixed Methods.	X		
International Policy and Business: Latin America	Moderately	Statistics	X	X	
Ethical Entrepreneur	A Little	Simple Budgeting and business planning	X		
Innovation and Leadership in American Business	A Little	Algebra Quantitative methods for Business	X	X	
Multicultural Counseling	A Little	Critique of research methods, articles	X		
Race in the United States: Historical and Contemporary Perspectives	A Little	Mainly used to help students how to read charts of quantitative information, e.g., census data. (Data Analysis?)	X		
Working the Waters: Maritime Labor History	A Little	Quantitative and Symbolic reasoning-navigation	X		

End-of-Program Review 2006-07
 Mathematics in Tribal: Reservation-based Programs

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

	Extensively	Moderately	A Little	Not at All	Math Indicated (Extent Missing)	Percent of Programs with any Math	Programs with any Math (N)	Programs Responded (N)
Tribal: Reservation-based	0.0%	40.0%	0.0%	60.0%	0.0%	40%	2	5
All programs	16.9%	16.1%	23.7%	42.4%	0.8%	58%	68	118



Programs with Mathematics	Extent	Fields	Level		
			Introductory	Intermediate	Advanced
Tribal: Nisqually	Moderately	Students were encouraged to take Quantitative Reasoning course, Statistics, Economics	X	X	
Tribal: Skokomish	Moderately	Algebra, Statistics	X	X	