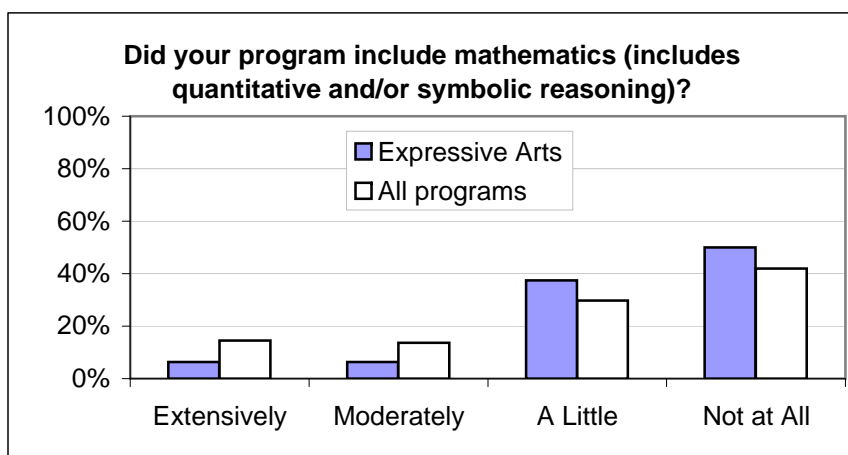


End-of-Program Review 2009-10

Mathematics in Expressive Arts programs (EA)

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)
Expressive Arts	6.3%	6.3%	37.4%	50.0%	50.0%	8	16
All programs	14.5%	13.7%	29.8%	42.0%	58.0%	76	131



Description of Expressive Art programs with mathematics

Expressive Arts programs with mathematics	Extent	Field	Introductory	Intermediate	Advanced
Object in Performance	Extensively	Mathematics was applied to projects in the form of flow analysis, developing algorithms and logical structures to organize interactivity models, manipulating data to engineer interactive digital devices.	X	X	X
SOS: Performance, Theatre, Dance, and Technical Theatre	Moderately	Mathematics for construction, electronic music creation	X	X	

Dance Intensive	A Little	Basic Mathematics	X		
Fiber Arts	A Little	Students learn to use formulas related to weaving design that allows them to figure out yardage of their weaves and calculate the materials they need, figure out numbers of threads per inch, learn to draft on computers using AIL Weaverprint software, calculate number of xxxx in a weave draft and design stable fabric, etc.	X		
Music and the Environment	A Little	Concepts from calculus integral to studies of population dynamics. Probability and music composition. Musical set theory. Tuning systems and limits.[statistics]	X		
Studio Projects: Land and Sky	A Little	Weights, measures, calculations in Studio	X		
The Generative Self: Theory and Artistic Practice	A Little	Geometry, Basic Math	X		
Working Small	A Little	Measuring systems associated with various technical skills	X		