

Table 5: Descriptive statistics overall and by gender

Survey Item	<u>Overall</u>		<u>Males</u>		<u>Females</u>	
	<i>M</i>	<i>SD</i>	<i>M</i>	<i>SD</i>	<i>M</i>	<i>SD</i>
Environment						
Overall Enjoyed (it1)	4.26	1.14	4.10	1.37	4.38	.961
Kept their attention (it4)	4.26	1.01	4.30	1.06	4.23	1.01
Interesting (it5)	4.39	1.08	4.40	1.26	4.38	.961
Should have looked more real* (it8)	2.78	1.54	3.40	1.17	2.31	1.65
Felt real (it9)	2.91	1.38	2.70	1.34	3.08	1.44
Lyrics/ Raps						
Enjoyed lyrics (it3)	4.35	.93	4.40	.70	4.31	1.11
Lyrics understandable (it6)	4.30	.97	4.30	1.06	4.31	.947
Lyrics confusing (it7)	1.65	1.19	1.80	1.23	1.54	1.20
Learning						
Want teacher to use it (it2)	4.09	1.08	4.10	1.29	4.08	.954
Helped them learn Algebra (it10)	3.65	1.40	3.50	1.27	3.77	1.54
Computer games are good ways to learn math(it11)	4.30	1.10	4.00	1.33	4.54	.877
Rap music a good way to teach math (it12)	3.87	1.49	4.10	1.37	3.69	1.60
Other						
Math favorite subject (it13)	3.13	1.60	3.50	1.08	2.85	1.90
Math is difficult (it14)	2.70	1.10	2.90	.738	2.54	1.33
I would like math if it were taught differently (it15)	3.35	1.19	3.00	1.41	3.62	.961
Difficulty making connections between math and the real world (it16)	2.61	1.37	2.30	1.25	2.85	1.46

Note. * denotes significant differences $p < .10$. N=10 for males, N=13 for females, N=23 for the overall group. Calculations based on a survey with a five-point likert scale ranging from not at all true (1) to very true (5).