Sample dimensions output of means comparisons provided by the Center for Evaluation, Policy, and Research (<u>CEPR@indiana.edu</u>) for participating sites of the High School Survey of Student Engagement (HSSSE) and Middle Grades Survey of Student Engagement (MGSSE) in partnership with the National Association of Independent Schools (NAIS).

						HSSSE		
		SHS	NAIS			Public		
Cognitive / Intellectual / Academic Engagement	Grade	Mean	Mean	Prob	Effect	Mean	Prob	Effect
	9th	34,1	34.1		0.02	30.5	***	0.79
	10th	34.6	33.8	***	0.19	30.7	***	0.88
	11 <i>t</i> h	34.2	34.3		03	30.7	***	0.75
	12th	35.0	34.5	*	0.13	31.4	***	0.79
	Total	34.4	34.2	**	0.06	30.8	***	0.80
	1					HSSSE		
		SHS	NAIS			Public		
Cognitive growth through personal skill development	Grade		Mean	Prob	Effect	Mean	Prob	Effect
	9th	11.5	11.5		04	9.99	***	0.81
	10th	11.5	11.3	*	0.10	10.1	***	0.79
	11th	11.4	11.3		0.01	9.89	***	0.80
	12th	11.6	11.5		0.09	10.2	***	0.77
	Total	11.5	11.4		0.03	10.0	***	0.79
	1		<u> </u>			HSSSE		
		SHS	I					
		3113	NAIS			Public		
Level of effort in academic pursuits	Grade	Mean	<u> </u>	Prob	Effect	Public Mean	Prob	Effect
Level of effort in academic pursuits	Grade 9th		<u> </u>	Prob	Effect 0.04		Prob ***	Effect 0.70
Level of effort in academic pursuits	<u> </u>	Mean 12.1 12.2	Mean 12.0 11.9	Prob	<u> </u>	Mean 10.9 10.9	***	
Level of effort in academic pursuits	9th 10th 11th	Mean 12.1 12.2 12.0	Mean 12.0 11.9 11.9	***	0.04 0.20 0.02	Mean 10.9 10.9 10.9	***	0.70 0.81 0.63
Level of effort in academic pursuits	9th 10th 11th 12th	Mean 12.1 12.2 12.0 12.1	Mean 12.0 11.9 11.9 11.9	***	0.04 0.20 0.02 0.12	Mean 10.9 10.9 10.9 11.1	***	0.70 0.81 0.63 0.59
Level of effort in academic pursuits	9th 10th 11th	Mean 12.1 12.2 12.0	Mean 12.0 11.9 11.9	***	0.04 0.20 0.02	Mean 10.9 10.9 10.9	***	0.70 0.81 0.63
Level of effort in academic pursuits	9th 10th 11th 12th	Mean 12.1 12.2 12.0 12.1	Mean 12.0 11.9 11.9 11.9	***	0.04 0.20 0.02 0.12	Mean 10.9 10.9 10.9 11.1	**** **** **** ****	0.70 0.81 0.63 0.59
Level of effort in academic pursuits Attitude toward learning	9th 10th 11th 12th	Mean 12.1 12.2 12.0 12.1 12.1	Mean 12.0 11.9 11.9 11.9 12.0 <b>NAIS</b>	***	0.04 0.20 0.02 0.12 0.09	Mean 10.9 10.9 10.9 11.1 10.9 HSSSE	**** **** **** ****	0.70 0.81 0.63 0.59
	9th 10th 11th 12th Total	Mean 12.1 12.2 12.0 12.1 12.1 SHS	Mean 12.0 11.9 11.9 11.9 12.0 <b>NAIS</b>	***	0.04 0.20 0.02 0.12 0.09	Mean 10.9 10.9 11.1 10.9 HSSSE Public	***	0.70 0.81 0.63 0.59 0.69
	9th 10th 11th 12th Total Grade	Mean 12.1 12.2 12.0 12.1 12.1 12.1 SHS Mean	Mean 12.0 11.9 11.9 12.0 <b>NAIS</b> Mean	***	0.04 0.20 0.02 0.12 0.09 Effect	Mean 10.9 10.9 11.1 10.9 HI.1 HSSSE Public Mean	*** *** *** *** ***	0.70 0.81 0.63 0.59 0.69 Effect
	9th 10th 11th 12th Total Grade 9th	Mean 12.1 12.2 12.0 12.1 12.1 5HS Mean 6.30	Mean 12.0 11.9 11.9 12.0 <b>NAIS</b> Mean 6.23	*** * *** Prob	0.04 0.20 0.02 0.12 0.09 Effect 0.07	Mean 10.9 10.9 11.1 10.9 HSSSE Public Mean 5.62	*** *** *** *** Prob	0.70 0.81 0.63 0.59 0.69 Effect 0.62
	9th 10th 11th 12th Total Grade 9th 10th	Mean 12.1 12.2 12.0 12.1 12.1 12.1 SHS Mean 6.30 6.36	Mean 12.0 11.9 11.9 12.0 <b>NAIS</b> Mean 6.23 6.15	*** * *** Prob	0.04 0.20 0.02 0.12 0.09 Effect 0.07 0.21	Mean 10.9 10.9 11.1 10.9 HSSSE Public Mean 5.62 5.66	*** *** *** *** *** Prob ***	0.70 0.81 0.63 0.59 0.69 Effect 0.62 0.68

Sample High School Means Comparisons of Engagement Dimensions

\*\*\*p<.001

Histograms are provided for each response with comparisons between the featured site, the NAIS cohort, and the pubic school cohort.

