

Results of Teacher Survey t-test

Comparisons Between Teachers Who Have and Have Not Received In-service EE Training Relative to Their Perceived EE Competencies, Attitudes, and Class Time Spent

	N	n	M	SD	t	DF	Probability
<u>Competencies</u>							
<i>Overall</i>	527				3.32	525	.001
In-service		215	3.69	.58			
No In-service		312	3.52	.60			
<i>Cognitive</i>	591				3.67	589	.000
In-service		235	3.85	.66			
No In-service		356	3.65	.64			
<i>Affective</i>	582				3.35	580	.001
In-service		228	3.74	.69			
No In-service		354	3.54	.68			
<i>Actions</i>	576				2.17	574	.030
In-service		227	3.26	.80			
No In-service		349	3.12	.81			
<u>Attitudes</u>							
	604				3.04	602	.002
In-service		236	4.23	.60			
No In-service		368	4.09	.51			
<u>Class Time</u>							
<i>Item 13</i>	615				4.15	613	.000
In-service		238	2.18	1.06			
No In-service		377	1.85	.91			
<i>Item 14</i>	604				3.37	602	.001
In-service		235	1.53	1.13			
No In-service		374	1.29	.62			
<i>Item 153</i>	607				3.43	605	.001
In-service		233	2.35	1.59			
No In-service		374	1.94	1.34			

Results of Teacher Survey t-test

Comparisons Between Teachers Whose Districts Have and Do Not Have EE Curriculum Plans Relative to Their Perceived EE Competencies, Attitudes, and Class Time Spent

	N	n	M	SD	t	DF	Probability
<u>Competencies</u>	437				3.54	435	.000
Plan		170	3.77	.55			
No Plan		267	3.58	.53			
<u>Attitudes</u>	507				.03	505	.978
Plan		202	4.18	.63			
No Plan		305	4.17	.50			
<u>Class Time</u>							
<u>Item 13</u>	514				4.16	512	.000
Plan		202	2.31	1.06			
No Plan		312	1.94	.93			
<u>Item 14</u>	509				1.05	507	.296
Plan		201	1.46	.88			
No Plan		308	1.37	.89			
<u>Item 153</u>	507				2.85	505	.005
Plan		200	2.36	1.46			
No Plan		307	2.00	1.31			

Chi-square comparisons between principals who have not attended any environmental education courses, in-services or workshops and those who have attended 3 or more EE courses relative to the degree of action they take to support EE in their school.

		None	3 or more courses	χ^2	d.f.	p =
<i>(Items 29-37)</i>						
I distribute EE information to a teacher (or teachers) in my school. (N = 527)	(n)	(202)	(325)	24.61478	4	.00006
	μ	3.85	4.16			
I encourage the utilization of community resource people to benefit EE programs or projects in my school. (N = 527)	(n)	(200)	(327)	27.19692	4	.00002
	μ	3.44	3.91			
I arrange equitable planning time...for teachers developing EE programs. (N = 468)	(n)	(175)	(293)	34.29624	4	.00000
	μ	3.07	3.56			
I give encouragement to a teacher(s)...for their efforts to teach about the environment. (N = 526)	(n)	(201)	(325)	38.06121	4	.00000
	μ	3.78	4.25			
I arrange or make requests for staff training and/or in-services in EE. (N = 485)	(n)	(183)	(302)	62.51864	4	.00000
	μ	2.36	3.20			
I support/authorize teacher requests to attend EE workshops, ...outside of district sponsored in-services. (N = 512)	(n)	(193)	(319)	19.69104	4	.00057
	μ	3.86	4.19			
I write or assist with writing grants to fund or support EE projects or programs. (N = 423)	(n)	(157)	(266)	48.34458	4	.00000
	μ	1.55	2.29			
I make an effort to emphasize or allow others to emphasize EE projects and/or programs at staff meetings. (N = 512)	(n)	(190)	(322)	45.30845	4	.00000
	μ	3.00	3.61			
I arrange or make requests for resources and materials needed for EE programs and projects. (N = 496)	(n)	(187)	(309)	61.58726	4	.00000
	μ	2.81	3.58			

(n) = number of individuals indicating item was one of top three school-related barriers.
 μ = mean response of subpopulation.