

I CAN Learn[®] in Collier County, Florida
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One high school in Collier County used I CAN Learn in its Algebra I classes during the 2002-2003 school year. ICL student scores (n=97) on the math portion of the Florida achievement test, FCAT, were compared to scores of non-ICL students (n=700) in the same school after adjusting for differences in FCAT scores from the prior year. The adjustment was made using analysis of covariance (ANCOVA) to account for any possible achievement differences prior to introduction of ICL. ICL students significantly ($p < .05$) outscored traditionally-taught students after adjusting for prior year differences (FCAT 2002 scores were used as the covariate and FCAT 2003 scores as the dependent variable.) See Tables 1 and 2.

Table 1
ANCOVA Summary Table for FCAT Scores of ICL and Traditional Students

Tests of Between-Subjects Effects						
Dependent Variable: FCAT2003						
	Source	Type III Sum of Squares	df	Mean Square	F	Sig.
	Corrected Model	1177652.300	2	588826.150	439.635	.000
	Intercept	663218.410	1	663218.410	495.178	.000
	FCAT2002	1177196.487	1	1177196.487	878.930	.000
	Class - ICL or traditional	7396.723	1	7396.723	5.523	.019
	Error	1063445.770	794	1339.352		
	Total	64863734.000	797			
	Corrected Total	2241098.070	796			

a R Squared = .525 (Adjusted R Squared = .524)

Table 2
Means by Class Type (ICL vs Traditional)

ICL				
Dependent Variable: FCAT2003				
Class	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
ICL	288.507	3.722	281.201	295.813
Traditional	279.173	1.384	276.457	281.888

a Evaluated at covariates appeared in the model: FCAT2002 = 260.9661.

I CAN Learn Improves FCAT Scores in Collier County

