Independent Evaluation of the
UAW-Diamler Training Center
Delaware School-To-Work Program 2000

These are the data results of a highly concentrated summer School-To-Work program in its second year of operation. The duration of instruction is 24 days. While the 1999 program results were satisfactory, the year 2000 results are spectacular as can be seen on the attached T-Test result graphs (see below). Of the 25 students beginning and ending the program, 20 showed overall improvement in reading, math, and language mechanics; 4 regressed slightly and 1 showed no change.

Combined with statistically significant improvement in reading and math with a combined probability greater then .000 on the two-tailed T-Test, these results show the need for replication of format and instruction at each level of student endeavor.

Positive factors included staff stability. There was only one replacement between 1999-2000. The utilization of the entire anthology of *Career Choices* by Academic Innovations, Inc., from their career orientation to the reading manual and integrated math program, facilitates learning and increases the awareness of the relationship between academic achievement and work. Students continually comment that learning in this manner is fun.

Finally, small class size is a significant factor, but staff has petitioned for a larger group stating that it will enhance interaction and believe that the positive results will increase. Limited by a short duration, they have also petitioned for an increased time span believing that they have only tapped 20% of the program value.

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T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	RGRADE1	6.812	25	2.166	.433
	RGRADE2	7.7520	25	2.4850	.4970
Pair 2	MGRADE1	6.252	25	2.025	.405
	MGRADE2	6.9240	25	1.457	.2811
Pair 3	LGRADE1	5.388	25	2.841	.568
	LGRADE2	5.7760	25	3.4487	.6897
Pair 4	TGRADE1	6.151	25	1.900	.380
	TGRADE2	6.817	25	2.116	.423

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	RGRADE1 & RGRADE2	25	.856	.000
Pair 2	MGRADE1 & MGRADE2	25	.851	.000
Pair 3	LGRADE1 & LGRADE2	25	.883	.000
Pair 4	TGRADE1 & TGRADE2	25	.951	.000

Paired Samples Test

		Paired Differences							Sig. (2-tailed)
					95% Confidence Interval of the Difference				
		Mean	Std. Deviation	Std. Error Mean	Lower	Upper	t	dt	
Pair 1	RGRADE1 - RGRADE2	-.9400	1.2848	.2570	-1.4704	-.4096	-3.658	24	.001
Pair 2	MGRADE1 - MGRADE2	-.6720	1.1100	.2220	-1.1302	-.2138	-3.027	24	.006
Pair 3	LGRADE1 - LGRADE2	-.3880	1.6315	.3263	-1.0615	.2885	-1.189	24	.246
Pair 4	TGRADE1 - TGRADE2	-.667	.665	.133	-.941	-.392	-5.014	24	.000