

Appendix 44**Descriptives T-test of Five Aspects of Speaking in Pretest – Posttest 2****Paired Samples Statistics**

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Pretest2_Pronunciation	14.3226	31	2.13521	.38350
	Posttest2_Pronunciation	15.8710	31	2.18696	.39279
Pair 2	Pretest2_Grammar	14.0645	31	1.89623	.34057
	Posttest2_Grammar	16.4516	31	1.23393	.22162
Pair 3	Pretest2_Vocabulary	12.7097	31	1.67717	.30123
	Posttest2_Vocabulary	15.7419	31	1.91429	.34382
Pair 4	Pretest2_Fluency	13.8710	31	1.70767	.30671
	Posttest2_Fluency	17.7419	31	1.69249	.30398
Pair 5	Pretest2_Comprehension	15.0968	31	1.98922	.35727
	Posttest2_Comprehension	18.0000	31	1.63299	.29329

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	Pretest2_Pronunciation & Posttest2_Pronunciation	31	.637	.000
Pair 2	Pretest2_Grammar & Posttest2_Grammar	31	.386	.032
Pair 3	Pretest2_Vocabulary & Posttest2_Vocabulary	31	.267	.147
Pair 4	Pretest2_Fluency & Posttest2_Fluency	31	.265	.150
Pair 5	Pretest2_Comprehension & Posttest2_Comprehension	31	.082	.661

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
					95% Confidence Interval of the Difference				
		Mean	Std. Deviation	Std. Error Mean	Lower	Upper			
Pair 1	Pretest2_Pronunciation - Posttest2_Pronunciation	-1.54839	1.84099	.33065	-2.22367	-.87311	-4.683	30	.000
Pair 2	Pretest2_Grammar - Posttest2_Grammar	-2.38710	1.81984	.32685	-3.05462	-1.71957	-7.303	30	.000
Pair 3	Pretest2_Vocabulary - Posttest2_Vocabulary	-3.03226	2.18302	.39208	-3.83300	-2.23152	-7.734	30	.000
Pair 4	Pretest2_Fluency - Posttest2_Fluency	-3.87097	2.06142	.37024	-4.62710	-3.11483	-10.455	30	.000
Pair 5	Pretest2_Comprehension - Posttest2_Comprehension	-2.90323	2.46786	.44324	-3.80844	-1.99801	-6.550	30	.000