

Appendix 43**Descriptives T-test of Five Aspects of Speaking in Pretest – Posttest 1****Paired Samples Statistics**

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Pretest1_Pronunciation	14.5806	31	2.14125	.38458
	Posttest1_Pronunciation	16.8387	31	1.69503	.30444
Pair 2	Pretest1_Grammar	13.5484	31	2.04677	.36761
	Posttest1_Grammar	16.5161	31	1.26151	.22657
Pair 3	Pretest1_Vocabulary	12.5161	31	1.92996	.34663
	Posttest1_Vocabulary	16.4516	31	1.52400	.27372
Pair 4	Pretest1_Fluency	14.7097	31	1.90076	.34139
	Posttest1_Fluency	17.6774	31	1.79605	.32258
Pair 5	Pretest1_Comprehension	14.5161	31	2.12714	.38205
	Posttest1_Comprehension	17.0323	31	1.85264	.33274

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	Pretest1_Pronunciation & Posttest1_Pronunciation	31	.155	.404
Pair 2	Pretest1_Grammar & Posttest1_Grammar	31	-.010	.957
Pair 3	Pretest1_Vocabulary & Posttest1_Vocabulary	31	.371	.040
Pair 4	Pretest1_Fluency & Posttest1_Fluency	31	.382	.034
Pair 5	Pretest1_Comprehension & Posttest1_Comprehension	31	.199	.284

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	Pretest1_Pronunciation - Posttest1_Pronunciation	-2.25806	2.51618	.45192	-3.18101	-1.33512	-4.997	30	.000
Pair 2	Pretest1_Grammar - Posttest1_Grammar	-2.96774	2.41501	.43375	-3.85357	-2.08191	-6.842	30	.000
Pair 3	Pretest1_Vocabulary - Posttest1_Vocabulary	-3.93548	1.96529	.35298	-4.65636	-3.21461	-11.149	30	.000
Pair 4	Pretest1_Fluency - Posttest1_Fluency	-2.96774	2.05725	.36949	-3.72235	-2.21314	-8.032	30	.000
Pair 5	Pretest1_Comprehension - Posttest1_Comprehension	-2.51613	2.52812	.45406	-3.44345	-1.58881	-5.541	30	.000