

Appendix G

t Test for Differences in Means of Auditory Reverse Digit Span Scores for WPA Selected Special Education Students Passing or Failing Utah's CRT State Standard Tests in Language Arts and Math

N = 11*

UPASS SCORE	MEAN FOR AUDITORY REVERSE
LANGUAGE ARTS SCORES 1 & 2 (FAIL)	1.0
LANGUAGE ARTS SCORES 3 & 4 (PASS)	4.29
	$t = 2.39, p < .05$
MATH SCORES 1 & 2 (FAIL)	1.5
MATH SCORES 3 & 4 (PASS)	5.00
	$t = 2.63, p < .05$

*Only 11 of the 18 students took the CRT State Standard Tests

**t Test for Differences in Means of Auditory Reverse Digit Span
Scores for Students Passing or Failing Utah's CRT State
Standard Tests in Language Arts and Math**

Scores taken from Wasatch Peak Academy Students Grade 2, 4, and 5/6 split classes
2007/08 school year

Grade 2

Language Arts	Means for Auditory Reverse	Math	Means for Auditory Reverse
Scores 1 & 2 (FAIL)	1.00	Scores 1 & 2 (FAIL)	1.08
Scores 3 & 4 (PASS)	2.35	Scores 3 & 4 (PASS)	2.47
	t = 2.44, p < .02		t = 2.67, p < .02

Grade 4

Language Arts	Means for Auditory Reverse	Math	Means for Auditory Reverse
Scores 1 & 2 (FAIL)	.63	Scores 1 & 2 (FAIL)	1.18
Scores 3 & 4 (PASS)	3.32	Scores 3 & 4 (PASS)	3.32
	t = 5.06, p < .001		t = 3.75, p < .002

Grade 5/6

Language Arts	Means for Auditory Reverse	Math	Means for Auditory Reverse
Scores 1 & 2 (FAIL)	2.20	Scores 1 & 2 (FAIL)	2.33
Scores 3 & 4 (PASS)	3.61	Scores 3 & 4 (PASS)	3.68
	t = 2.52, p < .02		t = 3.20, p < .002

* Administrative problems with statistical data for Grade 3