

SPEA 01

~~SPEA 0A~~

~~SPEA 01~~

~~SPEA 02~~

SPEARRITT D - 161 6TH GRADE BOYS

LISTENING COMPREHENSION - A FACTORIAL ANALYSIS

MELBOURNE- AUST COUN FOR EDUC RESCH 1962

TABLE C1 P.113 LOWER TRIANGLE; PEARONS R'S

N=161

\*\*\* HIERARCHICAL FACTOR MATRIX, ORDER 1 \*\*\*

V#	1	2	3	4	5	6	H^2
FACTOR 1: O2;F1 CRYSTALLIZED INTELL. ....2C; ORDER 2							
FACTOR 2: O1;F3 REASONING .....RG; ORDER 1							
1 +15 FIVE LETTERS (TAPE-REC'D)	.56	.35	.00	.004	-.395	-.03	.58
2 +#6 ARITHMETIC REASONING.....	.69	.29	.06	.02	-.07	.00	.57
3 +35 ARITH-SCHOOL MARKS .....	.64	.29	-.03	-.01	.13	.15	.53
4 +12 MATCHING WORDS .....	.73	.29	.10	-.10	.08	-.01	.64
5 +#2 LETTER SERIES .....	.71	.26	.10	.02	.02	-.13	.60
6 +#3 PROGRESSIVE MATRICES 1938	.71	.23	.20	-.03	-.09	.07	.61
7 +14 LETTER LIST (TAPE-REC'D).	.44	.22	.04	.01	-.21	.00	.29
8 +#1 LETTER GROUPING .....	.43	.21	.01	-.02	-.02	-.13	.24
9 +13 TRIPLET NUMBERS (TAPE-RD)	.38	.19	-.10	.07	.20	-.13	.26
10 +22 WORD NUMBER .....	.37	.19	-.09	.11	.05	.16	.22
11 +#5 WORD SQUARES .....	.60	.16	.19	-.00	-.02	-.05	.42

FACTOR 3: O1;F1 LISTENING ABILITY .....LS; ORDER 1

12	+32	LIST'G/BOYS' TALK (TAPE)	.60	-.00	.50	-.16	-.04	.19	.67
13	+30	LIST'G TO SHORT TALK(TAPE)	.54	-.07	.47	.03	.00	-.08	.52
14	+33	LIST'G/GIRLS' TALK(TAPE)	.56	-.02	.46	-.04	-.08	.15	.56
15	+28	LIST'G/NOTE DETAILS(TAPE)	.67	.00	.46	.07	-.05	-.13	.68
16	+34	STEP LISTENING (TAPE) ...	.66	.05	.42	.01	-.09	-.09	.63
17	+27	LIST'N FOR GEN SIG.(TAPE)	.59	-.03	.40	-.02	.18	-.03	.54
18	+10	READING TO NOTE DETAILS .	.66	-.00	.38	.04	.20	-.07	.63
19	+29	LIST'G FOR INFERENCE(TAPE)	.50	.01	.33	.03	.01	-.25	.43
20	+9	READING FOR GEN'L SIGNIF.	.75	.08	.32	.12	.10	.01	.69
21	+26	LISTENING VOCAB (TAPED) .	.71	.06	.32	.05	.17	.16	.67
22	+7	READING VOCABULARY .....	.77	.11	.29	.01	.27	-.01	.75
23	+11	READING FOR INFERENCE ...	.66	.04	.28	.034	.305	.02	.61
24	+21	CONSEQUENCES (TAPED) ....	.54	.01	.28	.17	.03	.08	.41

FACTOR 4: O1;F4 MEMORY SPAN .....MS; ORDER 1

25	+16	RAPID SPELLING (TAPE-REC)	.34	-.03	.08	.48	-.06	.09	.37
26	+19	ILLOGICAL GROUPING (TAPE)	.59	.04	.11	.46	.10	.02	.58
27	+25	LETTER SPAN II (AUDITORY)	.51	.15	-.06	.44	-.02	-.02	.49
28	+24	LETTER SPAN I (VISUAL) ..	.50	.19	-.05	.32	-.09	.01	.40
29	+20	SENTENCE COMPLETION .....	.43	-.00	.12	.30	.08	.26	.36
30	+18	HAPHAZARD SPEECH (TAPED)	.46	.03	.18	.28	-.08	-.11	.34
31	+17	SINGING (TAPE-RECORDED) .	.48	.01	.16	.27	.08	.00	.33

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(CONTINUED)

V#	1	2	3	4	5	6	H^2
FACTOR 5: 01;F2 READING SPEED .....RS; ORDER 1							
32 +#8 SPEED OF READING .....	.52	.04	.10	.09	.50	-.07	.55
33 +37 COMPOSITION-SCHOOL MARKS	.53	.19	-.01	-.09	.37	.21	.51
34 +36 READING-SCHOOL MARKS ....	.61	.15	.11	-.02	.32	-.08	.52
FACTOR 6: 01;F5 ASSOCIATIVE MEMORY .....MA; ORDER 1							
35 +23 MEMORY FOR WORDS (TAPED)	.15	.01	-.02	.15	.08	.53	.34
36 +31 LIST'G/SPONT.SPEECH(TAPE)	.41	.03	.19	.16	-.11	.27	.31
37 +#4 REASONING .....	.36	.17	-.05	.11	.07	-.36	.30
SMSQ:11.84 .86 2.20 1.18 1.13 .92 18.13							

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