

Teacher Post Ratings

Grade 2 /Year 3

Fast Track Project Technical Report

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Citation

Instrument

Conduct Problems Prevention Research Group (CPPRG). (1995). *Teacher Post Ratings*. Available from the Fast Track Project Web site, <http://www.fasttrackproject.org>

Report

Corrigan, A. (2003). *Teacher Post Ratings, Grade 2 /Year 3* (Fast Track Project Technical Report). Available from the Fast Track Project Web site, <http://www.fasttrackproject.org>

Data Sources

Unscored: T3E

Scored: TPR3

I. Scale Description

The Teacher Post Ratings scale is a 10-item instrument that assesses changes in a child's academic performance and behavioral functioning over the course of a school year. The Teacher Post Ratings scale was created for the Fast Track Project.

Each item on the scale describes a particular ability that a child may display; for example, "Ability to sound out unfamiliar words," and "Ability to handle disagreements with others in a positive way." The teacher assesses how the child's performance or behavior has changed – in terms of the ability stated in each item – since the beginning of the school year. Responses are coded on a 7-point scale ranging from –3 to +3 and include: "Much Worse (-3)," "Somewhat Worse (-2)," "A Little Worse (-1)," "No Change (0)," "A Little Improved (1)," "Somewhat Improved (2)," and "Much Improved (3)."

II. Report Sample

This report contains data collected on Cohort 1, Year 3. The data include a high-risk control sample (n=155) and a normative sample (n = 387) for a total N = 463, including overlap. Of the 463 subjects, 67 are missing all responses, including 52 from the normative group (5 from Durham, 9 from Washington, 4 from Pennsylvania, and 34 from Nashville), and 15 from the control group (4 from Durham, 9 from Nashville, and 2 from Washington), with overlap between the normative and control groups. None of these measures was used in the analyses.

III. Scaling

The Teacher Post Ratings scale contains two subscales: Academics (items 1 and 2) and Prosocial Behavior (items 3 through 10). Subscale scores are calculated as the mean of item responses. If more than half of the items for a scale are missing responses, the score is not calculated. Measures with all responses missing are not scored.

The alpha coefficients for the normative sample and control samples are:

	Normative Sample	Control Sample
Academics	0.84	0.87
Prosocial Behavior	0.94	0.94

IV. Differences Between Groups

T-tests of means on the subscale scores between the normative and control samples yielded the following results:

	Normative Sample		Control Sample		DF	t Value	Pr > t
	Mean	SD	Mean	SD			
Academics	1.92	0.88	1.59	0.97	405	-3.50	0.0005
Prosocial Behavior	1.24	1.00	0.96	0.93	404	-2.82	0.0050

V. Recommendations for Use

T-tests of means for subscale scores on the Teacher Post Ratings show differences between the normative and control groups for both the Academics and Prosocial Behavior subscales. The internal consistency measure (Cronbach alpha values) indicates that the subscale scores are useful. Researchers should keep in mind that the Academics subscale contains only two items; thus, this scale may be most helpful when used in combination with other scales that assess the same construct of interest.

VI. Item and Scale Means and SDs

**Means and Standard Deviations for Teacher Post Ratings - Items
Cohort 1, Year 3 Normative Sample**

Variable	Label	Mean	N	Std Dev	Minimum	Maximum
T3E1	Sound out words	1.83	335	0.96	-2.00	3.00
T3E2	Read/answer ques	1.86	335	1.05	-3.00	3.00
T3E3	Calm down	0.98	335	1.15	-3.00	3.00
T3E4	Label emotions	1.09	335	1.13	-3.00	3.00
T3E5	Show empathy	1.15	335	1.15	-3.00	3.00
T3E6	Handle disagreements	1.04	335	1.22	-3.00	3.00
T3E7	Join in play	1.26	335	1.12	-3.00	3.00
T3E8	Cooperate	1.39	335	1.13	-3.00	3.00
T3E9	Play fair	1.19	335	1.21	-3.00	3.00
T3E10	Self esteem	1.41	335	1.22	-3.00	3.00

**Means and Standard Deviations for Teacher Post Ratings - Items
Cohort 1, Year 3 Control Sample**

Variable	Label	Mean	N	Std Dev	Minimum	Maximum
T3E1	Sound out words	1.61	140	0.97	-2.00	3.00
T3E2	Read/answer ques	1.58	140	1.09	-3.00	3.00
T3E3	Calm down	0.91	139	1.07	-3.00	3.00
T3E4	Label emotions	0.89	139	1.01	-2.00	3.00
T3E5	Show empathy	0.88	139	1.06	-2.00	3.00
T3E6	Handle disagreements	0.79	139	1.14	-3.00	3.00
T3E7	Join in play	1.04	139	1.08	-3.00	3.00
T3E8	Cooperate	1.11	139	1.13	-3.00	3.00
T3E9	Play fair	0.96	139	1.03	-3.00	3.00
T3E10	Self esteem	1.06	139	1.19	-3.00	3.00

**Means and Standard Deviations for Teacher Post Ratings - Subscales
Cohort 1, Year 3, Normative Sample**

Variable	Label	Mean	N	Std Dev	Minimum	Maximum
TPR3ACA	TRP_ Academics mean score YR 3	1.84	335	0.94	-2.00	3.00
TPR3PRO	TPR_ Prosocial Behavior mean score YR 3	1.19	335	0.99	-3.00	3.00

**Means and Standard Deviations for Teacher Post Ratings - Subscales
Cohort 1, Year 3, Control Sample**

Variable	Label	Mean	N	Std Dev	Minimum	Maximum
TPR3ACA	TRP_ Academics mean score YR 3	1.59	140	0.97	-2.00	3.00
TPR3PRO	TPR_ Prosocial Behavior mean score YR 3	0.96	139	0.93	-2.63	3.00

VII. Item and Subscale Correlations

**Teacher Post Ratings – Subscale Correlations
Combined Normative and Control Sample**

Pearson Correlation Coefficients, N = 406 Prob > r under H0: Rho=0		
	TPR3ACA	TPR3PRO
TPR3ACA	1.000	0.407
TRP_ Academics mean score YR 3		0.000
TPR3PRO	0.407	1.000
TPR_ Prosocial Behavior mean score YR 3	0.000	

**Teacher Post Ratings – Item Correlations
Combined Normative and Control Sample**

Pearson Correlation Coefficients, N = 406 Prob > r under H0: Rho=0										
	T3E1	T3E2	T3E3	T3E4	T3E5	T3E6	T3E7	T3E8	T3E9	T3E10
T3E1 Sound out words	1.000	0.735 0.000	0.273 0.000	0.324 0.000	0.314 0.000	0.263 0.000	0.341 0.000	0.358 0.000	0.313 0.000	0.406 0.000
T3E2 Read/answer ques	0.735 0.000	1.000	0.232 0.000	0.323 0.000	0.286 0.000	0.255 0.000	0.317 0.000	0.390 0.000	0.343 0.000	0.408 0.000
T3E3 Calm down	0.273 0.000	0.232 0.000	1.000	0.662 0.000	0.654 0.000	0.656 0.000	0.608 0.000	0.590 0.000	0.597 0.000	0.528 0.000
T3E4 Label emotions	0.324 0.000	0.323 0.000	0.662 0.000	1.000	0.805 0.000	0.703 0.000	0.689 0.000	0.607 0.000	0.650 0.000	0.566 0.000
T3E5 Show empathy	0.314 0.000	0.286 0.000	0.654 0.000	0.805 0.000	1.000	0.792 0.000	0.731 0.000	0.710 0.000	0.700 0.000	0.588 0.000
T3E6 Handle disagreements	0.263 0.000	0.255 0.000	0.656 0.000	0.703 0.000	0.792 0.000	1.000	0.791 0.000	0.711 0.000	0.764 0.000	0.636 0.000
T3E7 Join in play	0.341 0.000	0.317 0.000	0.608 0.000	0.689 0.000	0.731 0.000	0.791 0.000	1.000	0.761 0.000	0.773 0.000	0.689 0.000
T3E8 Cooperate	0.358 0.000	0.390 0.000	0.590 0.000	0.607 0.000	0.710 0.000	0.711 0.000	0.761 0.000	1.000	0.774 0.000	0.645 0.000
T3E9 Play fair	0.313 0.000	0.343 0.000	0.597 0.000	0.650 0.000	0.700 0.000	0.764 0.000	0.773 0.000	0.774 0.000	1.000	0.618 0.000
T3E10 Self esteem	0.406 0.000	0.408 0.000	0.528 0.000	0.566 0.000	0.588 0.000	0.636 0.000	0.689 0.000	0.645 0.000	0.618 0.000	1.000