

## **Teacher Post Ratings**

*Grade 3 /Year 4*

### **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 3 /Year 4* (Fast Track Project Technical Report). Available from the Fast Track Project Web site, <http://www.fasttrackproject.org>

#### **Data Sources**

*Unscored:* T4E

*Scored:* TPR4

#### **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 4. 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, 72 are missing all responses, including 49 from the normative group (13 from Durham, 11 from Washington, 6 from Pennsylvania, and 19 from Nashville), and 23 from the control group (7 from Durham, 6 from Nashville, 6 from Pennsylvania, and 4 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
<b>Academics</b>	0.89	0.82
<b>Prosocial Behavior</b>	0.95	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			
<b>Academics</b>	1.59	1.02	1.44	0.92	405	-1.42	0.1578
<b>Prosocial Behavior</b>	1.02	0.96	0.77	0.97	405	-2.49	0.0132

### V. Recommendations for Use

T-tests of means for subscale scores on the Teacher Post Ratings shows a significant difference between the normative and control groups for the Prosocial Behavior subscale. 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 4 Normative Sample**

<b>Variab le</b>	<b>Label</b>	<b>Mean</b>	<b>N</b>	<b>Std Dev</b>	<b>Minimum</b>	<b>Maximum</b>
T4E1	Sound out words	1.55	338	1.06	-3.00	3.00
T4E2	Read/answer ques	1.62	338	1.07	-3.00	3.00
T4E3	Calm down	0.77	338	1.13	-3.00	3.00
T4E4	Label emotions	0.97	338	1.09	-3.00	3.00
T4E5	Show empathy	0.97	338	1.09	-2.00	3.00
T4E6	Handle disagreements	0.81	338	1.21	-3.00	3.00
T4E7	Join in play	1.00	338	1.13	-3.00	3.00
T4E8	Cooperate	1.15	338	1.16	-3.00	3.00
T4E9	Play fair	1.05	338	1.18	-3.00	3.00
T4E10	Self esteem	1.28	338	1.21	-3.00	3.00

**Means and Standard Deviations for Teacher Post Ratings - Items  
Cohort 1, Year 4 Control Sample**

Variable	Label	Mean	N	Std Dev	Minimum	Maximum
T4E1	Sound out words	1.44	132	0.93	-1.00	3.00
T4E2	Read/answer ques	1.44	132	1.06	-1.00	3.00
T4E3	Calm down	0.67	132	1.19	-3.00	3.00
T4E4	Label emotions	0.66	132	0.99	-3.00	3.00
T4E5	Show empathy	0.64	132	1.09	-3.00	3.00
T4E6	Handle disagreements	0.52	132	1.16	-3.00	3.00
T4E7	Join in play	0.76	132	1.12	-3.00	3.00
T4E8	Cooperate	0.99	132	1.18	-3.00	3.00
T4E9	Play fair	0.94	132	1.15	-3.00	3.00
T4E10	Self esteem	0.97	132	1.31	-3.00	3.00

**Means and Standard Deviations for Teacher Post Ratings - Subscales  
Cohort 1, Year 4, Normative Sample**

Variable	Label	Mean	N	Std Dev	Minimum	Maximum
tpr4ACA	TRP_ Academics mean score YR 4	1.59	338	1.01	-3.00	3.00
tpr4PRO	TPR_ Prosocial Behavior mean score YR 4	1.00	338	0.98	-2.13	3.00

**Means and Standard Deviations for Teacher Post Ratings - Subscales  
Cohort 1, Year 4, Control Sample**

Variable	Label	Mean	N	Std Dev	Minimum	Maximum
tpr4ACA	TRP_ Academics mean score YR 4	1.44	132	0.92	-1.00	3.00
tpr4PRO	TPR_ Prosocial Behavior mean score YR 4	0.77	132	0.97	-2.38	3.00

**VII. Item and Subscale Correlations**

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

Pearson Correlation Coefficients, N = 407 Prob >  r  under H0: Rho=0		
	tpr4ACA	tpr4PRO
tpr4ACA TRP_ Academics mean score YR 4	1.000	0.431
tpr4PRO TPR_ Prosocial Behavior mean score YR 4	0.431	1.000

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

Pearson Correlation Coefficients, N = 407 Prob >  r  under H0: Rho=0										
	T4E1	T4E2	T4E3	T4E4	T4E5	T4E6	T4E7	T4E8	T4E9	T4E10
T4E1 Sound out words	1.000	0.783 0.000	0.312 0.000	0.347 0.000	0.314 0.000	0.345 0.000	0.377 0.000	0.337 0.000	0.347 0.000	0.394 0.000
T4E2 Read/answer ques	0.783 0.000	1.000	0.314 0.000	0.343 0.000	0.311 0.000	0.352 0.000	0.342 0.000	0.360 0.000	0.349 0.000	0.410 0.000
T4E3 Calm down	0.312 0.000	0.314 0.000	1.000	0.670 0.000	0.635 0.000	0.736 0.000	0.661 0.000	0.627 0.000	0.669 0.000	0.536 0.000
T4E4 Label emotions	0.347 0.000	0.343 0.000	0.670 0.000	1.000	0.731 0.000	0.730 0.000	0.666 0.000	0.636 0.000	0.667 0.000	0.538 0.000
T4E5 Show empathy	0.314 0.000	0.311 0.000	0.635 0.000	0.731 0.000	1.000	0.766 0.000	0.728 0.000	0.690 0.000	0.725 0.000	0.602 0.000
T4E6 Handle disagreements	0.345 0.000	0.352 0.000	0.736 0.000	0.730 0.000	0.766 0.000	1.000	0.760 0.000	0.736 0.000	0.777 0.000	0.653 0.000
T4E7 Join in play	0.377 0.000	0.342 0.000	0.661 0.000	0.666 0.000	0.728 0.000	0.760 0.000	1.000	0.798 0.000	0.826 0.000	0.630 0.000
T4E8 Cooperate	0.337 0.000	0.360 0.000	0.627 0.000	0.636 0.000	0.690 0.000	0.736 0.000	0.798 0.000	1.000	0.874 0.000	0.619 0.000
T4E9 Play fair	0.347 0.000	0.349 0.000	0.669 0.000	0.667 0.000	0.725 0.000	0.777 0.000	0.826 0.000	0.874 0.000	1.000	0.652 0.000
T4E10 Self esteem	0.394 0.000	0.410 0.000	0.536 0.000	0.538 0.000	0.602 0.000	0.653 0.000	0.630 0.000	0.619 0.000	0.652 0.000	1.000