

Directions for Scoring the Collective Teacher Efficacy Scale

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Tschannen-Moran, M., & Barr, M. (2004). Fostering Student Learning: The Relationship of Collective Teacher Efficacy and Student Achievement. *Leadership and Policy in Schools*, 3(3), 189-209.

Construct Validity

Construct validity of the Collective Teacher Efficacy Scale was established through factor analysis. Two strong factors emerge that were moderately correlated. When a second order factor analysis was conducted, the two factors formed a single factor.

Subscale Scores

An overall Collective Teacher Efficacy score can be computed by taking a mean of all 12 items. To determine the *Collective Efficacy in Instructional Strategies* and the *Collective Efficacy in Student Discipline* subscale scores, compute a mean score of the items that relate to each factor.

Instructional Strategies

1. How much can teachers in your school do to produce meaningful student learning?
2. How much can your school do to get students to believe they can do well in schoolwork?
3. How much can teachers in your school do to help students master complex content?
4. How much can teachers in your school do to promote deep understanding of academic concepts?
5. How much can teachers in your school do to help students think critically?
6. How much can your school do to foster student creativity?

Student Discipline

7. To what extent can teachers in your school make expectations clear about appropriate student behavior?
8. To what extent can school personnel in your school establish rules and procedures that facilitate learning?
9. How well can teachers in your school respond to defiant students?
10. How much can school personnel in your school do to control disruptive behavior?
11. How well can adults in your school get students to follow school rules?
12. How much can your school do to help students feel safe while they are at school?

Reliability

For 12 item scale, N= 49 middle schools, Cronbach's Alpha = .97

For 6 item instructional strategies scale, N= 49 middle schools, Cronbach's Alpha = .96

For 6 item student discipline scale, N= 49 middle schools, Cronbach's Alpha = .94