



# CW-FIT Efficacy: Randomized Control Trial (RCT)

## CW-FIT : Class-Wide Function Related Intervention Teams

### What is CW-FIT ?

CW-FIT is an intervention for elementary and middle school classrooms that increases on-task behavior and teacher praise. CW-FIT uses a group contingency intervention to help students focus in the classroom and reduce classroom disruptions.

CW-FIT aims to increase teacher praise, reduce teacher reprimands, and to increase on-task behavior. When students are on-task, there is more time to teach and more time to learn.

CW-FIT provides training and support throughout intervention. Research assistants train teachers on the intervention and help implement it in the classroom.

The current study was conducted across Missouri, Utah, and Tennessee with 21 culturally diverse **elementary** schools.

- 157 teachers/classrooms
  - **83 control** teachers/classrooms
  - **74 comparison** teachers/classrooms

The **purpose** of the study was to replicate an initial RCT of CW-FIT to demonstrate effects in new geographic locations.

### **CW-FIT included teaching:**

- Prosocial Skills
- Use of differential attention for appropriate behaviors
  - Teacher Praise
  - Points
- Group Contingency
- Class Teams
- Goal Setting and Rewards

Data were collected for **20-minutes** using a 30-second momentary time sample procedure.

Wills, H., Kamps, D., Caldarella, P., Wehby, J., & Romine, R. S. (2018).

Class-Wide Function-Related Intervention Teams (CW-FIT): Student and teacher outcomes from a multisite randomized replication trial. *The Elementary School Journal*, 119(1), 29-51.

**Teachers implemented CW-FIT with 93.0% fidelity and classwide student on-task behavior improved.**

Teacher praise and attention to appropriate behavior increased and reprimands decreased.

### **Control Group**

- Praise Baseline: 5.7
- Praise CW-FIT: 15.2
- Reprimands Baseline: 7.1
- Reprimands CW-FIT: 3.6

Significantly fewer changes occurred for the comparison classes.

### **Comparison Group**

- Praise Baseline: 4.6
- Praise Over time: 3.1
- Reprimands Baseline: 6.4
- Reprimands CW-FIT: 4.6

Teachers were very satisfied with CW-FIT, stating that it was easy to learn and students were more focused.

Students also reported enjoying CW-FIT.

Study Trial	Baseline On-Task Average	CW-FIT On-Task Average	Baseline Effective Classroom Management Average	CW-FIT Effective Classroom Management Average
Initial (1)	52.0%	83.0%	50.0%	84.0%
Replication (2)	55.0%	80.0%	52.0%	86.6%