



CW-FIT: Efficacy in Middle School 7th Grade Art Classrooms

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

Monson, K. D., Caldarella, P., Anderson, D. H., & Wills, H. P. (2020). Improving Student Behavior in Middle School Art Classrooms: Initial Investigation of CW-FIT Tier 1. *Journal of Positive Behavior Interventions*, 22(1),38-50.

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.

Purpose: To test the intervention with the entire class and to support students at risk for behavior disorders within those classes.

Two middle school art classrooms at a Title I in a Mountain West state examined the effects of CW-FIT.

Teachers were **trained** in CW-FIT, all components were reviewed:

- a) Teaching classroom expectations
- b) Providing behavior-specific praise
- c) Awarding points to teams in response to the timer and providing group rewards
- d) Understanding the rationale behind each rationale

Teachers used a **5-min timer**, delivering behavior-specific feedback each time the timer went off.

Daily point goals were based on 75% to 85% of the number of times the timer would vibrate during the class period.

Groups received **points** when the timer went off if the entire group was on-task.

A **reward** was delivered after the points were tallied to groups that reached the point goal at the end of the class period.

- Class-wide on-task behavior increased by more than 25%.**
- On-task behavior for target students improved by more than 18%.**
- Teacher praise-to-reprimand ratio more than doubled.**

Teacher Fidelity Averages

Teacher 1 – 97.02%
Teacher 2 – 95.89%

Target Student On-Task Averages

- Target Student 1**
- **Baseline** – 70.77%
 - **CW-FIT 1** – 73.50%
 - **Reversal** – 67.00%
 - **CW-FIT 2** – 86.88%

- Target Student 2**
- **Baseline** – 62.08%
 - **CW-FIT 1** – 91.50%
 - **Reversal** – 59.40%
 - **CW-FIT 2** – 76.00%

Social Validity

Both teachers reported CW-FIT was easy to learn and training was adequate. 95.83% of the students indicated that they enjoyed CW-FIT.

Averages													
	On Task				Praise				Reprimand				
	Baseline	CW-FIT 1	Reversal	CW-FIT 2	Baseline	CW-FIT 1	Reversal	CW-FIT 2	Baseline	CW-FIT 1	Reversal	CW-FIT 2	
Class 1	61.35%	88.94%	57.25%	87.34%	0.04	7.0	1.40	8.0	4.6	4.40	5.60	3.0	
Class 2	57.06%	82.50%	53.81%	85.16%	0.17	13.0	0.20	12.60	5.67	3.20	8.80	6.0	