A Treatment Package for Improving Playground Behavior Among Elementary Students

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ABSTRACT

Referrals of elementary students who engaged in aggressive behavior on the playground prompted the implementation of a school-wide treatment package as a non-classroom intervention in conjunction with a PBS program. The package consisted of (a) teaching students new playground rules during Physical Education class, (b) providing reminders of the rules, (c) modifying the playground to facilitate appropriate play, (d) encouraging playground monitors to take a more for students who consistently engaged in aggression. The effects of the program were evaluated by recording three students' levels of aggression and appropriate play and by asking the playground supervisors to rate the recess behavior of all students during baseline

PARTICIPANTS/SETTING

Two P.E. Teachers

Eight Playground Supervisors

School Gym

Playground (Lunch Recess)

DATA COLLECTION

Two primary observers

One on the North (grades 1-2)

An undergraduate at Brigham Young University studying Spanish and with a certification in Special Education

One reliability observer

Interobserver agreement for both North and South ends of the

Interobserver agreement A second observer collected data on 25% of the sessions

Mean = 96% for all sessions

Range = 83% to 100% for all sessions

RESULTS

Verbal aggression .42 per minute Physical aggression .85 per minute Percentage of intervals of appropriate play = 11

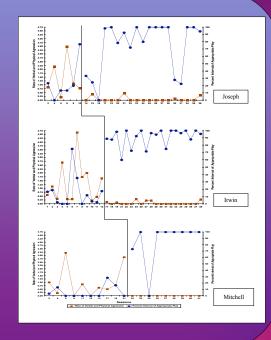
Physical aggression .034 per minute
Percentage of intervals of appropriate play = 89.95

Baseline

Verbal aggression .25 per minute Physical aggression .76 per minute Percentage of intervals of appropriate play = 5

Physical aggression 0 per minute

Percentage of intervals of appropriate play = 85.9



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DEPENDENT VARIABLES

presence

Following the five playground rules while participating in an organized activity or while using playground equipment

INDEPENDENT VARIABLES

New playground rules Teacher reminder of rules

Playground supervisors trained, prompted, and reinforced

Individual Positive Behavioral Support Plan

EXPERIMENTAL DESIGN

Baseline consisted of normal playground behavior and supervision without any modifications

rules taught in PE, playground supervisor training, playground modification and self-management programs

DISCUSSION

- Strengms.

 Functional relationship between independent and dependent variables to reduce aggressive behavior and increase appropriate play behavior on the playground

 Alignment of FBA and the designed BIP for targeted students

 Systematic replication of Walker et al.'s (1981) and Doughtery

- to school personnel

Implications for Future Research

- · Participants limited to students with externalizing behavior problems v. internalizing behavior problems
- Participants limited to identified students v. all students in the
- · Independent variable was a "package" component analysis
- No systematic investigation of social validity

