Evaluating the Implementation of the PAX GBG within an Interactive Systems Framework

David Hussey, Ph.D., Michelle Riske-Morris, Ph.D., J.D. & Laura Overman, M.A., M.Ed.
Begun Center for Violence Prevention Research & Education
Mandel School of Applied Social Sciences
Case Western Reserve University
Learning Objectives

Increase awareness of the importance of implementation fidelity in achieving desired outcomes of evidence based program, such as the PAX Good Behavior Game.

Understand how the components of the PAX GBG can be used to enhance program fidelity and quality of implementation.
Let’s Play a PAX Game

- Self Regulation
- Shared Expectations
- Spleem Counts
- Non Traditional Rewards
Issues of Implementation

- Expectation for schools to implement EBPs with fidelity; i.e., adherence to original program model.
- Implementation in real-world settings, however is difficult. Contrast what is planned by what is delivered.
- Gap between efficacy and effectiveness (Durlak & DuPre, 2008).
Implementation Fidelity for PAX

- Training provided exclusively by the PAXIS Institute
- Spleem observations
- Coaching and technical assistance to teachers
- PAX GBG Implementation Rubric
Interactive Systems Framework

- A heuristic understanding of the needs, barriers and resources different systems have that affect implementation (Wandersman, et al. 2008).

- Attention to infrastructure and systems necessary for implementing evidence based programs; i.e., it helps to bridge the gap between prevention research and effective practice.
ISF is comprised of three systems

- Prevention Synthesis and Translation System (PSTS)
- Prevention Support System (PSS)
- Prevention Delivery System (PDS) (Wandersman, et al. 2008)
Prevention Synthesis and Translation System (PSTS)

In order for practitioners to apply information on innovations they must be able to understand them.

- Information must be synthesized compiled and summarized.
- Communicated in an appropriate format language that is user-friendly.
- Product must meet needs of its audience so that it can be applied correctly.
During training PAX partners and teachers received PAX bags with information in user friendly formats.

PAXIS website, and various pamphlets and leaflets developed by PAXIS; e.g., info sent home to parents.

Classroom materials – posters, visual aides, etc.
Support can be provided in a number of different ways, including training, technical assistance and coaching.

- Facilitate and support the implementation of evidence-based approaches.

- Two key elements for the Prevention Support System:
  - Innovation-specific capacity
  - General capacity building
Two-phase coaching model developed with the PAX GBG utilizing the PAX Partners.

- Universal coaching phase
- Tailored coaching phase

Evaluation of this coaching model demonstrated improved implementation quality by teachers (Becker, et al. 2013a &b).
Prevention Delivery System (PDS)

- Actions necessary to implement the program:
  - Individual factors
  - Organizational factors
  - Community factors

Individuals, organizations & and communities bring different levels of capacity to the table when implementing innovations.
PAX & PDS

- **Individual factors**
  - Teacher buy in and participation
  - PAX Partners

- **Organizational factors**
  - Support from School Administrators and school staff
  - Implementation at multiple grade levels
  - SSHS supported local evaluations of the PAX program

- **Community factors**
  - School District implementation that has grown each year wide
  - SSHS supported local evaluation of the PAX program
**Weekly PAX Summary**

Remember to save a copy of these data with your local PAX partner and make a chart of PAX Minutes for your class.

<table>
<thead>
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<th>Teams</th>
<th>PAX 1</th>
<th>PAX 2</th>
<th>PAX 3</th>
<th>Total Games Played</th>
<th>Total Minutes Played</th>
<th>Total PAX Minutes Earned by All Teams Together</th>
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Harrison Hills: K thru 2 Combined
Average Length of Game in Minutes

Williams County: 1st grade Average Length of Game in Minutes
Harrison Hills: K thru 2 Combined
Average Number of Games per Day

October  November  December  January  February  March  April  May
2.31  2.14  2.09  1.33  1.14  1.81  1.98  1.77

Williams: First Grade
Average Number of Games per Day

October  November  December  January  February  March  April  May
2.7  2.28  2.02  1.51  1.59  2.21  2.17  1.77
Can We Improve Implementation Fidelity?

- Spleem Observations
- PAX Implementation Rubric
- Coaching and TA
- PAX Scoreboards
Resources


