

an international prevention science leader

Welcome to PAX!

PAX = Peace • Productivity • Health • Happiness

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What does "PAX" mean?

Peace

- Reduce stress and anxiety while improving climate.

Productivity

- Increase intentional time, focus, and performance on tasks.

Health

- Reduce substance misuse, mental illness, and legal involvement.

Happiness

- Promote relationships with peers, adults, and other individuals within the community.



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What are Evidence-based Kernels?

- Evidence-based Kernels make up the PAX Good Behavior Game and PAX Tools.
- They are fundamental units of behavioral influence.
- Evidence-based Kernels are
 - proven.
 - culturally responsive.
 - trauma-informed.

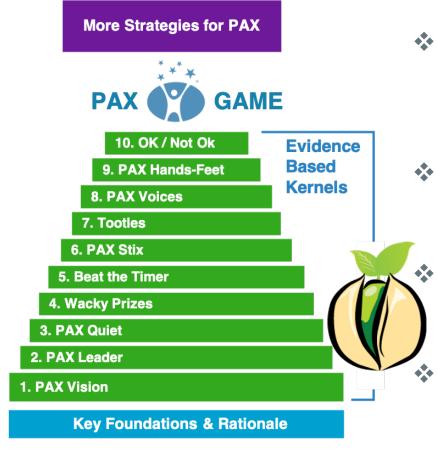
Clin Child Fam Psychol Rev (2008) 11:75–113 DOI 10.1007/s10567-008-0036-x Evidence-based Kernels: Fundamental Units of Behavioral Influence	
Published online: 20 August 2008 © The Author(s) 2008. This article is published with open access at Sp	oringerlink.com
Abstract This paper describes evidence-based kernels, fundamental units of behavioral influence that appear to underlie effective prevention and treatment for children, adults, and families. A kernel is a behavior-influence procedure shown through experimental analysis to affect a specific behavior and that is indivisible in the sense that removing any of its components would render it inert. Existing evidence shows that a variety of kernels can influence behavior in context, and some evidence suggests that frequent use or sufficient use of some kernels may produce longer lasting behavioral shifts. The analysis of behavioral influence, augment existing prevention or treatment efforts, facilitate the dissemination of effective prevention and treatment practices, clarify the active ingredients in existing interventions, and contribute to efficiently developing interventions, and contribute to of behavior influence: reinforcement, altering antecedents, changing verbal relational responding, or changing physi- ological states directly. The paper describes \$2 of these kernels that influence human behavior. Keywords Evidence-based kernels · Public-health benefits · Prevention · Treatment D. D. Embry (^{EQ)} PAXIS Institute, P.O. 31205, Tueson, AZ 85751, USA emai: dde Pavis.org	This paper presents an analysis of fundamental ur behavioral influence that underlie effective preventi treatment. We call these units <i>kernels</i> . They has defining features. First, in experimental an researchers have found them to have a reliable eff one or more specific behaviors. Second, they are mental units of behavior influence in the sense that d any component of a kernel would render it inert. I standing kernels could contribute to an empirically theory of behavioral influence, facilitate disseminal effective prevention and treatment practices, clari- active ingredients in existing interventions, and con to developing interventions that are more efficie effective. Subsequent sections of this paper expan- tion of the idea and terminology. The ultimate goals of treatment and prevention re- are a reduction of the prevalence of the most comm- costly problems of behavior and an increase in the lence of wellbeing. Current thinking about h accomplish this assumes that we will identify empi- supported programs and, to a lesser extent, oplicie will disseminate them widely and effectively. All substantial progress is occurring through this strategy are at least four limitations to it that point to the va- tender start is difficult to implement a program's et widely with fidelity or effectiveels. Ringwalt et al. surveyed a sample of 1,795 school staff members wh in charge of teaching substance-use prevention pro Nearly two-thirds reported teaching content that analyses showed was effective. However, only 179

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How does PAX GBG work?

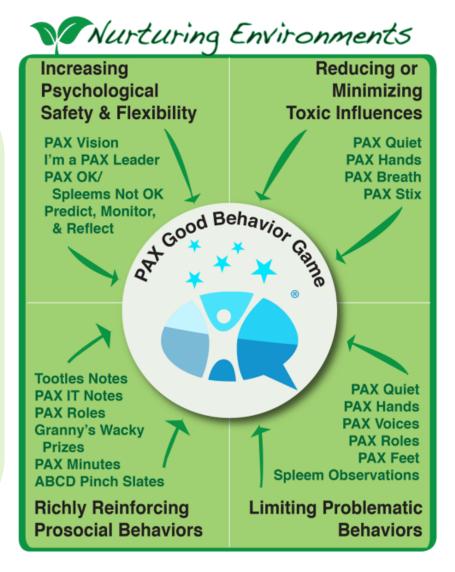


- Teachers attend 6 hours of training from the PAXIS
 Institute to learn and understand PAX GBG.
- Teachers implement 10 research-based strategies during typical instruction.
 - Teachers play the evidencebased PAX Good Behavior Game several times each day.
 - Teachers receive guidance and ongoing assistance from internal and/or external supports.



How does PAX GBG work?

The Nurturing Environment created using these trauma-informed strategies in the classroom teaches behavior and self-regulation as a skillset producing *lasting change*.



PAX fosters meaningful relationships

PAX GBG purposefully arranges for teamwork and mutual goals for students throughout the day.

Collaboration builds positive relationships among peers and adults and also expand peer networks proven protective factors against suicide.





PAX GBG decreases suicidality

- Though not specifically *designed* to prevent suicidality, PAX GBG is one of only 2 classroombased interventions proven to reduce both attempts and ideation.*
- PAX GBG also reduces an array of other outcomes including mental, emotional, & behavioral disorders and drug misuse disorder.



*Katz, C., Bolton, S. L., Katz, L. Y., Isaak, C., Tilston-Jones, T., Sareen, J., & Swampy Cree Suicide Prevention Team. (2013). A systematic review of school-based suicide prevention programs. *Depress Anxiety. 30(10).* 1030-1045.

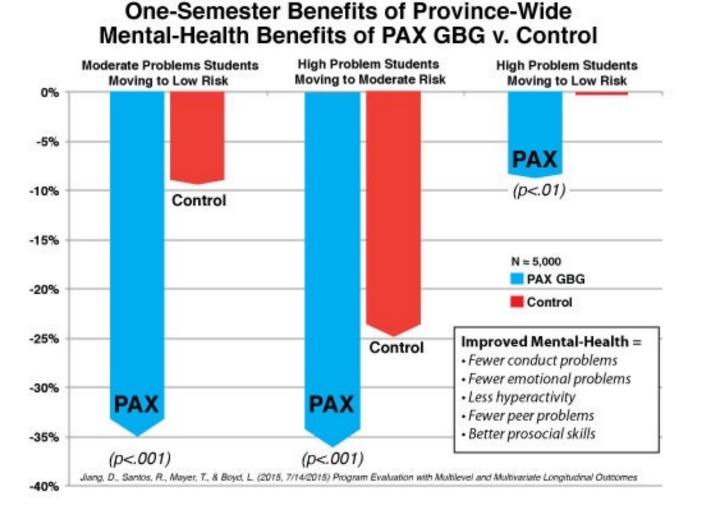


What does PAX do?

PAX Improves Student Mental Health



PAX GBG reduced the risk of mental, behavioral, and emotional disorders.

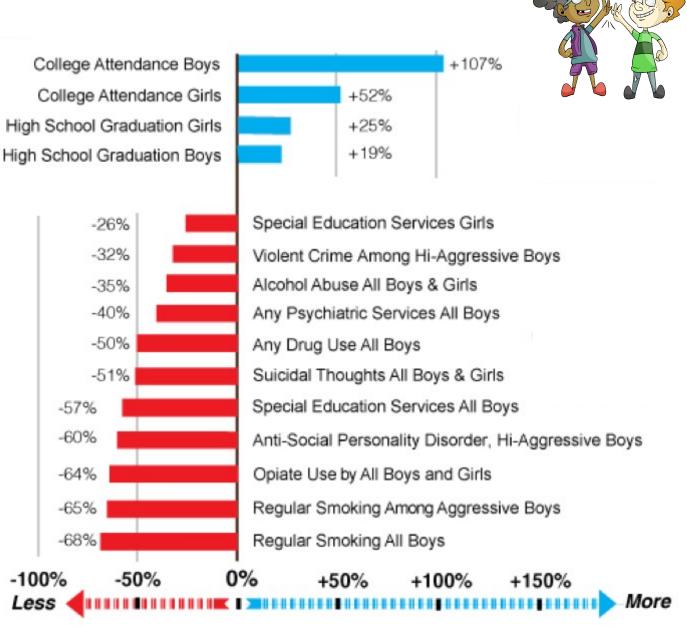




What does PAX do? PAX Improves Lifetime Outcomes

Longitudinal data from Johns Hopkins studies

Computation of Relative Difference = (GBG/Control)-1



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Less

PAX creates a shared approach across systems

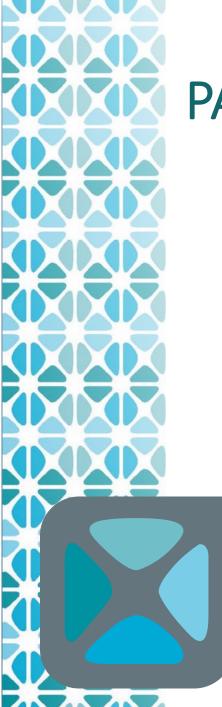


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What is **paxtools**?

- A collection of evidence-based strategies to improve cooperation and self-regulation with children.
- Is trauma-informed.
- Creates nurturing environments.
- Supports parents and caregivers, and other caring adults who interact with children in settings outside of a classroom.

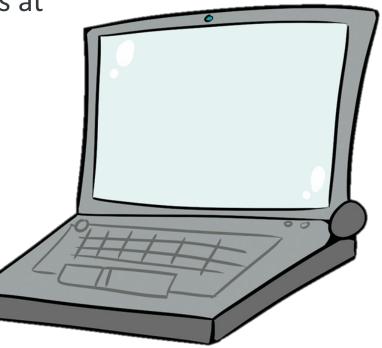




PAXIS trainings are available virtually!

Blackboard Collaborate provides for live synchronous training with participants at work or home.

Multiple session options provide *flexibility* for limited professional development time.





Learn more about PAX!



Visit <u>www.paxis.org</u>

- Watch videos on our YouTube channels:
 - PAX Good Behavior GamePAX Tools
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For more information about PAX or our research base, email info@paxis.org