

*An Administrators' Guide to High Probability Practices to Promote Student Behavioral Success*


Adult Responsibility in Schools: Equity  
and Student Success

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 **PROBABILITY**

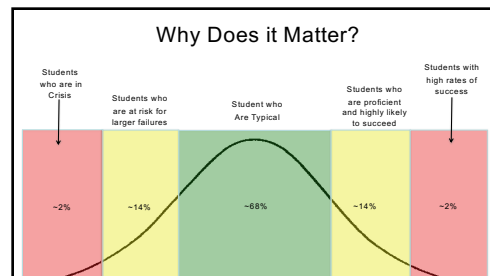
Not all "Evidence-Based"  
Practices Are Equal

- Some give bigger effects
- Some work faster
- Some are easier to implement with consistency
- Some have broader effects

**It's a Gamble**

**Maximize Probability by Considering the Evidence**

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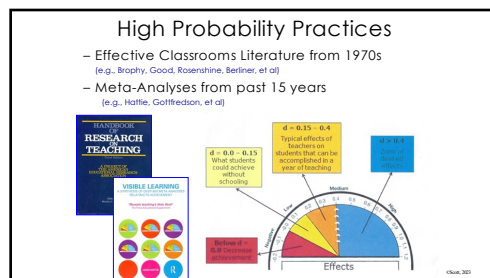


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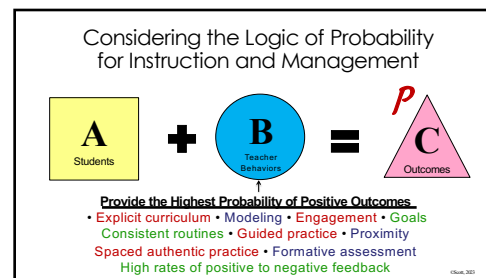


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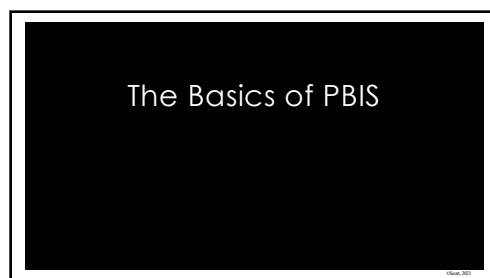
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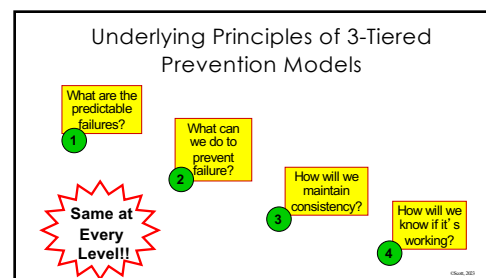
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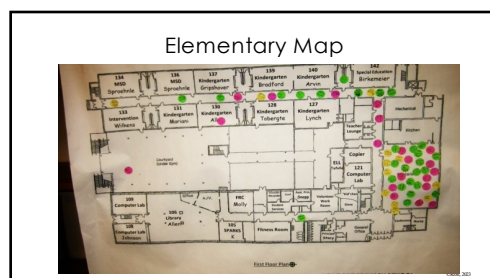
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## An Administrators' Guide to High Probability Practices to Promote Student Behavioral Success

### Teaching Rules

#### Keys to Teachable Rules

1. Anchor all rules to 3-5 big ideas – School-Wide
2. All rules are taught as examples of the big ideas
3. Organize by location
  - Try for max 5 rules per location
4. Teach to students directly and explicitly
5. Revisit instruction throughout the year – acknowledge compliance



#### EXAMPLE

**Respect Yourself**  
-in the classroom (do your best)  
-on the playground (follow safety rules)

**Respect Others**  
-in the classroom (raise hand to speak)  
-in the stairway (single file line)

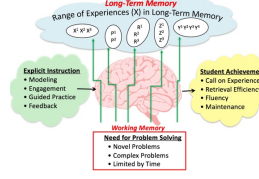
**Respect Property**  
-in the classroom (ask before borrowing)  
-in the lunchroom (pick up your mess)

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### What Science Tells Us About Teaching and Learning

- Guided explicit instruction with repetition and varied examples enhances storage in long-term memory
- Unstructured learning places a heavy load on working memory – Information not stored in long-term memory is lost in 30 seconds
- Students with deficits can actually lose ground when instruction is not structured and explicit
- Especially important for novice learners



(Based on Kirshner, Sweller, & Clark, 2006)

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### Acknowledgement!




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### Goal Setting and Continuous Feedback

Post the Data for all Faculty to See

- Staff need to know that data collection has a purpose
- Staff need to see results of efforts



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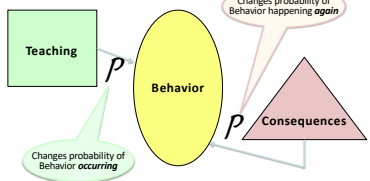
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### A Science of Instruction for Changing Behavior

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### How Adults Change the Probability Snowball Rolling to the Right




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## An Administrators' Guide to High Probability Practices to Promote Student Behavioral Success

High Probability Instruction Involves:

1. Teacher is **explicit** with lesson content and thoughtfully considers what is necessary to facilitate success with learning (examples)
2. Teacher takes responsibility for maximizing active **student engagement** within the content
3. Students get multiple opportunities to practice success at high rates with high rates of **positive teacher acknowledgement**



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Instructional Practices and Student Success/Failure

Consider the degree to which teachers provide:

- Focus on students (active teaching)
- Opportunities to respond (OTR)
- Positive feedback (verbal or other affirmation)

- o Latent-class analysis reveals 3 clusters of teachers in terms of using these practices
- o Teachers in the lowest cluster have students that are:
  - **27% more likely to be off task**
  - **67% more likely to be disruptive**

Gage, N., Scott, T. M., & Hen, R. G. & MacSuga-Gage, A. (2018). The relationship between teachers' implementation of classroom management practices and student behavior in elementary school. *Behavioral Disorders*, 43(2), 350-375.

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Explicit Instruction

The teacher controls how the message (lesson) is delivered by carefully considering what to say, how to say it, what examples to use, and the sequencing of examples. Effective Teachers find ways to make complicated things simple

**Explicit Instruction = Clarity**

- o Keys
  - Authentic examples (age, culture, & context are important)
  - Teach the positive – what and how to do
  - Say it, show it, discuss it

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Engagement During Instruction


**Engagement is a Teacher Behavior**

Teacher provided opportunities for student response related to lesson content during instruction (OTR)

**Significantly higher active engagement and significantly lower disruptions when OTRs at 3 or more per minute**

Effective Teachers find ways to engage all students

- o Keys
  - High rates of success
  - Used as vehicles for delivering positive feedback



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High Poverty Schools & Engagement

22 Title One Eligible Elementary Schools in Kentucky

- 11 "Distinguished" in reading on state assessment
- 11 "Needs Improvement" in reading on state assessment


- o Matched Sample (size, location, demographics)
- o Hierarchical Linear Modeling
  - **Group OTR predictive of academic achievement**
    - High achieving receive 260+ more OTR each week
  - **Negative feedback predictive of suspension**
  - **Differences are at the teacher level**

Hen, R. G., Hall, A., & Scott, T. M. (2017). Exploring instructional differences and school performance in high poverty elementary schools. *Preventing School Failure: Alternative Education for Children and Youth*, 31-48.

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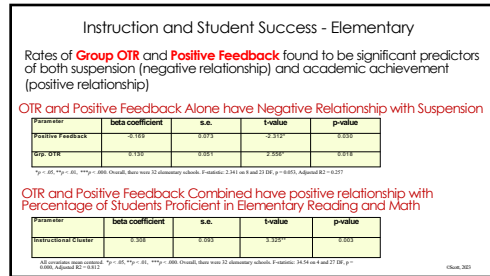
Feedback

- o Simple feedback on performance – formative and summative – is one of the most effective components of instruction
  - This means nothing more than simply acknowledging student success when you see it
  - Affirmation!

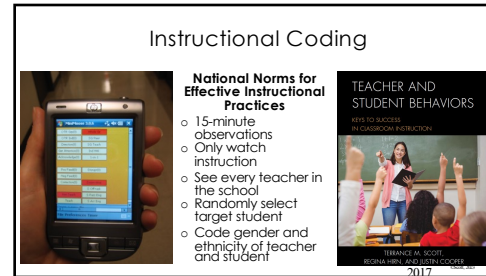


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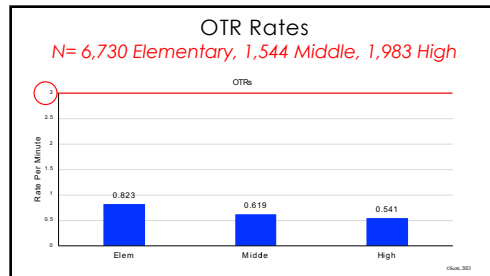
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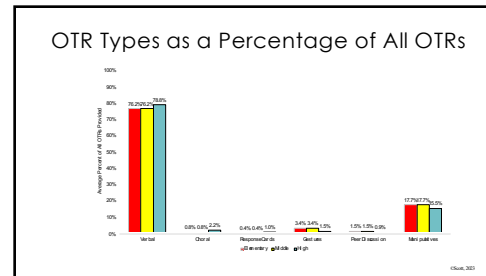
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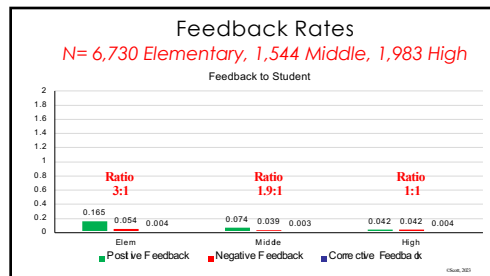
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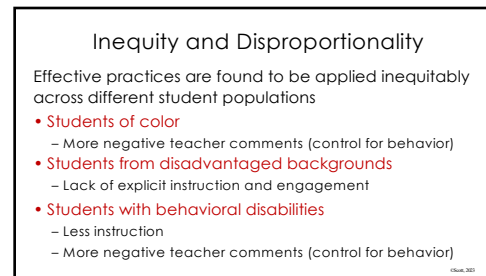
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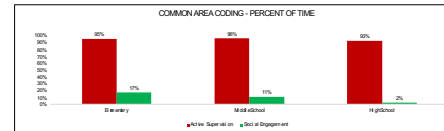
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### School Culture and Climate: Engagement Outside of Instruction

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### Common Area Observations - % of Time

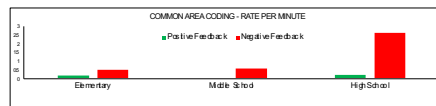


At all school levels, teachers engage in active supervision of students in their area at an average of 93% or better. However, social engagement between adults and students is only 17% of observed time at the elementary, decreasing to 11% at middle and just 2% of observed time at the high school.

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### Common Area Observations - Rate



The average elementary student hears something positive from an adult every 5.8 minutes, becoming once every 25 minutes at middle school and once every 4.3 minutes at high school. In contrast, negatives are heard every 1.8 minutes at elementary, every 1.6 minutes at middle school, and every 23 seconds at high school.

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### Big Ideas

- Student behavior won't change until adult behavior changes  
-- **Adults Matter!** We make a big positive difference
- ALL behavior change is an instructional process  
-- **Instruction Matters!** Teach
- It's all about probability – what's the simplest way to make a difference in a student's probability for success?  
-- **Practices Matter!** Begin with high probability strategies

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### QUESTIONS?

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