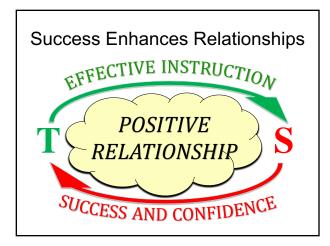


# Effective Instructional Practices and Student Success/Failure

Consider the degree to which teachers provide:

- Focus on students (time spent teaching)
- Opportunities to respond (OTR)
- Positive feedback
- Teachers using the least amount of these practices have students that are 27% more likely to be off task and 67% more likely to be disruptive

(Gage, Scott, & Hirn, in press)



# To What Degree do Teachers Use High Probability Strategies?

## Classroom Observations Study

- Observe how teachers and students interact during typical classroom instructional periods
- 15 minute observations of individual student in context of classroom
- 12,000 classroom observations around the world



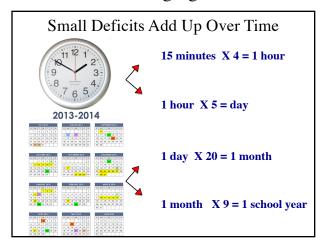
# Make Connections to Students' Lives Guided explicit instruction with repetition and varied examples enhances storage in long-term memory Unstructured learning places a heavy load on working memory — Information not stored in long-term memory is lost in 30 seconds Students with deficits can actually lose ground when instruction is not

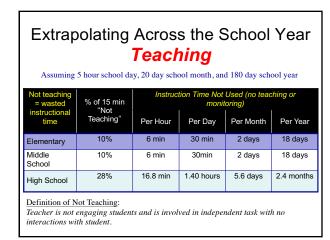
structured and explicit
 Especially important for novice learners

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

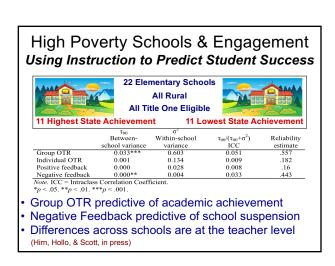
## What Do You Think Average Time **Spent Teaching Looks Like?** 100% 90% 80% Percent of Observed 70% 60% 50% 40% 30% 20% 10% HS Flem (Scott, Hirn, & Cooper, 2017)

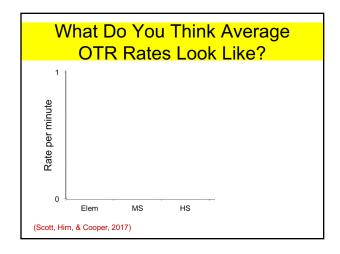


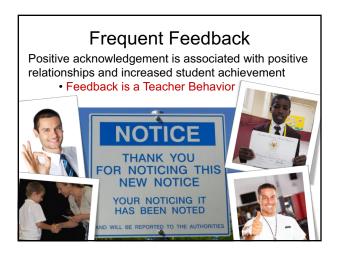




# Engagement is a Teacher Behavior Teacher provided opportunities for student response during instruction (OTR) is associated with higher active student engagement and increased achievement • Effective Teachers find ways to engage all students - Verbal responses - Raise hand to indicate agreement - Create and share - Demonstrate - Talk to neighbor • Keys - High rates of success - Used as vehicles for delivering positive feedback









## Responding to Misbehavior/Errors

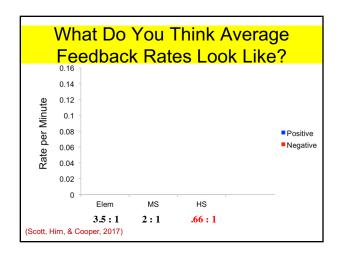
- We have <u>zero</u> evidence that removing a student from the classroom or school results in a decrease in problem behavior
  - More likely to be used with minorities and students with disabilities
- Correction is a more positive and effective response
- Consider the Restorative Practices language

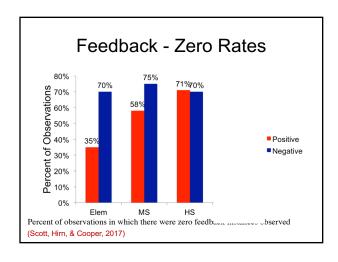


(Hirn & Scott, 2014; Scott, Gage, & Hirn, in review)

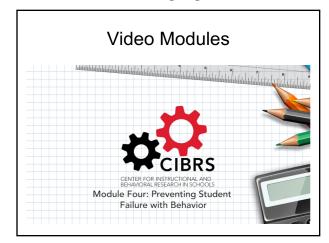
Acknowledge Errors with Correction

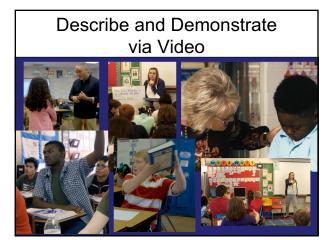
Elem Rate = .007 Middle School Rate = .004 High School Rate = .005





## 





## Opportunities to Discuss

 During the session, teachers are asked to discuss questions related to the content (during and after the video)



## Homework

 After reviewing the video and the facilitated discussion, teachers uses strategies in the classroom for designated timeframe

1. Try using some new strategies for providing OTR in your classroom.
2. Be prepared to discuss what you learned-especially how you adapted these strategies for your students and content.

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