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# **Review: Scientific Research-Based Interventions (SRBI)**

Presentation to the Region 9 Board of Education  
June 15, 2010

# What Are Scientific Research-Based Interventions (SRBI)?

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- Comprehensive, multi-tiered intervention process to enable early identification and intervention for students at academic or behavioral risk
- Differentiated levels of instructional/behavioral interventions to increase student achievement for ALL students
- A model to distinguish learning disabilities from learning differences



# Key Components of SRBI

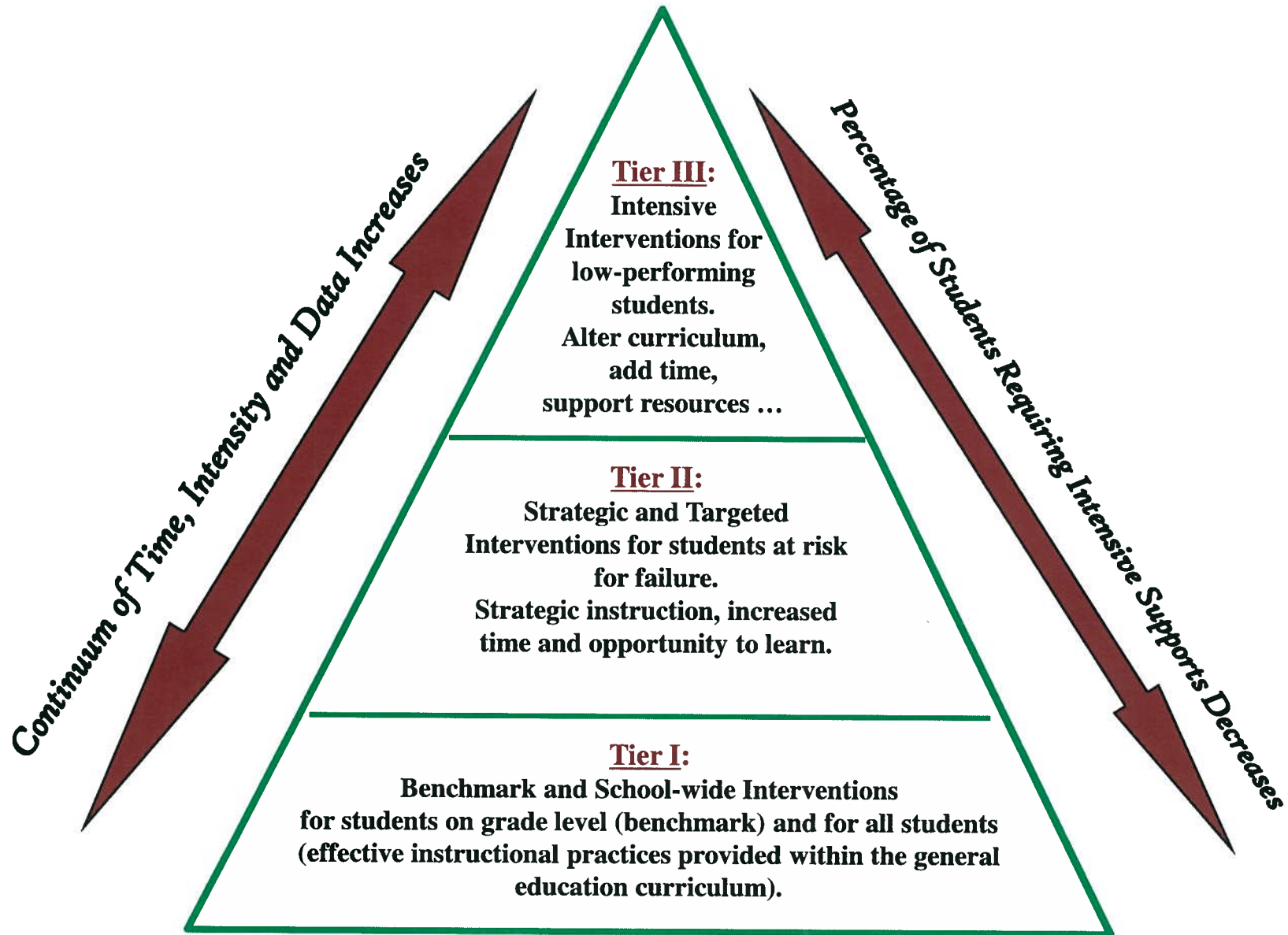
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- Data-driven decisions by teacher teams
- Universal screening of academics and behavior
- Multiple tiers of increasingly intense interventions
- Differentiated curriculum-tiered intervention strategy
- Use of scientifically research-based interventions
- Continuous monitoring of student performance
- Benchmark/outcome assessment



# SRBI Framework

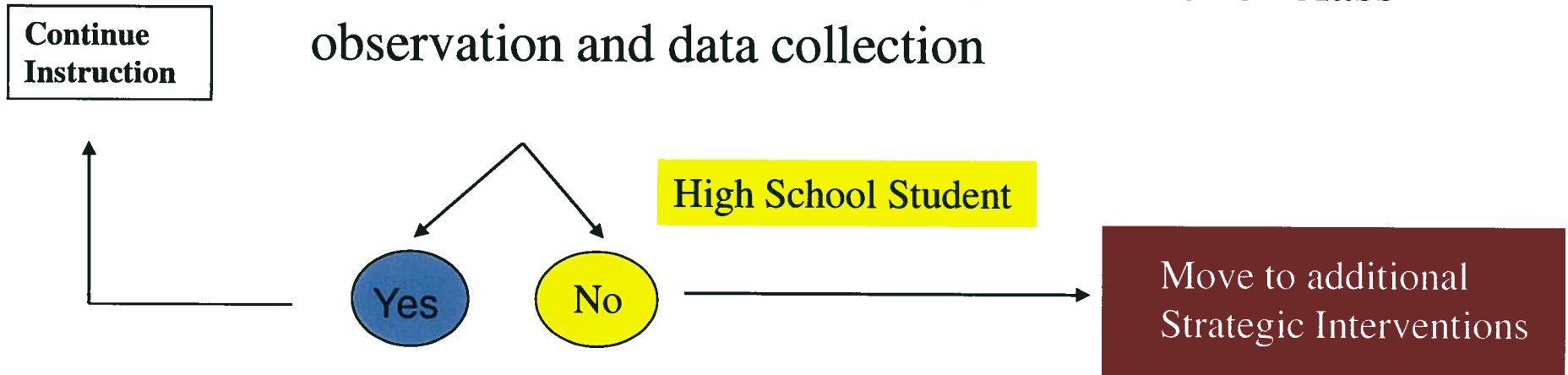
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# General Education Instruction for High School Student: Decision Model

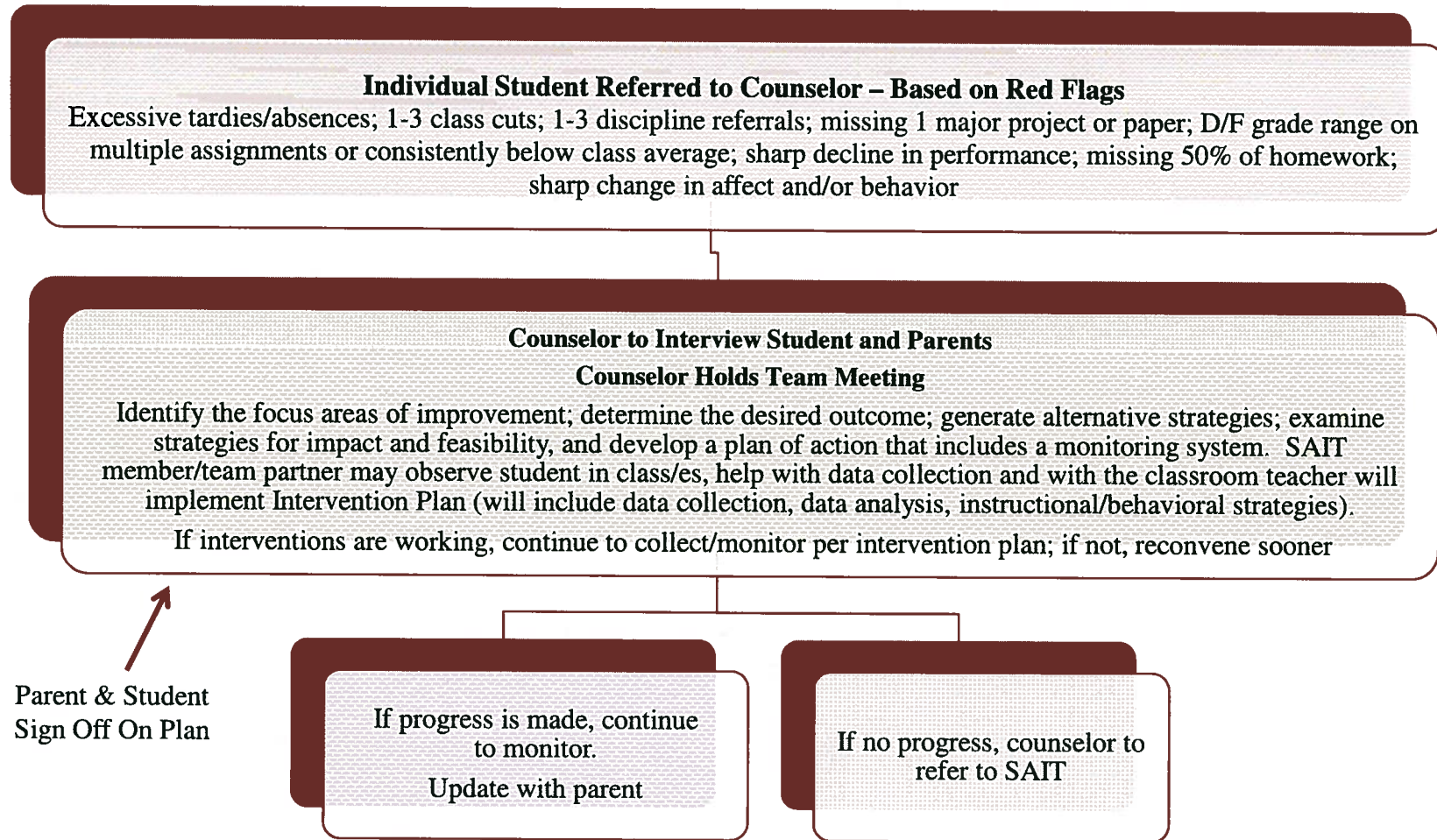
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- Universal Screening for all students
- Teachers receive data for all students
- Teacher-generated interventions available online
- Teachers document interventions
- SRBI core team and counselors available for class observation and data collection

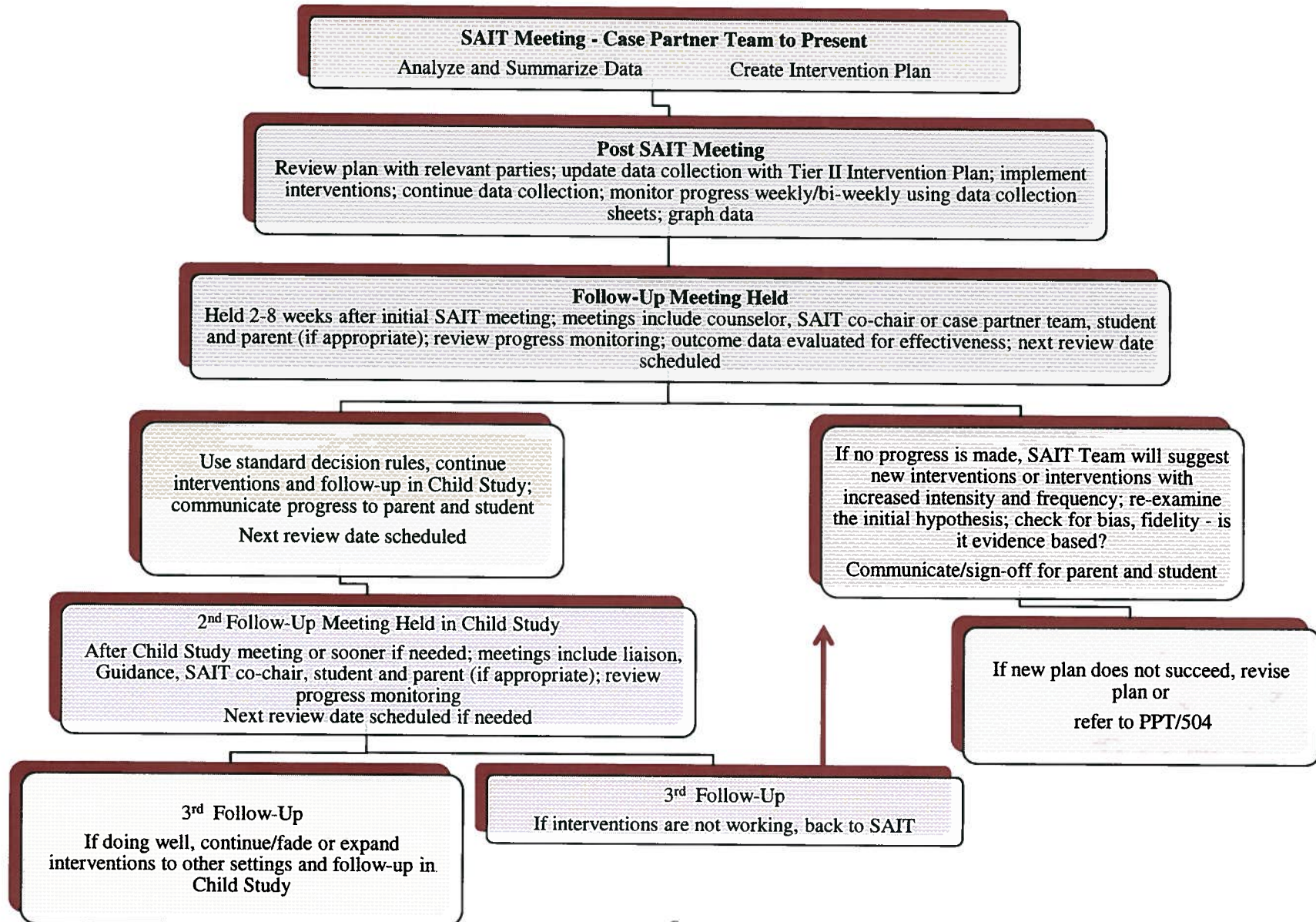


# Student Assistance Intervention Team (SAIT) Flow Chart

## Counselor/Teacher Referral



# SAIT Process – SAIT Meeting



# Strategic Intervention & Instruction Model for High School Student

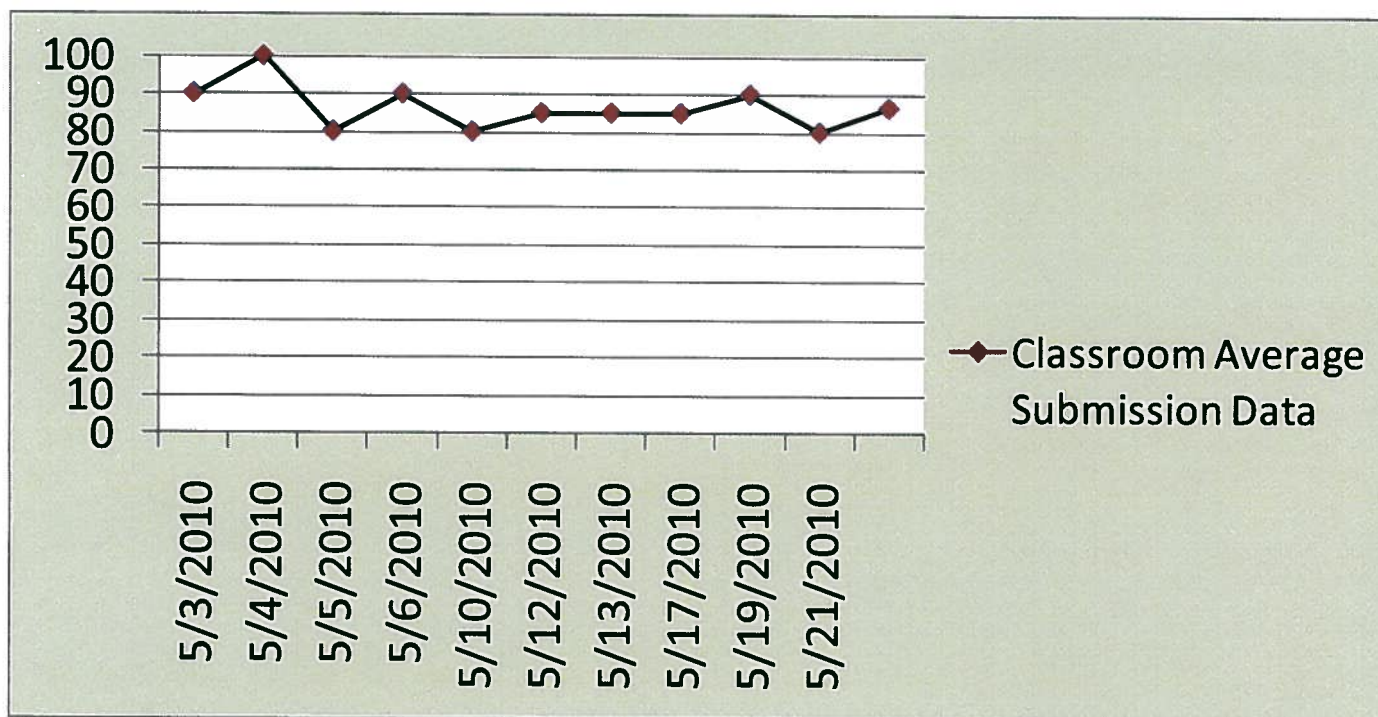
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Area of Concern: Student's homework completion is inconsistent. Student is distracted in class and does not record homework assignments.

Hypothesis: If student completes her homework, then her overall achievement will be higher, and behavior will improve with success.

# Classroom Average Submission Data

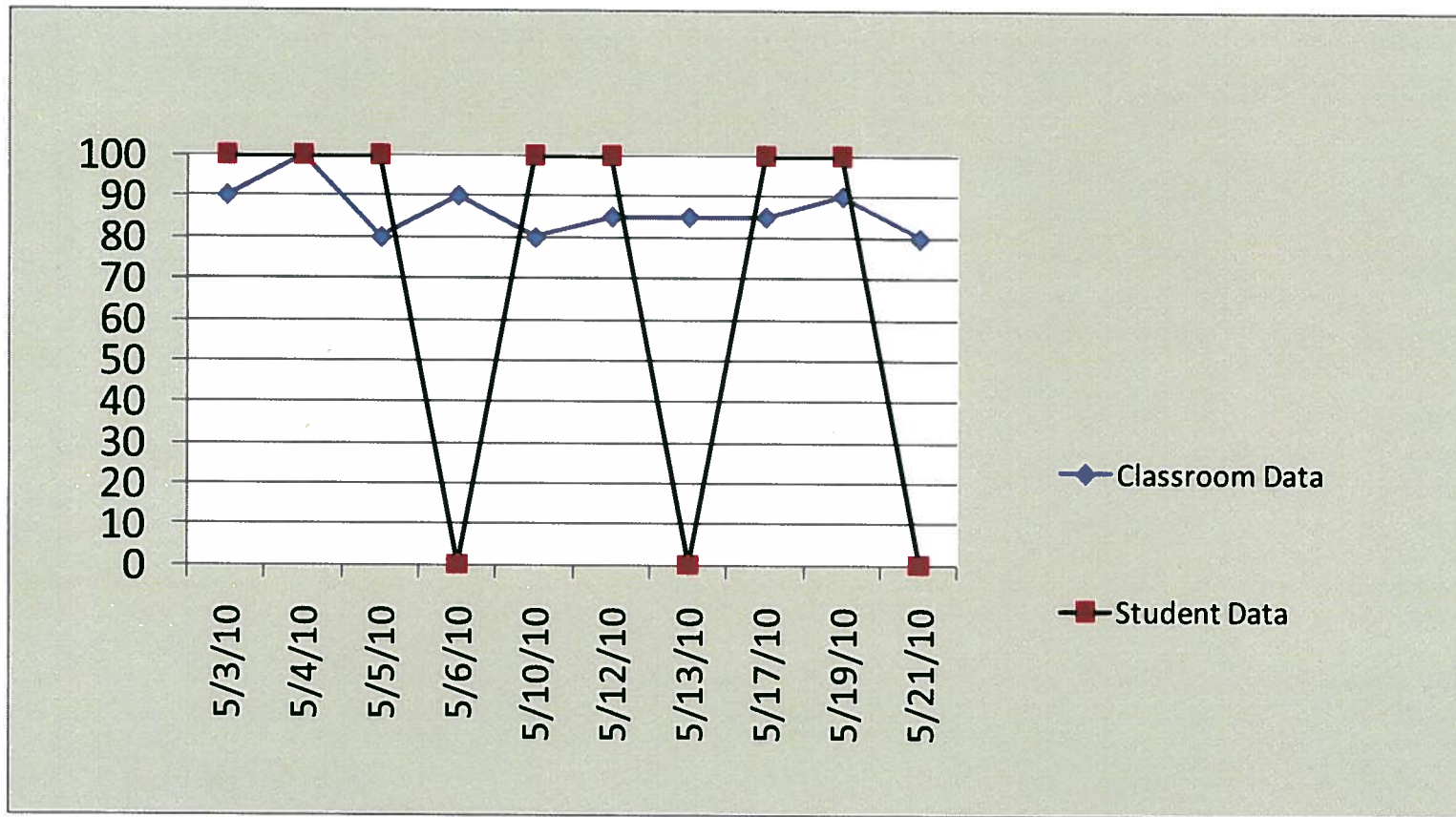
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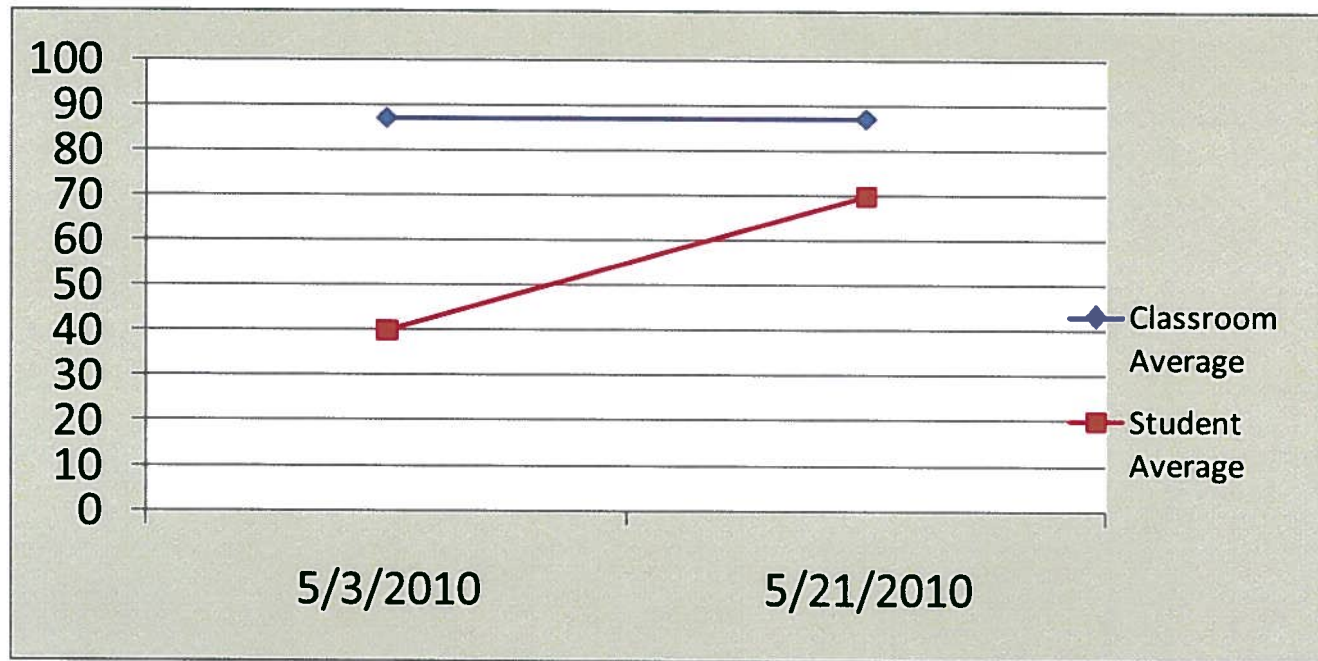
87% homework submission average for 20 students over time.

# Comparative SRBI Data

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# Impact of Interventions on Homework Submission



# Implementation and Consistency

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- SRBI School Plans – Linked to School Improvement Plans and Professional Development
- District SRBI Plans for alignment and coordination of effort, including use of longitudinal student data (Elementary → Middle → High School)
- Case studies used to monitor and evaluate effectiveness of SRBI Plans

