



**SCHOOLS  
THAT LEAD**

**NC Joint Legislative  
Education Oversight Committee**

**November 29, 2022**



# Our Approach

## Typical School Practice



Notice  
Problem



Become  
concerned



Seek  
solution



Roll out  
initiative



Declare  
"it worked"  
or "it didn't"

## Improvement Science



Notice  
problem



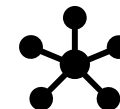
Get clear  
about problem



Understand  
current outcomes  
and set aim



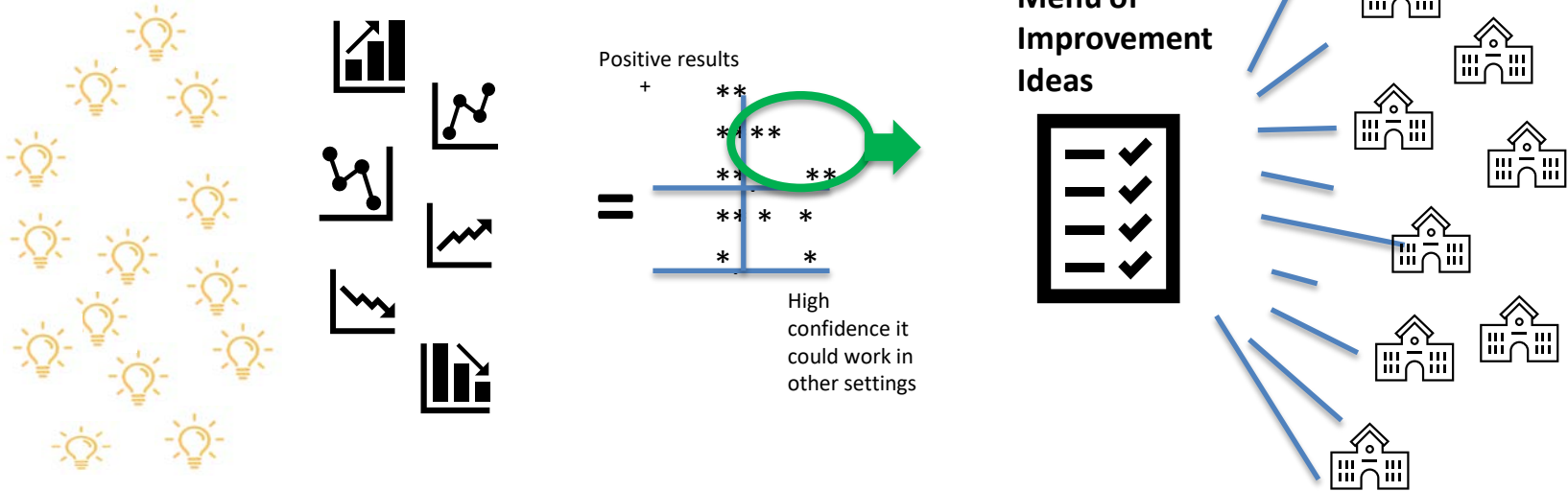
Learn: Test  
small and  
measure



Scale what  
works in  
this context



# How It Works



Identify high promise, simple to replicate improvement ideas to test across sites

Test and measure in new contexts through peers to learn what works, for whom, under what conditions



# Testing an Improvement Idea

**Problem:** Poor course grades due to assignments that students never turned in

**Theory:** Kids are having trouble organizing themselves, keeping track of work



Assignment	Turned In (and I'm happy with my grade)	Turned In (but I am NOT happy with my grade and need to redo it)	Not Turned In
iReady Check 1 (Diagnostic Complete)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10/29 Module 1 Unit 1 Lesson 5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10/30 "Refugees: Who, Where, Why?" Part 2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11/2 Module 1 Unit 2 Lesson 6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11/4 Quarter 2 Pretest Review and Reflection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11/5 Module 1 Unit 2 Lesson 7 - Mid Unit Assess	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
iReady Check 1 10/27-11/6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11/9 Module 1 Unit 2 Lesson 9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11/10 Module 1 Unit 1 Lesson 13	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11/12 Refugeess Essay Part 1 - Inside Out	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11/13 Refugee Essay Part 2 - Back Again	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

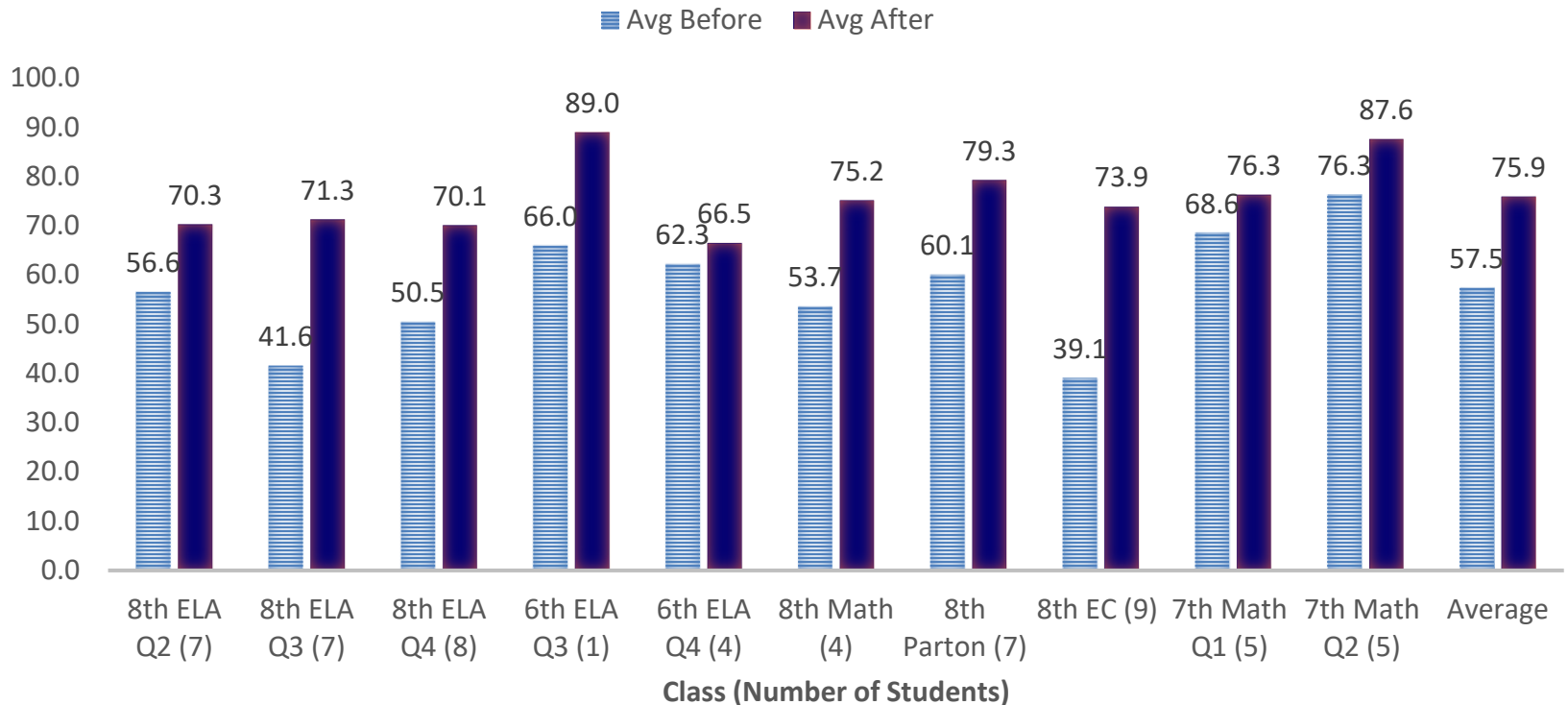


Of the 7 students measured on the Watch List, **all 7 (100%) improved their overall grades.** All 7 turned in 1 or more missing assignments. **5 of the 7 who were previously failing improved to passing grades.**



# Accelerating Improvement

AVERAGE GRADE BEFORE AND AVERAGE GRADE AFTER FOR WATCH LIST STUDENTS IN EACH CLASS

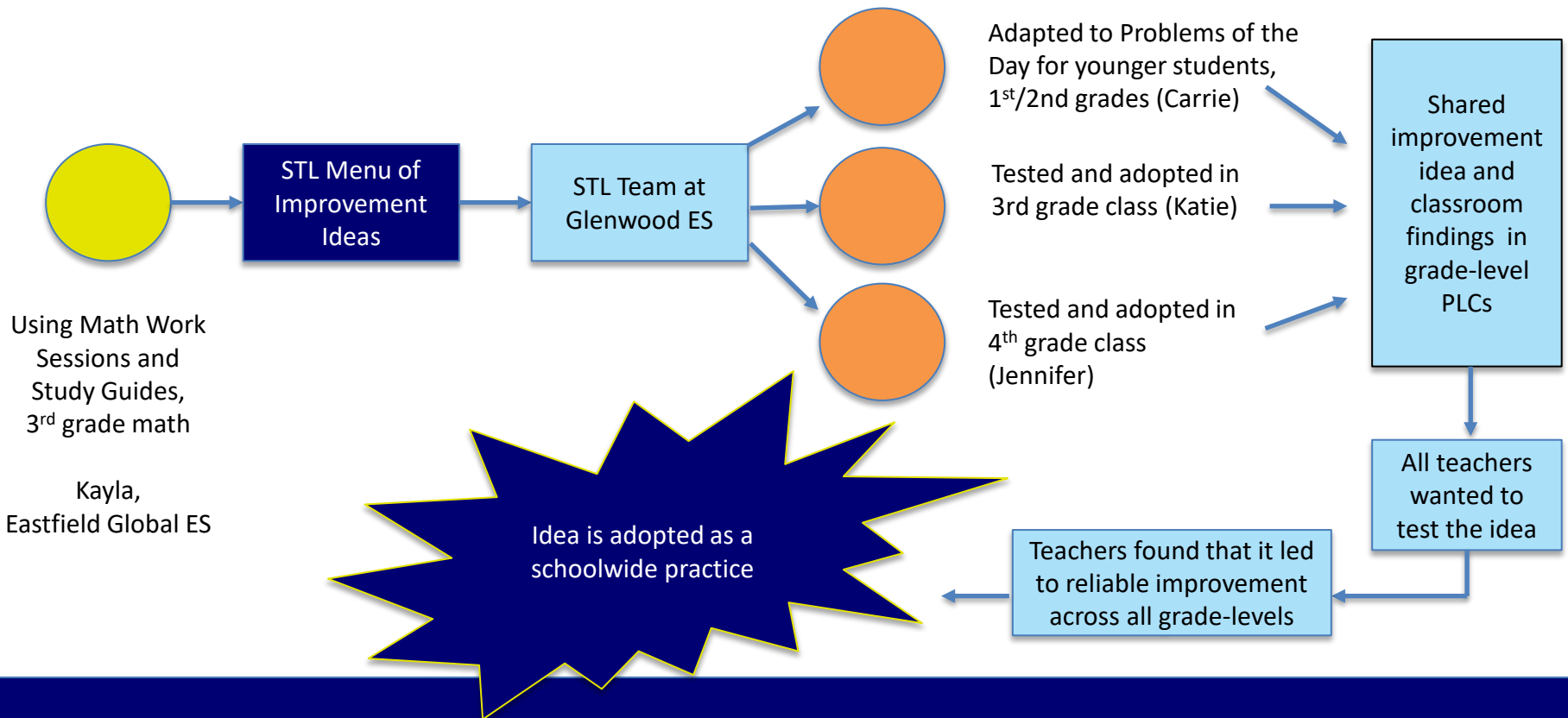




# Accelerating Improvement

**Problem:** Poor performance on math assessments, especially for those who seem to grasp the material conceptually during class

**Theory:** Kids are unfamiliar with the format, get anxious and can't access their best thinking







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