

MTSS: Increasing Achievement for ALL Students

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Tale of Two Boys

	NWF Fall	NWF Winter	DORF Fall	DORF Winter
Boy #1	27 (Tier 3)		9 (Tier 3) 56% accuracy	
Boy #2	35 (Tier 2)		24 (Tier 3) 86% accuracy	



Tale of Two Boys

	NWF Fall	NWF Winter	DORF Fall	DORF Winter
Boy #1	27 (Tier 3)	(Tier 1)	9 (Tier 3) 56% accuracy	73 (Tier 1) 96% accuracy
Boy #2	35 (Tier 2)	(Tier 1)	24 (Tier 3) 86% accuracy	74 (Tier 1) 96% accuracy





Questions

- Is the Kansas MTSS process positively impacting reading achievement for Kansas students?
- How does the response of the Special Education population compare to that of all students?



Method

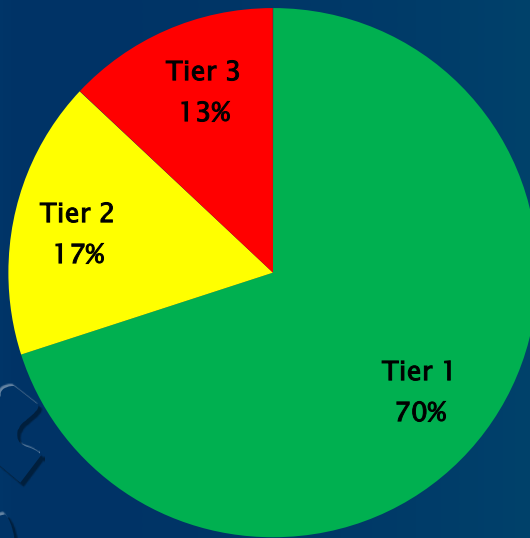
- 2,151 students
- Grades K-6
- 12-16 weeks of intervention
- Small to Mid-Size Kansas schools
- At least 1 year of Implementation without trainer support
- Randomly selected schools who volunteered their data
- Fall and Winter CBM Reading data
- Data based off most predictive indicator for time of year and grade level



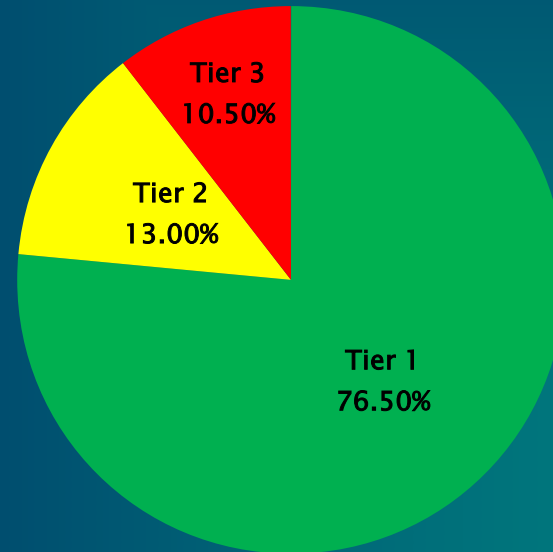
Results

All Students by Tiers

Fall All Students

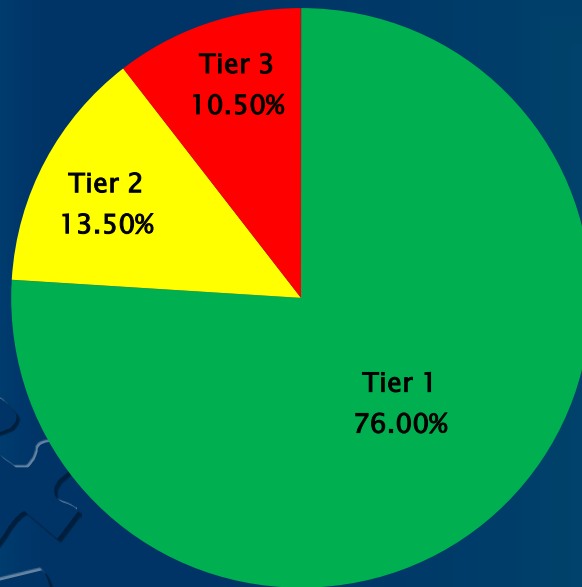


Winter All Students

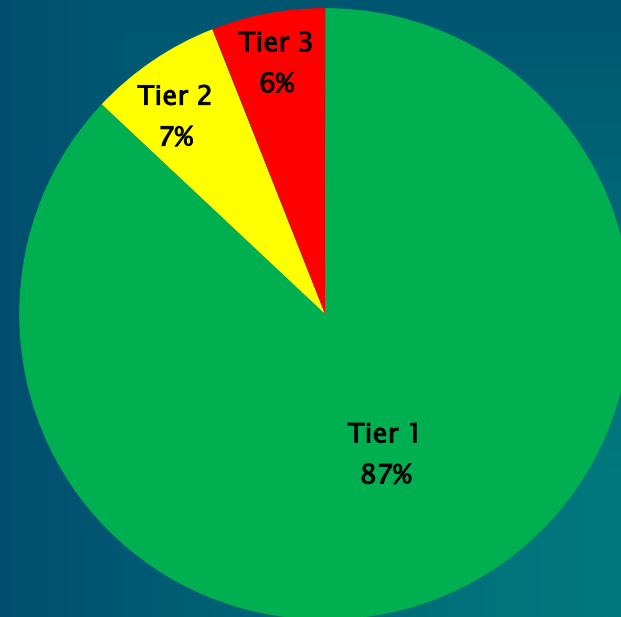


Grade Level Data All Students

Kdgn Fall Data

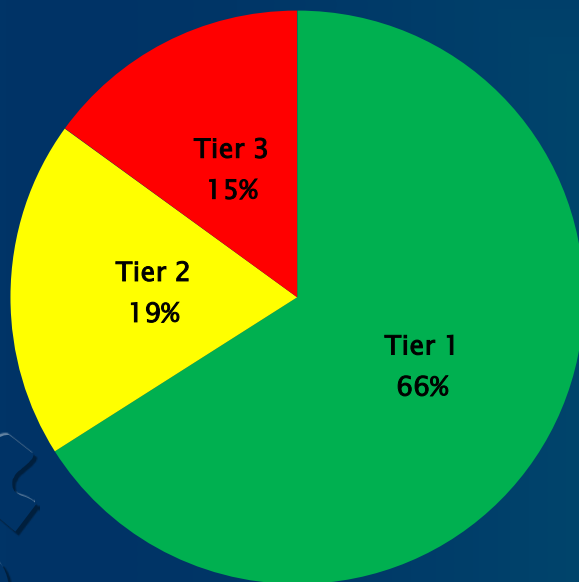


Kdgn Winter Data

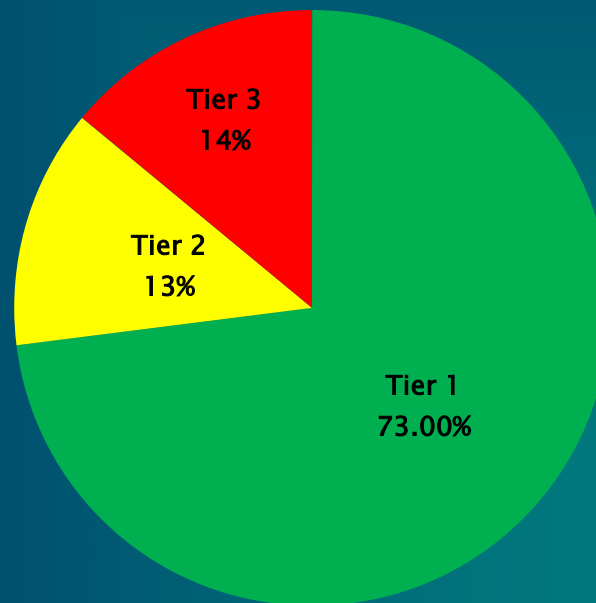


Grade Level Data All Students

2nd Fall Data

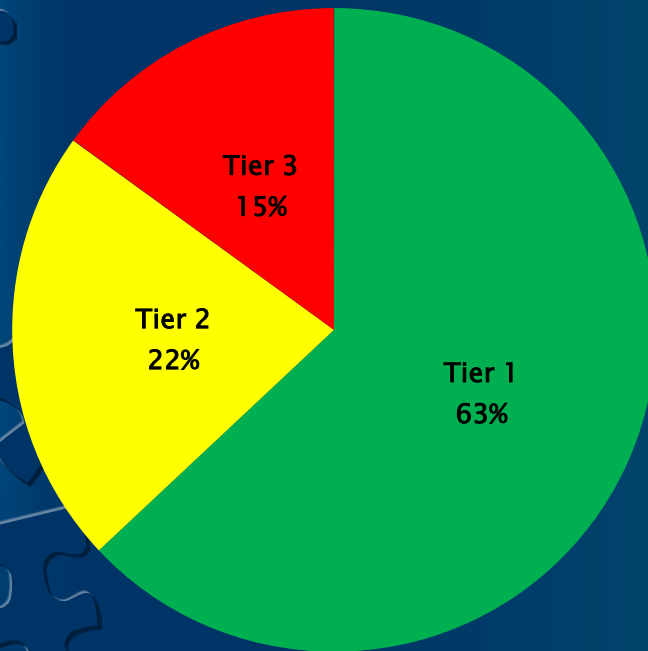


2nd Winter Data

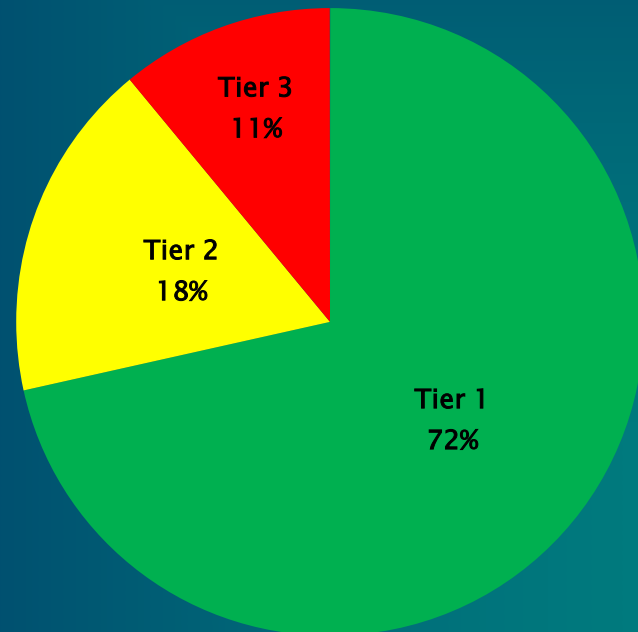


Grade Level Data All Students

4th Fall Data

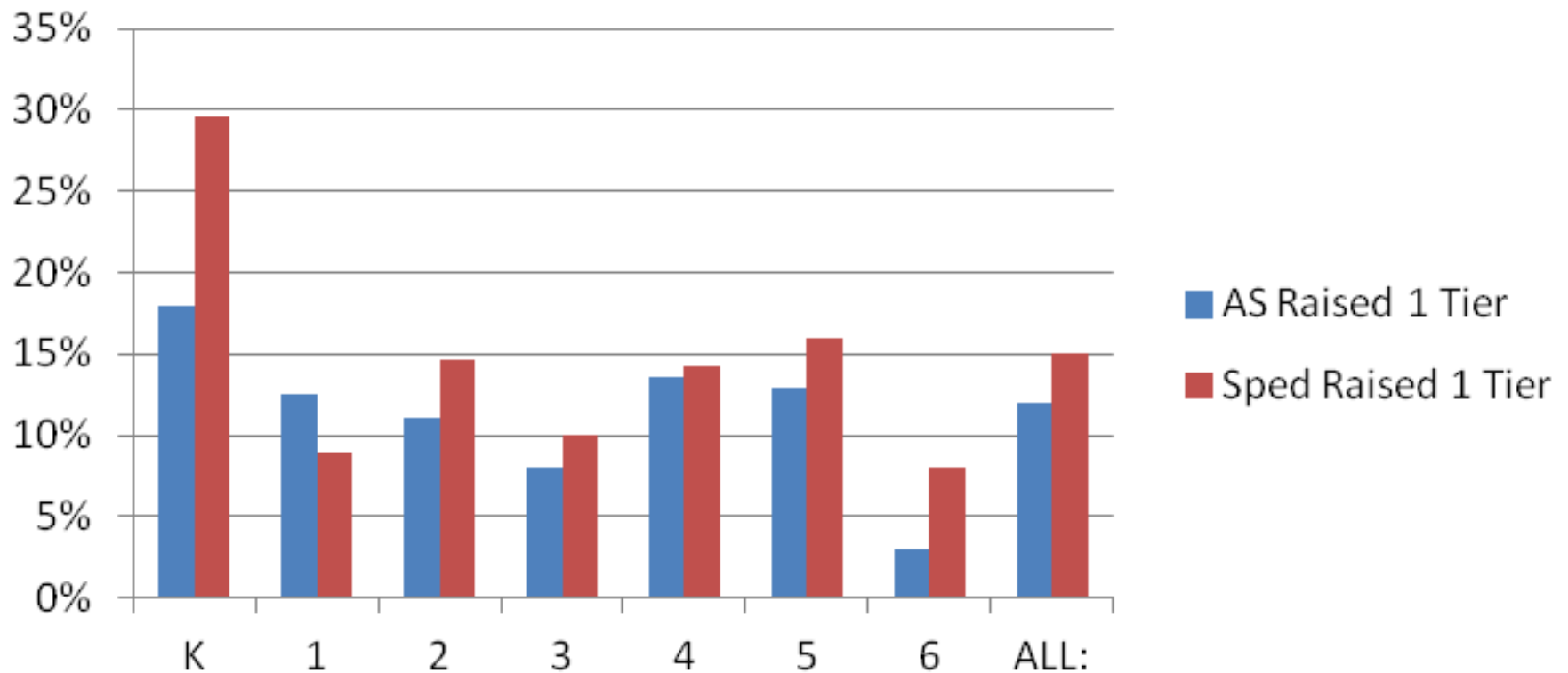


4th Winter Data



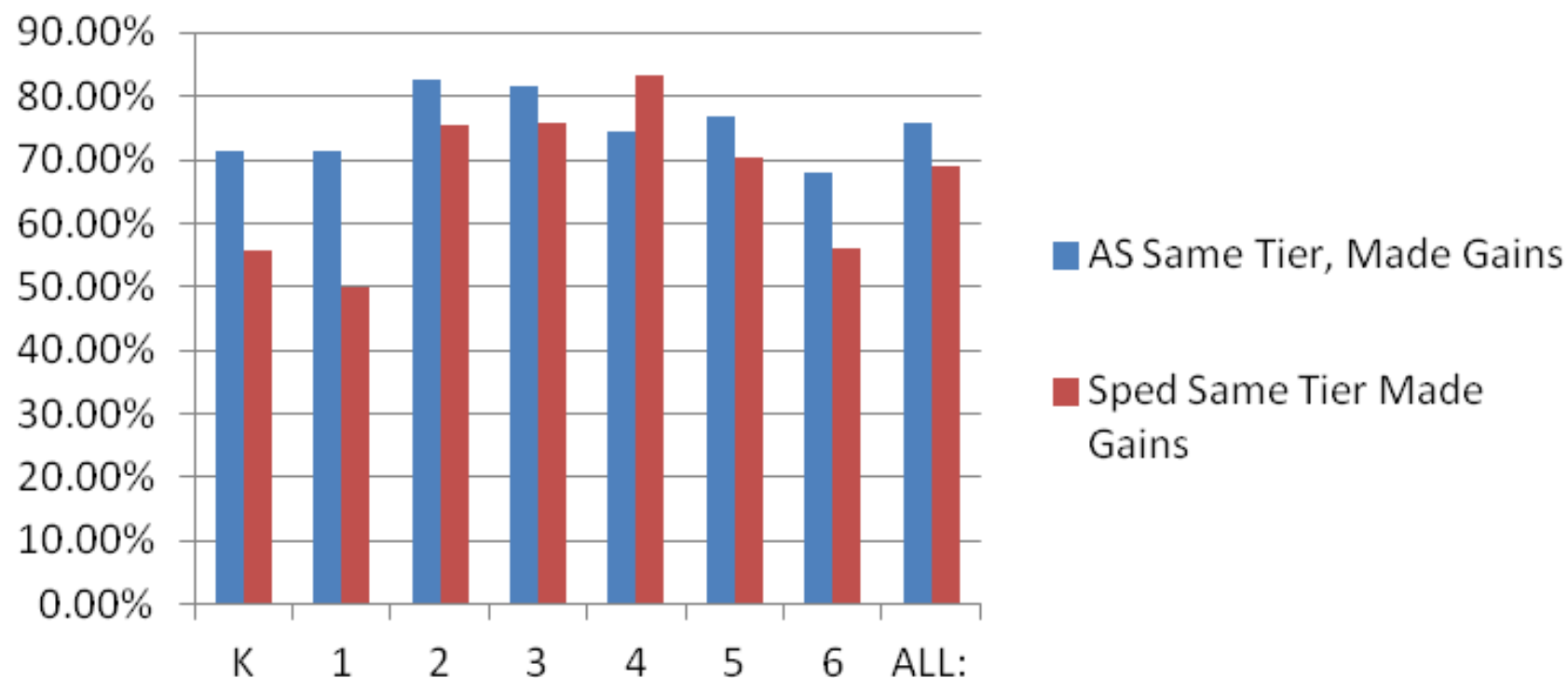
Growth Rate Comparisons

Comparison Data: Raised at Least 1 Tier



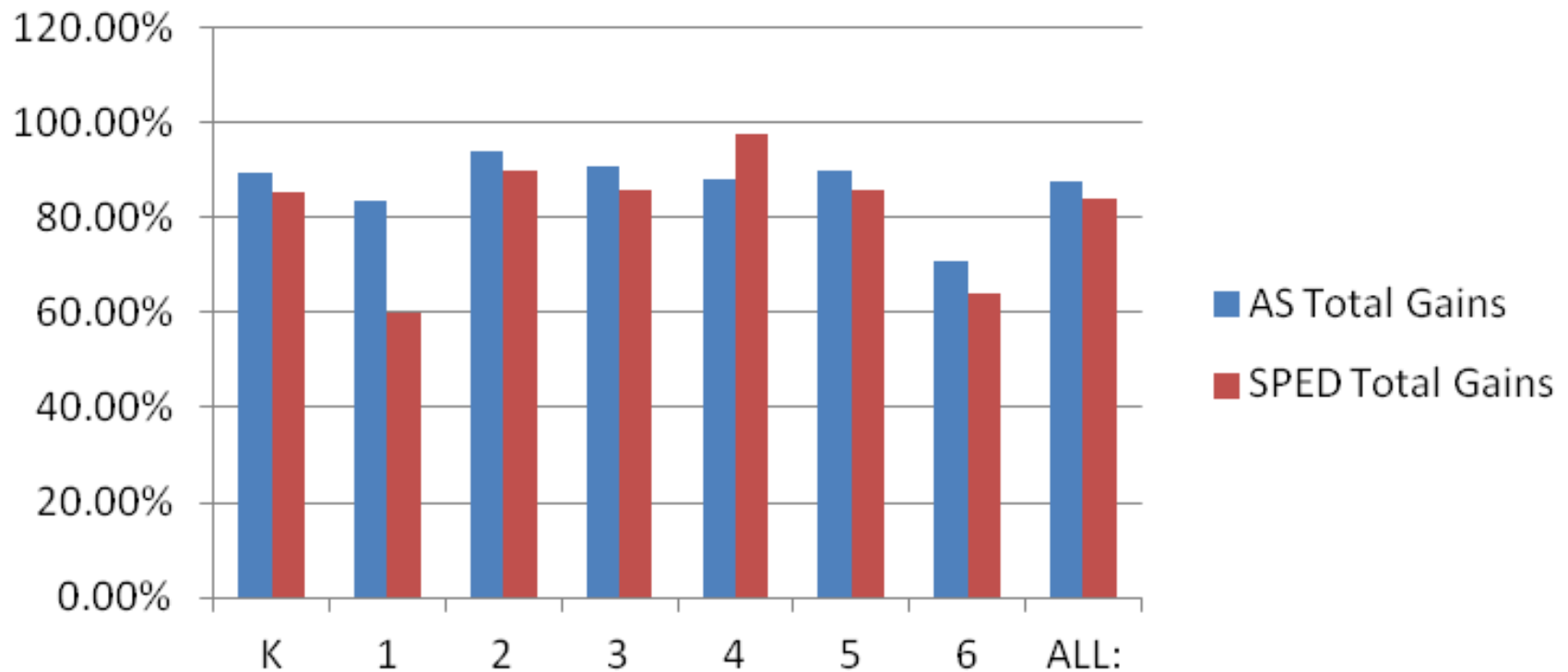
Growth Rate Comparisons

Comparison Data: Made Gains, Same Tier



Growth Rate Comparisons

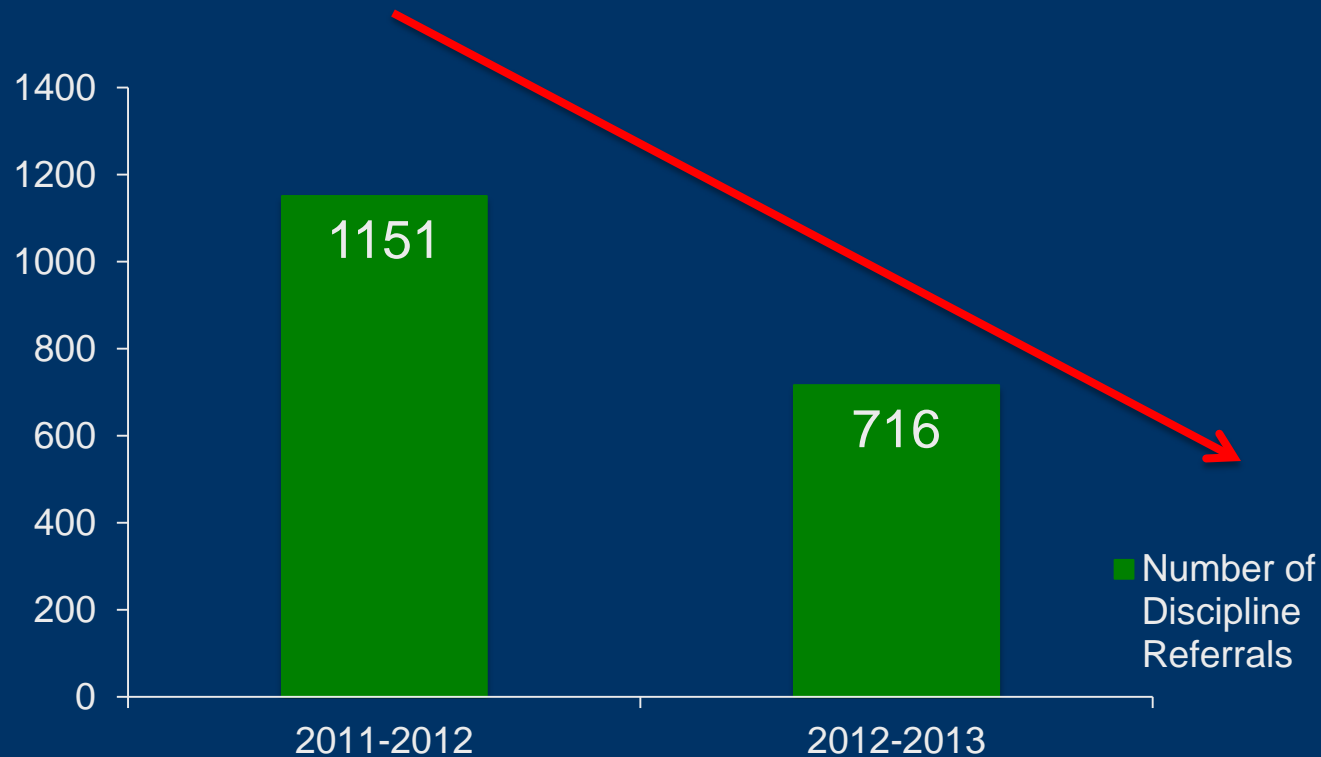
Comparison: Total Students Making Gains



	Tier 1 Fall	Tier 1 Winter	AS Yellow or Red Increase1 + tier	SPED Yellow or Red Increase 1+ tier	AS Same Tier, Made Gains	SPED Same Tier, Made Gains	AS Making Gains in MTSS Process	SPED Making Gains in MTSS Process
K	76%	87%	18%	30%	71%	56%	90%	85%
1	74%	81%	13%	9%	71%	50%	84%	60%
2	66%	73%	11%	15%	83%	76%	94%	90%
3	75%	79%	8%	10%	82%	76%	91%	86%
4	63%	72%	14%	14%	75%	83%	88%	98%
5	61%	66%	13%	16%	77%	70%	90%	86%
6	78%	77%	3%	8%	68%	56%	71%	64%
Total:	70%	77%	12%	15%	76%	69%	88%	84%



MTSS impacts K-12 student behavioral outcomes, including high school.



A decrease in discipline referrals from 1151 to 716 equates to **145 student hours and 181 administrator hours recovered.**



Does Your Data Look Like This?

Fitting Your MTSS Pieces Together
for Student Success



Critical Components of MTSS

- Evidence-based Curriculum
- High Quality Instruction
- Comprehensive Assessment System
- Data-Based Decision Making
- Fidelity of Implementation Efforts



Curriculum


- Establish a Curriculum Protocol
 - Identifies what is used at each Tier for each instructional focus
 - Problem solving as a practice is used to match students to the appropriate intervention from the curriculum protocol

Curriculum Protocol Example Grades PreK-5					
CORE	<ul style="list-style-type: none"> Little Treasures (PreK) Treasures (1st-5th Grade) 				
Differentiation of Core	<ul style="list-style-type: none"> Treasures Leveled Readers Triumphs 				
Tier 2 (Targeted Skills)	<ul style="list-style-type: none"> Interventions for All: Phonological Awareness-Zgonc Road to the Code Start Up 	<ul style="list-style-type: none"> Phonics A-Z (Blevins)/Treasures Decodable Text/Florida Activities Phonics & Word Study/Treasures Decodable Text/Florida Activities West Virginia Website: https://sites.google.com/a/wvde.k12.wv.us/reading-first-information/phonics-lessons/ Build Up Spiral Up Rewards Phonics Blitz 	<ul style="list-style-type: none"> Six Minute Solution Read Naturally 	<ul style="list-style-type: none"> Frayer Model Teaching Vocabulary Through Morphemes 	<ul style="list-style-type: none"> Developing Metacognitive Skills/Six Way Paragraphs Teaching Students to Read Nonfiction (Blevins) Treasures Leveled Readers Additional instruction on Comprehension Strategies presented in the core
(Skills) Tier 3	<ul style="list-style-type: none"> Reading Readiness 	<ul style="list-style-type: none"> Phonic Boost Corrective Reading (Decoding) 	<ul style="list-style-type: none"> Six Minute Solution 	<ul style="list-style-type: none"> Frayer Model 	<ul style="list-style-type: none"> Corrective Reading (Comprehension)
(Comprehensive)	Alphabetic Phonics, S.P.I.R.E				
	Phonological Awareness	Phonics	Fluency	Vocabulary	Comprehension



High Quality Instruction

- Do you know high quality instruction when you see it?
- How do you know?
- How are instructional practices selected?

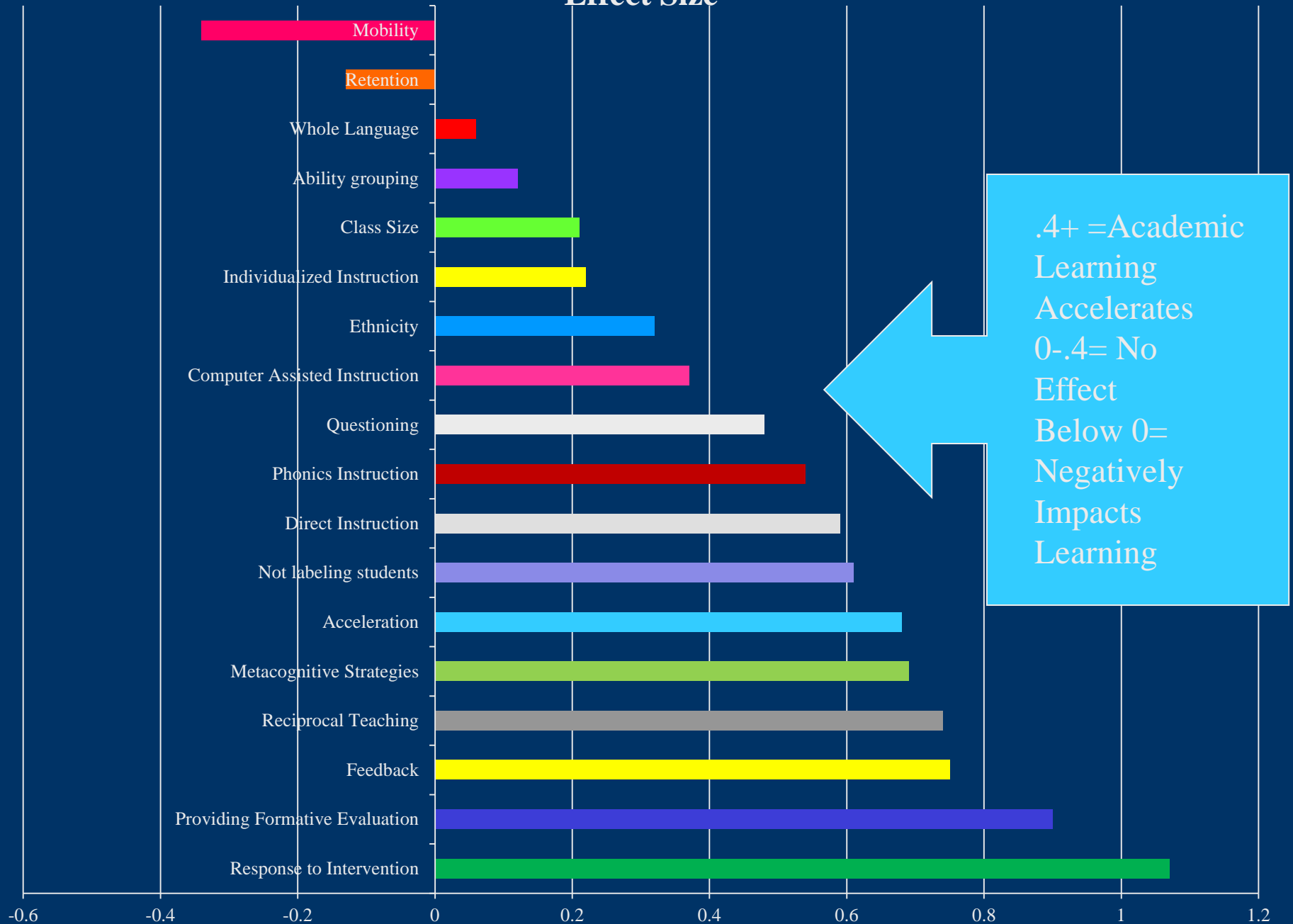


Rank These Practices from Least to Most Effective.....

- Retention
- Class Size
- Response to Intervention
- Direct Instruction
- Computer-Assisted Instruction
- Ability Grouping



Effect Size





Assessment System

- Should have a comprehensive assessment system
 - 1) Universal Screening: CBMs for academics and measures of internalizing and externalizing behavior
 - 2) Progress Monitoring of Core
 - 3) Diagnostic Assessments
 - 4) Progress Monitoring of Interventions
 - 5) Outcome Assessments

Comprehensive Assessment Plan

Comprehensive Assessment Plan - Reading

Universal Screening Assessment				
Assessment Used	Grades	Decision Rules or Cut Points	Areas Assessed	Who is responsible for administration

Diagnostic Processes and Assessments				
Assessment Used	Which Students & Grades	Decision Rules	Areas Assessed	Who is responsible for administration

Progress Monitoring of Core Instruction			
Assessment Used	Which Students & Grades	Areas Assessed	Who is responsible for administration

Progress Monitoring of Intervention				
	Which Students & Grades	Decision Rules	Areas Assessed	Who is responsible for administration



Data-Based Decision Making

- Problem Solving as a practice throughout the system opposed to a title of a team or something done in isolation
- Collaborative Teams and Building Leadership Teams are meeting
- Problem solving is conducted at every level and moves to individual students, as needed

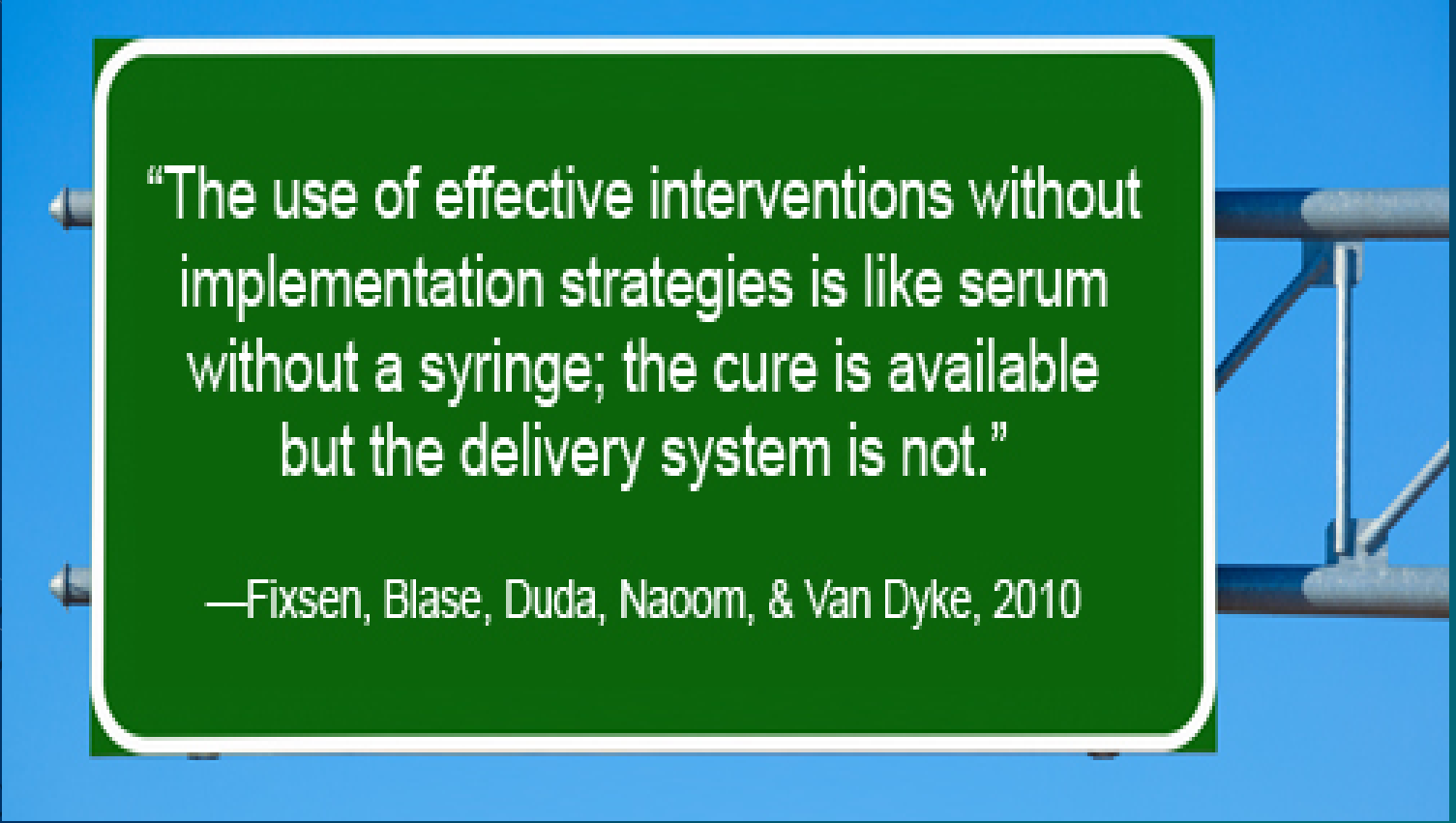
Data-Based Decision Making





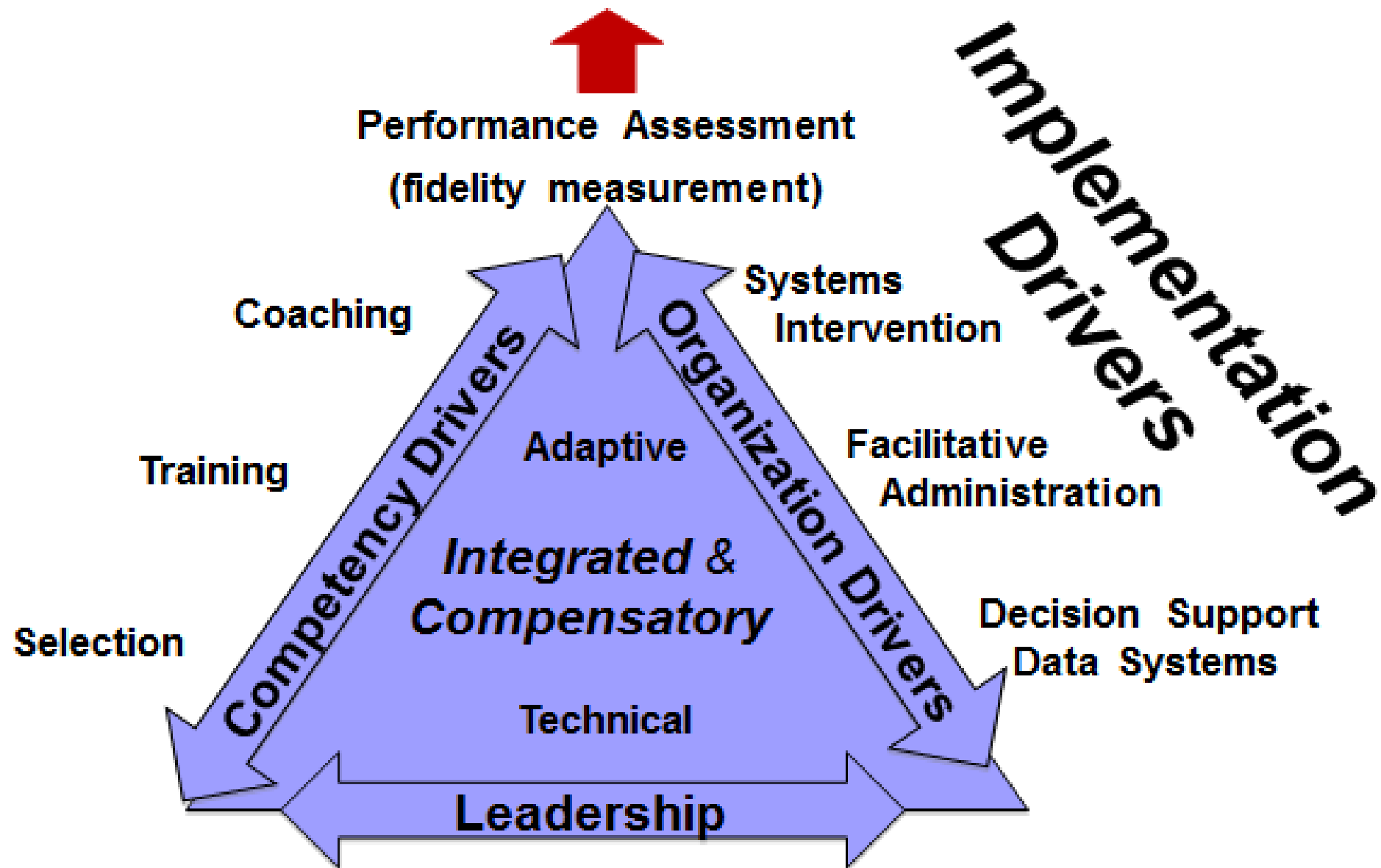
Fidelity of Implementation

Not another “F” word!



“The use of effective interventions without implementation strategies is like serum without a syringe; the cure is available but the delivery system is not.”

—Fixsen, Blase, Duda, Naoom, & Van Dyke, 2010



A decorative graphic on the left side of the slide consists of several interlocking puzzle pieces. The pieces are dark blue with white outlines. They are arranged in a vertical column, with some pieces overlapping. The background of the slide is a gradient of blue, transitioning from a darker blue at the top to a lighter blue at the bottom.

Further Support for Your School in This Process



Refinement Training

- February 12, Smoky Hill, Salina
- March 12, Greenbush, Eudora
- April 1, Southwest Plains, Sublette



How to navigate the website

Links to materials and resources

www.kansasmtss.org

Navigating Our Website

http://www.kansasmtss.org/

File Edit View Favorites Tools Help

two little boys

SEARCH

Home Overview FAQ **Presentations** Resources Training

Professional Development
Instruction Curriculum
Leadership
Assessment
Empowering Culture
FEW
SOME
ALL

Kansas Multi-Tier
System of Supports

Welcome To Kansas Multi-Tier System of Supports
MTSS is a coherent continuum of evidence based, system-wide practices to support a rapid response to academic and behavioral needs, with frequent data-based monitoring for instructional decision-making to empower each Kansas student to achieve high standards.

Find us on Facebook

2012 Kansas MTSS Symposium
[2012 Kansas MTSS Symposium Handouts](#)
[2012 Kansas MTSS Symposium Evaluation Summary](#)

Kansas state department of Education

Updated Kansas MTSS

2:17 PM
3/11/2013

Navigating Our Website

The screenshot shows a web browser window with the URL <http://www.kansasmtnss.org/resources.htm>. The browser's address bar also shows tabs for "CEC Presentation - Dropbox" and "Kansas Multi-Tier System of...". The website has a search bar with the text "two little boys" and a "SEARCH" button. On the left, there are navigation links: "» Behavior", "» Math", and "» Reading". The main content area displays a table of resources with columns for "Description" and "Date".

Description	Date
Kansas MTSS Innovation Configuration Matrix (ICM) [Version 3.1 Updated July 2012]	PDF July 2012
Kansas MTSS Research Base	PDF Nov 2009
Kansas MTSS Training Descriptions	PDF Aug 2011
Kansas MTSS Structuring Guides	
Kansas MTSS: Structuring Guide Module 1	PDF June 2012
Kansas MTSS: Structuring Module 2 Reading	PDF June 2012
Kansas MTSS: Structuring Module 2 Math	PDF June 2012
Kansas MTSS: Structuring Module 2 Behavior	PDF June 2012
Kansas MTSS: Structuring Module 3	PDF June 2012
Kansas MTSS: Decision Notebook Tools	ZIP June 2012
Kansas MTSS Implementation Guides	
Kansas MTSS: Building Leadership Team System Implementation Guide	PDF June 2012
Kansas MTSS: Building Leadership Team Implementation Reading	PDF June 2012
Kansas MTSS: Collaborative Team Workbook Reading	PDF June 2012
Kansas MTSS: Preschool Reading Option 1	PDF Sept 2012
Kansas MTSS: Preschool Reading Option 2	PDF Sept 2012
Kansas MTSS: Building Leadership Team Implementation Math	PDF June 2012
Kansas MTSS: Collaborative Team Workbook Math	PDF June 2012
**Single Skill Math CBM Probes	ZIP June 2012
Kansas MTSS: Implementation Behavior	PDF June 2012
Kansas MTSS Briefs	

The Windows taskbar at the bottom shows the time as 2:18 PM on 3/11/2013. The taskbar includes icons for Internet Explorer, File Explorer, Mail, and several other applications.

“Like” Us on Facebook



Kansas MTSS
200 likes

Education
This Facebook page is designed to keep teams up to date on resources and opportunities available to support your MTSS.

About – Suggest an Edit

Photos Likes

Highlights

Post
Write something...

Kansas MTSS shared a link.
October 21

Check out the Top Ten Things You Should Know About Reading

11 Friends
Like Kansas MTSS

Invite Your Friends to Like This Page
Type a friend's name... **Invite**

TASN Project

Screenshot of the TASN Project website (http://www.ksdetasn.org/cms/) displayed in a web browser window.

The browser window shows the address bar with the URL <http://www.ksdetasn.org/cms/> and the page title "CEC Presentation - Dropbox". The search bar contains the text "two little boys".

The website header features the TASN logo (Kansas Technical Assistance System Network) and a navigation menu with links: Home, About TASN, Request Assistance, Current Providers, Calendar, Conference Materials, and Contact Us.

The main content area includes:

- Quick Links:** KSDE SES, Kansas Learning Network (KLN), IEP/Training/Coaching Resources, Kansas LETRS Training Information, Kansas Multi-Tier System of Supports (MTSS), SISEP/NIRN, Evaluation and Eligibility Resources, and Kansas Common Core Standards.
- Making connections to improve outcomes.** Kansas' Technical Assistance System Network (TASN) provides technical assistance to support school districts' systematic implementation of evidence-based practices.
- To request assistance, please click the button below and complete the form. You will be contacted within five business days.** A prominent blue button labeled "Request Assistance" is displayed.
- Upcoming Conferences:** 2013 Winter Leadership Conference, February 20, 2013, Hyatt Regency Wichita, Kansas. Click for more information.
- Upcoming Professional Development Opportunities:** Professional Development Calendar.

The Windows taskbar at the bottom shows the system clock as 2:27 PM on 3/11/2013.

Tale of Two Boys: A Call to Action



Think of where your school is with implementation of MTSS in relation to the critical components – what is your next step? What will you do next week to move your school forward?



Contact Information

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