

MULTI-TIERED SYSTEM OF SUPPORT (MTSS)



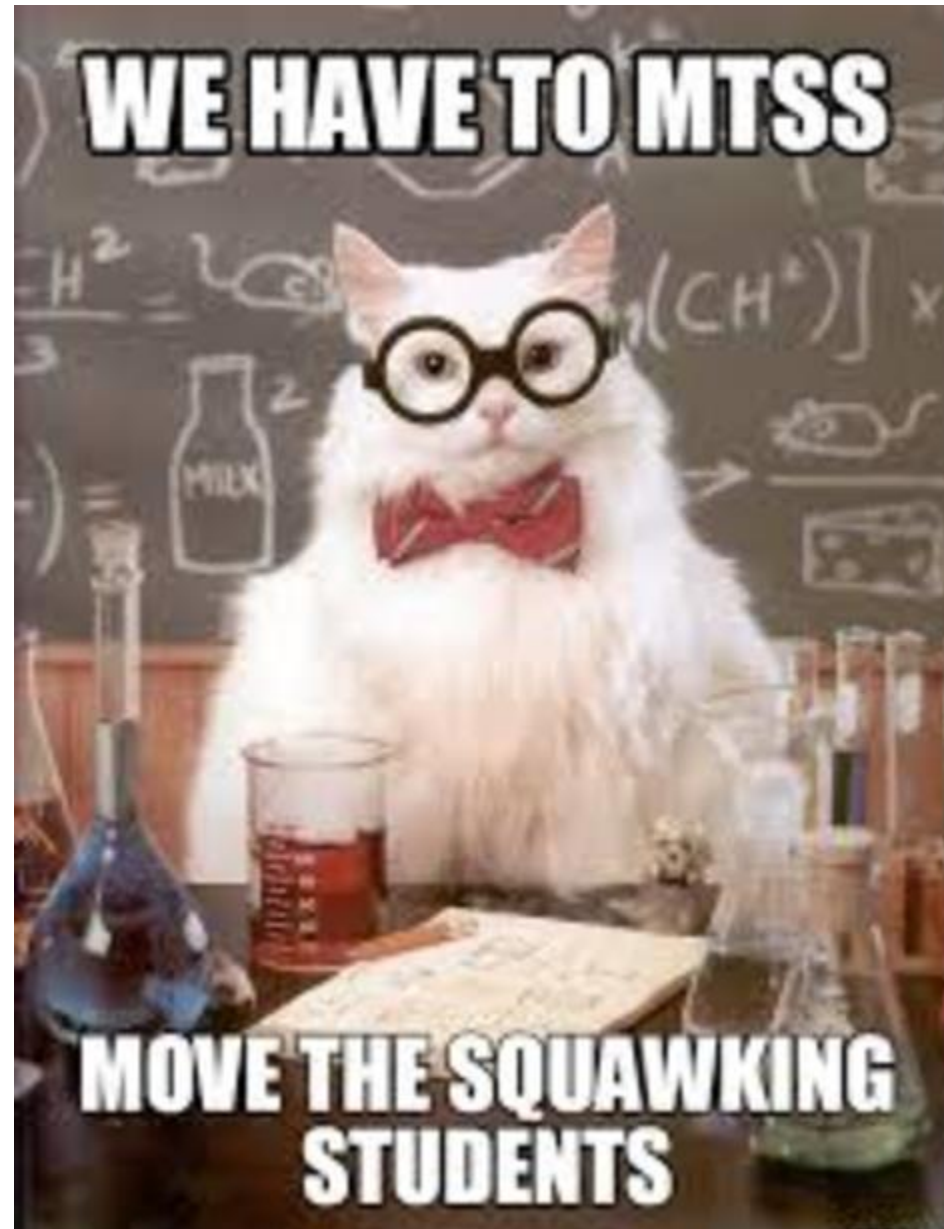
Tier 3

Nelsonville Elementary



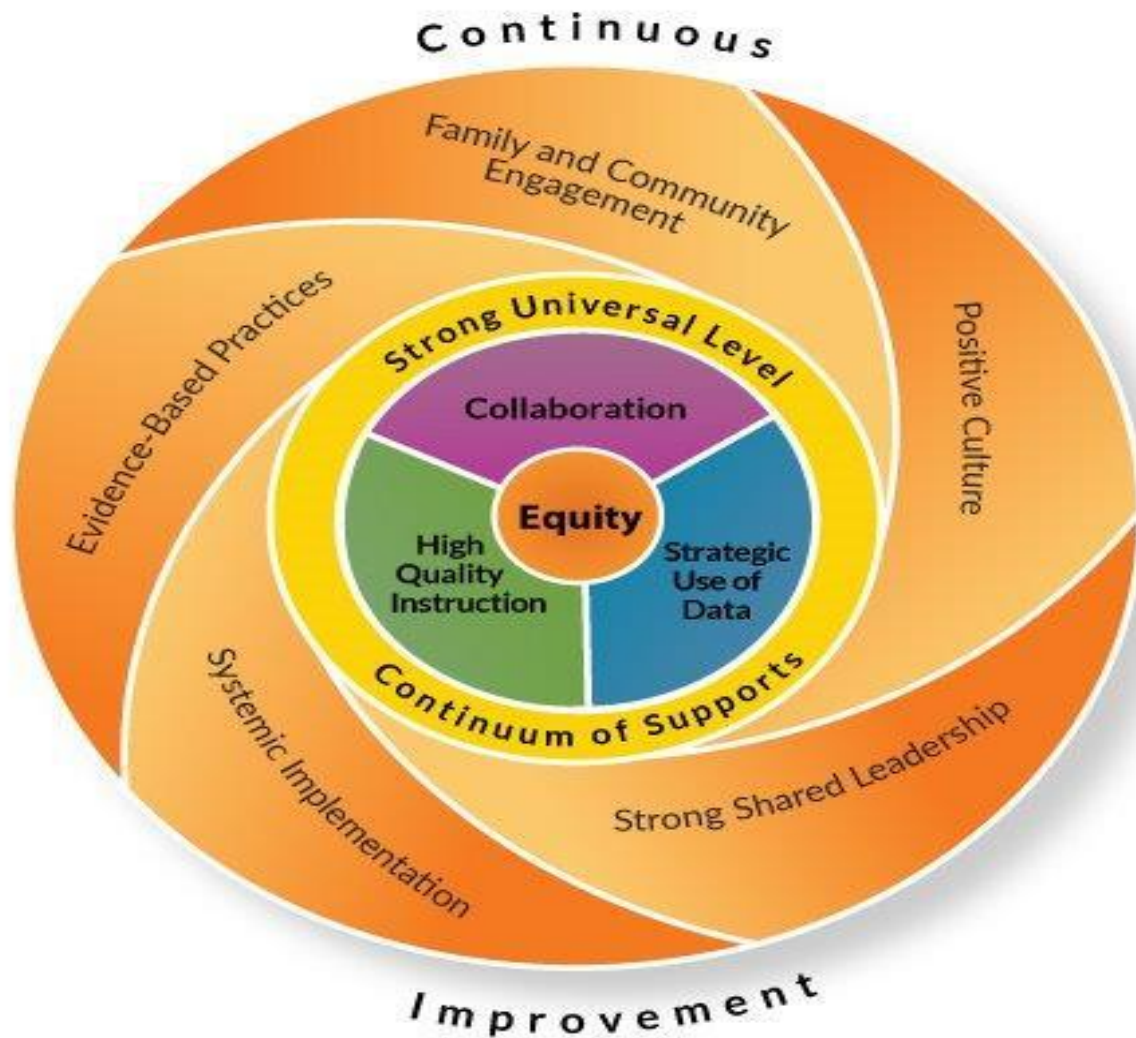
Agenda

- Brief Overview of MTSS
 - What and Why
 - Tiers
- Problem Solving Process
- SLD Requirements





What is MTSS?





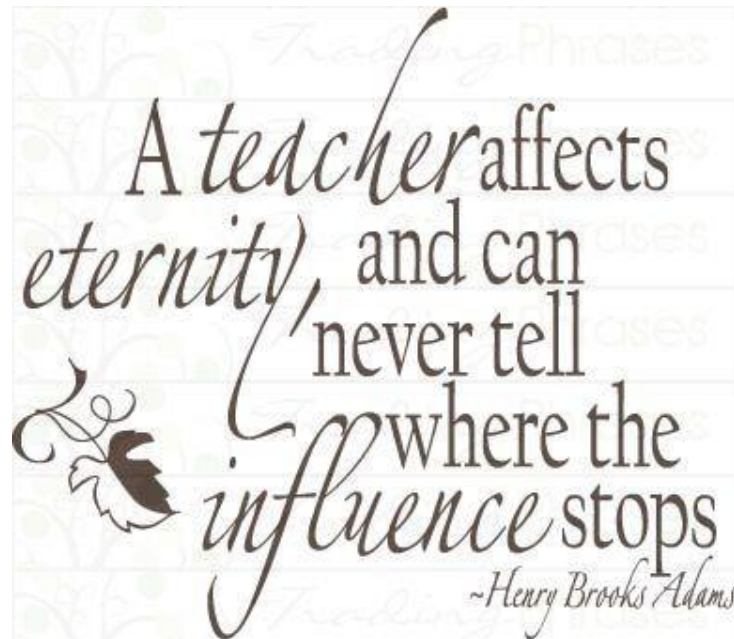
Why MTSS?

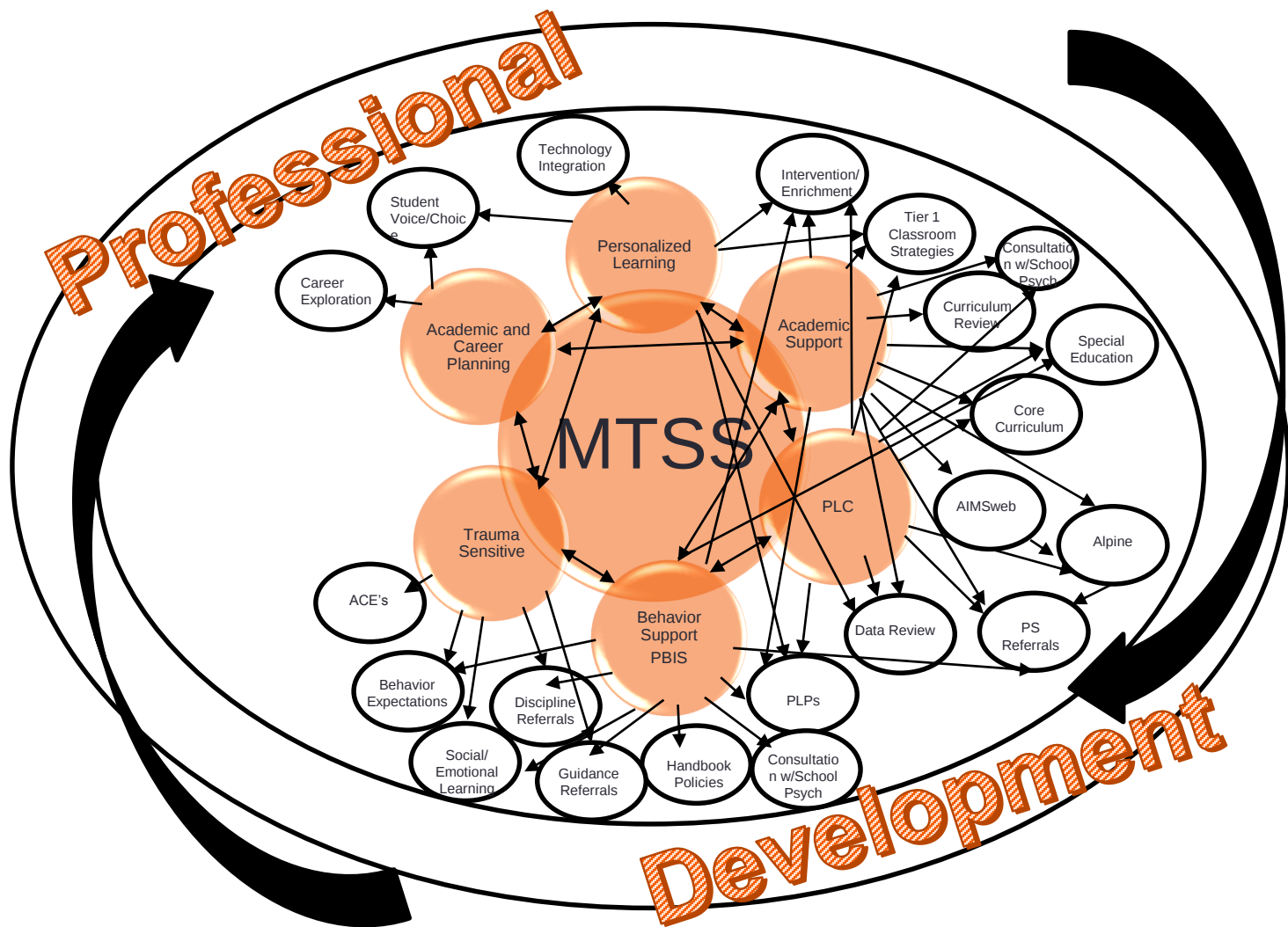
- The MTSS framework is what allows us as educators to:

“make a difference in the lives of children”

“to help students reach their full potential”

“To be a part of those “aha” moments”







MTSS Model

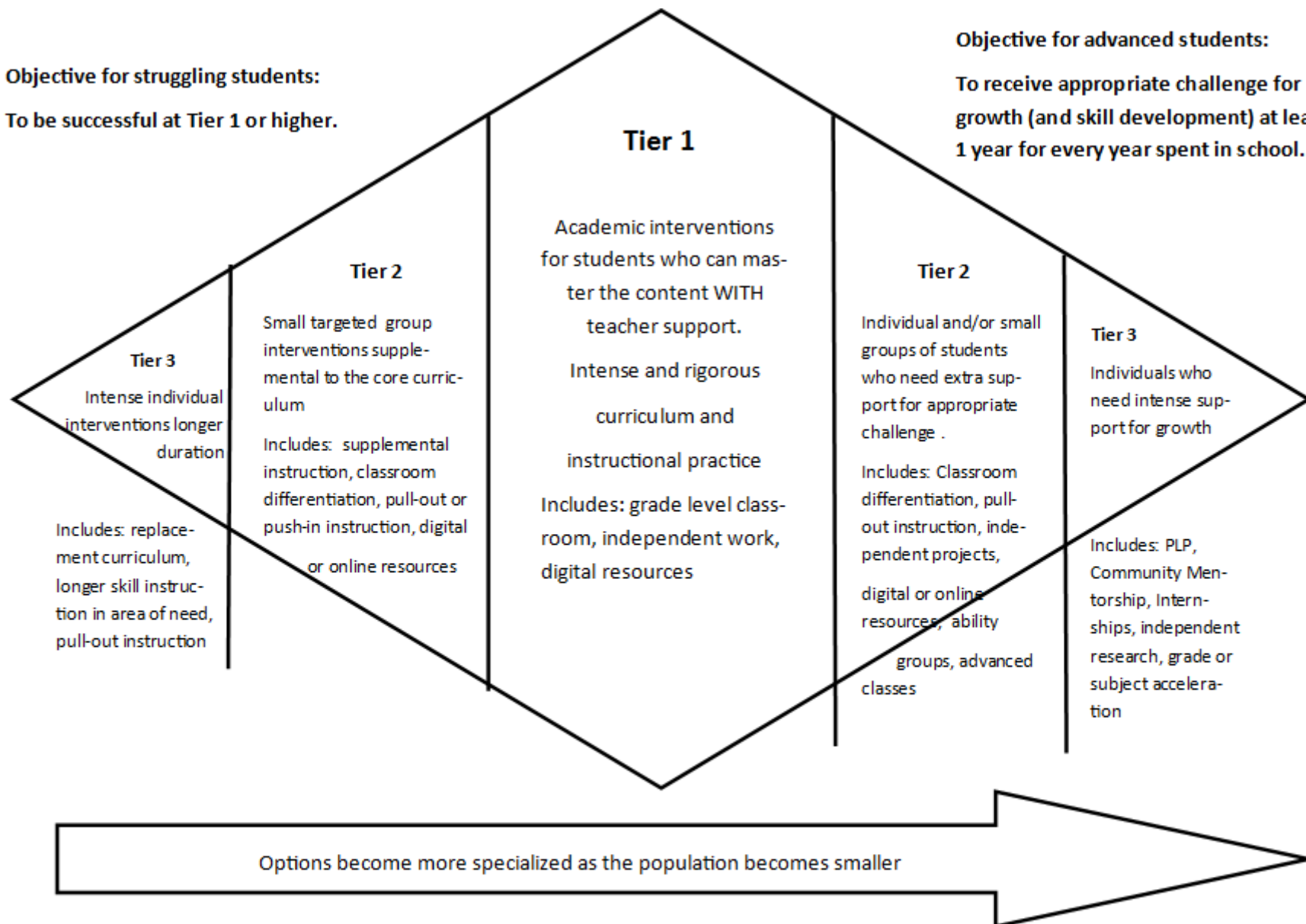
Tier I:	Tier II:	Tier III:
High Quality Core Instruction (Best Practices) (Support for students)	Supplemental Instruction (Intervention) (Treatment for students)	Individualized Intensive Instruction (Intervention) (Treatment for students)

-----Intensity of Intervention----->



Objective for struggling students:
To be successful at Tier 1 or higher.

Objective for advanced students:
To receive appropriate challenge for growth (and skill development) at least 1 year for every year spent in school.





MTSS Framework: Tier 1

- **Tier 1** – high-quality, research-based instruction made up of a standards driven curriculum. It is made up of the following:
 - **High Quality Instruction** – engaging, standards-based, data-driven, and research-based instruction which are grounded in culturally responsive practices
 - **Culturally Responsive Practices** – account for and adapt to the broad diversity of race, language and culture in Wisconsin schools and prepare all students for a multicultural world
 - **Curriculum** – is what is taught, including scope, sequence, pacing, materials, rigor, format, relevance (provide examples, such as, Imagine It! of our curriculums)
- **Assessment**
 - Universal screening– AIMSweb; PALS (4k-2nd);Lexiles (2nd – 6th)
 - **Screening** – *testing to determine if a student is sufficiently different (discrepant) such that more intensive intervention may be required*
 - **Universal Screening** – *Testing of ALL students to identify at-risk*
 - **Benchmark Assessment** – *combines screening and progress monitoring (it is both)*
 - State assessments – Forward (3rd – 6th)
 - Classroom performance (formative and summative)
 - Record reviews



MTSS Framework: Tier 1

- Problem-Solving
 - Grade Level Teams (PLC)
 - utilize and review grade/content level data to determine how students are progressing toward standards
- Data drives instruction!
 - Constant review of formative assessments
 - Helps determine differentiation and flexible groups
- MTSS building teams should review school wide data trends to help determine supports needed

Teams	Data Reviewed
PLC Team	Use screening data to triage students to tiered interventions; review of data
MTSS Building Team	Review school level achievement & behavior support data to determine effects and needs

*Adapted from “Supporting High Quality Implementation of MTSS: Nobody Said It would be “Easy” presentation by Mark Shinn, Ph.D. on February 15, 2016



MTSS Framework: Tier 2

- Instruction (10-15% of students)
 - instruction is provided in unison with the core curriculum
 - Supplemental or strategic support
 - **Supplemental Intervention** – *curriculum and instruction practices that are provided to SOME students IN ADDITION to the routine*
 - Meant for students who are deemed at-risk for failure, low-performing or needing enrichment
 - Implies a small group of three to five students for 20-40 minutes, at least three to five days a week.
 - **Intervention** – a systematic use of a technique, practice, or program designed and shown to improve learning in specific areas of student need. An intervention teaches skills to help students overcome specific deficits or maladaptive response patterns. Interventions require a targeted assessment, planning, and data to be effective; consideration is given to the nature of the problem (skill deficit vs. performance deficit).



MTSS Framework: Tier 2

- Assessment
 - **Progress Monitoring** - is used to assess students' academic performance to quantify a student rate of improvement or responsiveness to instruction, and evaluation the effectiveness of instruction

- Example: AIMSweb
- Done on bi-weekly or weekly basis

**For an SLD referral: must be weekly*



- **Fidelity** – is the degree to which an intervention or instruction is delivered as planned with accuracy and consistency
 - Fidelity Logs & Checks



MTSS Framework: Tier 2

- Problem-Solving
 - Grade Level Teams (PLC)
 - utilize and review grade/content level data to determine how students are progressing toward standards
 - Data drives instruction!
 - Constant review of formative assessments
 - Helps determine differentiation and flexible groups
 - Problem Solving Team might be utilized to determine effective interventions for students

Teams	Data Reviewed
PLC Team	Use screening data to triage students to tiered interventions; review of data
Problem Solving Team	Review achievement behavior support data to determine effects and needs for students



MTSS Framework: Tier 3

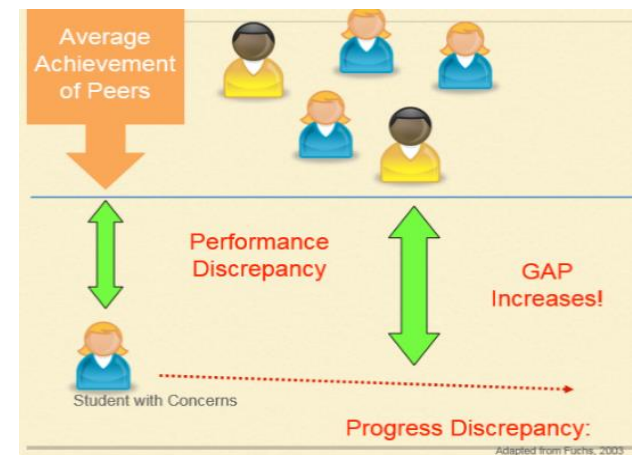
Instruction (1-5% of students)

Tier 3 – individualized, intensive instruction for students with significant underachievement; intensive, skill specific interventions in one-on-one or small group instruction that is either supplemental or supplanted.

- This implies smaller instructional group sizes, longer daily sessions and intervention over a longer term*
- Example: Replacement curriculum in special education
- **Intensive Intervention** – a systematic use of a technique, program, or practice designed to improve learning or performance in a specific area of need

Assessment

- Progress monitoring on a weekly basis



*(Shinn, M. R., PhD, & Walker, H. M., PhD (Eds.). (2010). *Interventions for Achievement and Behavior Problems in a Three-Tier Model Including RtI*. Bethesda, MD: National Association of School Psychologists.)



MTSS Framework: Tier 3

- Problem-Solving
 - Problem Solving Team utilized to determine effective interventions for students
- Special Education Referral

Teams	Data Reviewed
Problem Solving Team	Review achievement behavior support data to determine effects and needs for students
Special Education Referral	Review achievement behavior support data to determine effects and needs for students and if they meet criteria for a disability



Nelsonville's Problem Solving Process

Referral is Made

Referral can be made by parent or teacher

Referral is completed on referral form

Referral form is given to Mrs. Ulrich/Ms. Ostrowski



Problem Solving Meeting is Scheduled

Char & Jenna review referral

Meeting scheduled for upcoming 1st Thursday of month

Before meeting, Jenna gathers data needed



Meeting is held

Participants review data, following problem solving steps

Participants determine next steps (intervention, other)

All information is recorded on intervention tab of Alpine



Assigned parties complete intervention, collecting relevant data

Fidelity checks are completed during this time by Char

Observations are completed by Jenna



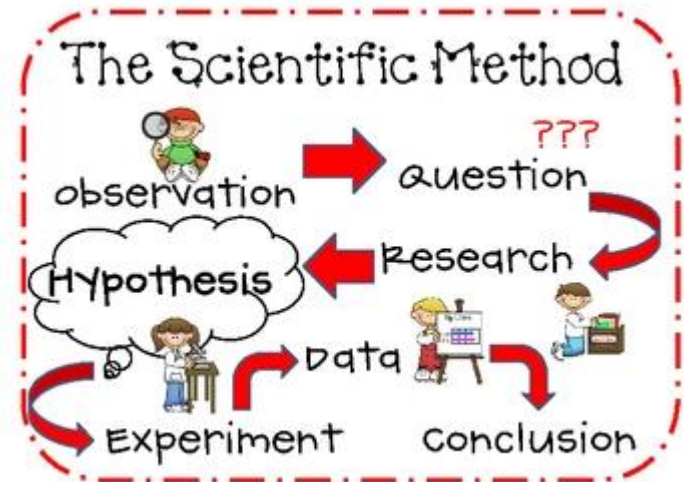
After set period of time, team reconvenes and reviews progress monitoring data

Team makes decision on how to proceed next (i.e., continue with intervention, change intervention, discontinue with intervention)



Problem Solving Process

1. Problem Identification (What's the problem?)
2. Problem Analysis (Develop hypotheses, why is it happening?)
3. Plan Development
 - a) Intervention determined
 - b) What assessment will be used?
 - c) What is the intended goal?
4. Plan Implementation
5. Plan Evaluation (Did it work?)





Plan Development

- Interventions:
 - **Intervention** – the systematic use of a technique, practice, or program designed and shown to improve learning in specific areas of student need
 - Remember – supplemental *INSTRUCTION* to core





Goal Statement

- Goal statement will address the hypothesis question
- The goal(s) should be specific, including baseline data, what the desired outcome should be and within what timeframe it will be completed
- Goal statements should be written using the following formula: “By _____ (date), Sally will have increased within the area of reading fluency from 28 words per minute (the problem) to _____.”



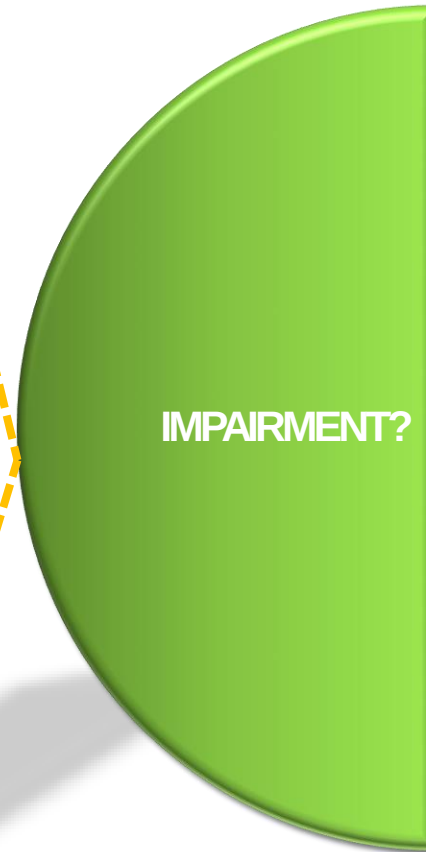
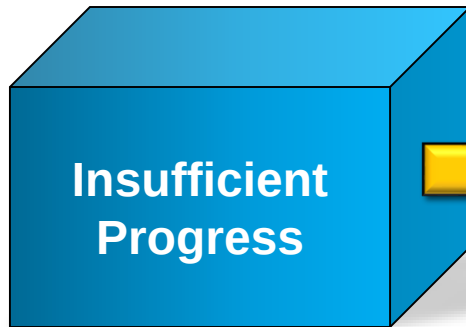
Form Review

- Alpine
 - Intervention Tab
 - PLP Tab



Specific Learning Disability & MTSS

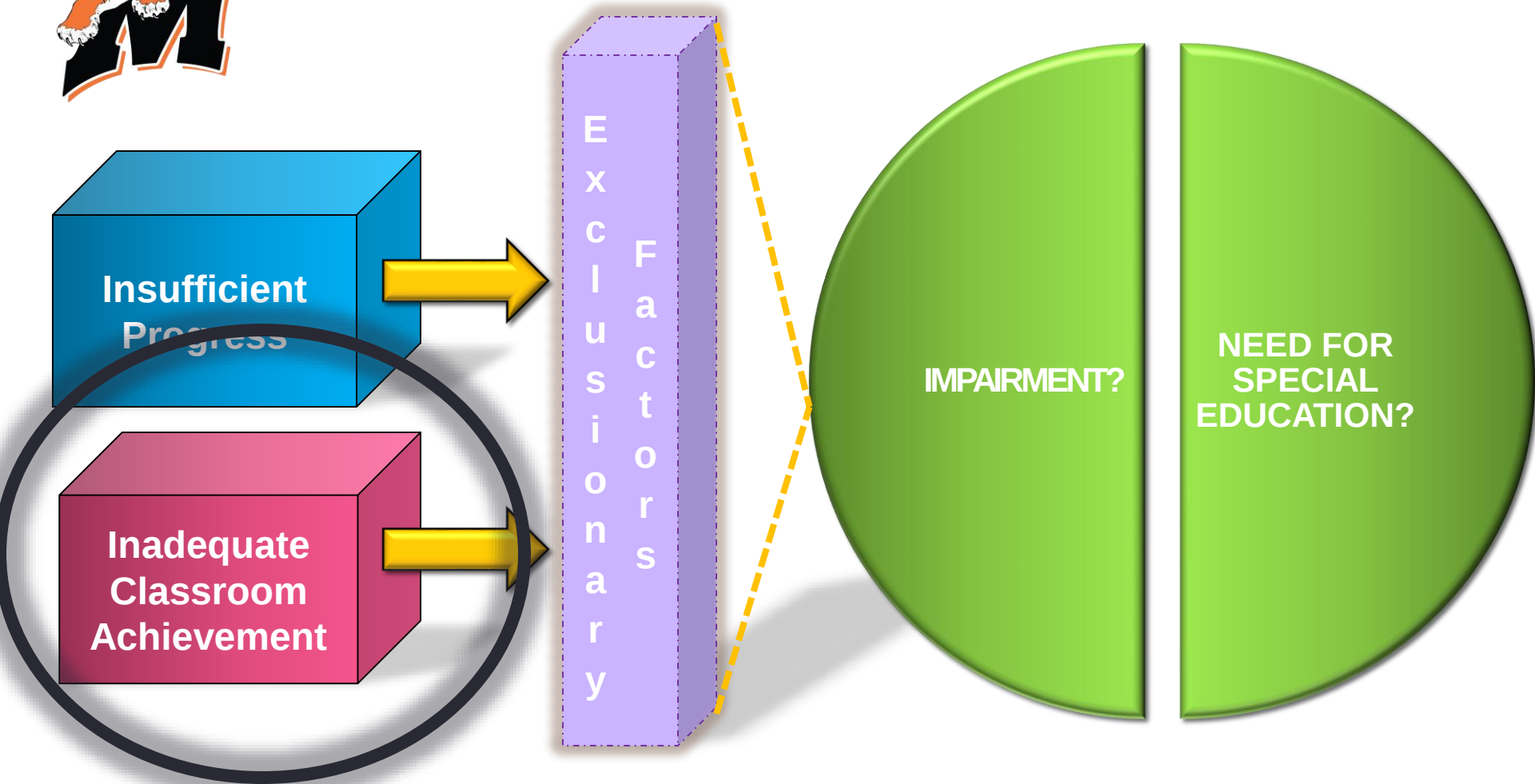
- Overview of the Specific Learning Disability (SLD) criteria
- No more discrepancy (15 point difference between IQ score and academic achievement score), unless the student is:
 - Parentally placed in private school
 - Or receives home based private education





Specific Learning Disability & MTSS

- 8 areas of SLD
- Have to rule out Exclusionary Factors:
 - Environmental or economic disadvantage
 - Lack of appropriate instruction
 - Limited English Proficiency
 - Other Impairments

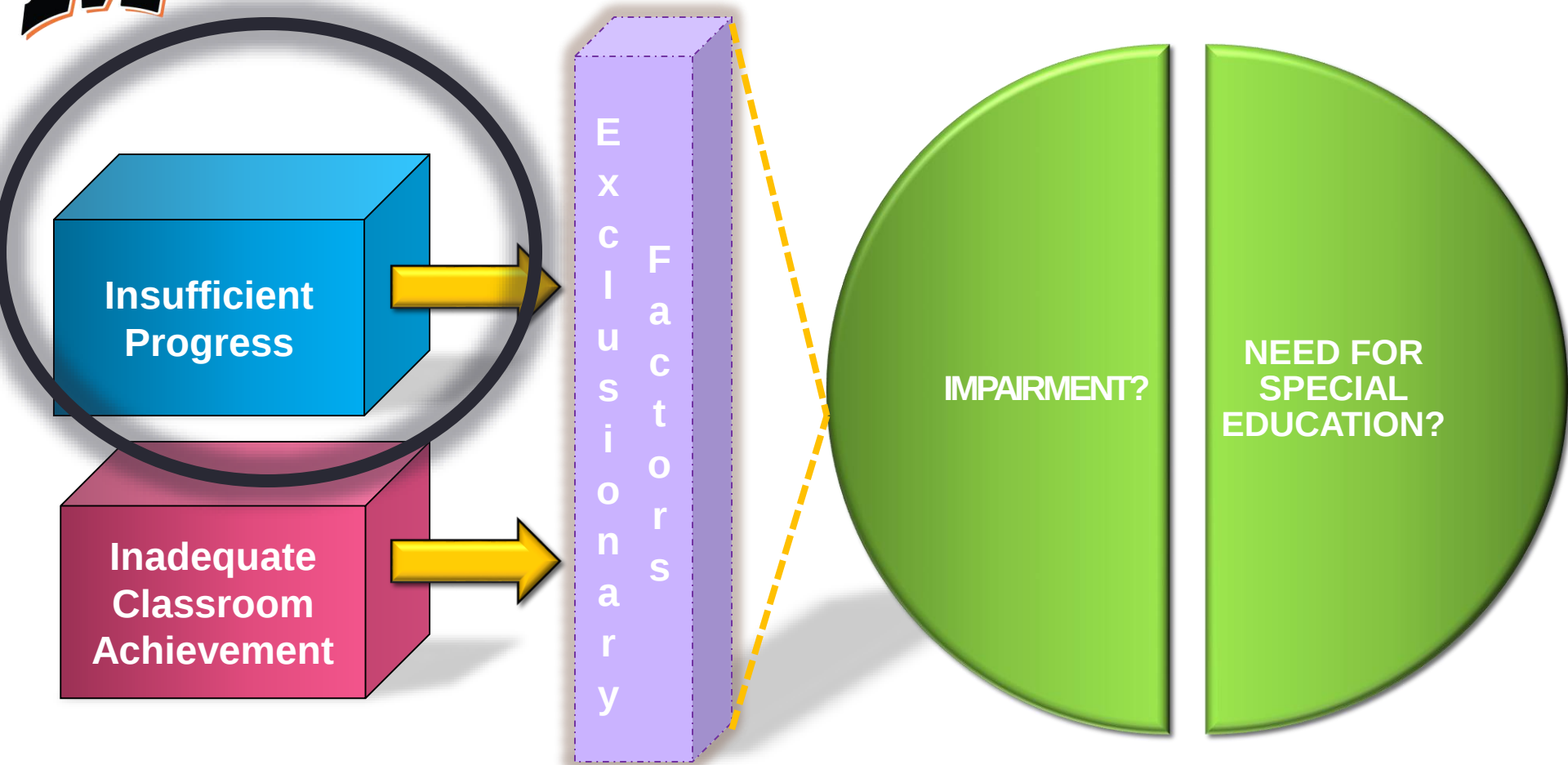




Specific Learning Disability & MTSS

- 1.25 SD cut score on reliable/valid test.
 - Mean of 100 = 81.25
 - Mean of 10 = 6.25
- Must be administered **after intensive intervention**
- Same cut score standard applies regardless of intellectual ability.
- Applies to each area of potential concern.

PI 11.36(6)(6)1.





Specific Learning Disability & MTSS

The child does not make sufficient progress to meet age or state-approved grade-level standards in one or more of the 8 areas when using a process based on the child's response to intensive scientific, research-based or evidenced based **interventions**

The IEP team shall consider **progress monitoring** data from at least **two** intensive interventions, implemented with adequate fidelity and closely aligned to individual student learning needs.



Will this intervention count?

- Technique, program or practice
 - Scientific, research or evidenced-based
 - Individual or small group
 - Focused on single or small numbers of discrete skills
 - Substantial numbers of instructional minutes in addition to those provided to all pupils
 - Closely aligned to individual learning needs (area of concern)
 - Implemented with adequate fidelity
 - Culturally responsive
-
- All interventions on the district MTSS website “count”



Will this intervention count?

- Must have 2 interventions in each area of concern
- Interventions can overlap areas for example reading fluency and comprehension can be same intervention
- Looking at about 18 weeks of intervention (9 weeks each intervention)



Progress Monitoring for SLD

- A scientifically based practice to assess student response to intervention
- Requires the use of valid and reliable tools (probes)
 - Brief, direct measures of specific academic skills
 - Multiple equal or nearly equal forms
 - Sensitive to small changes in student performance
 - Provides valid, reliable measures of performance during intervention. PI 11.02 (9)



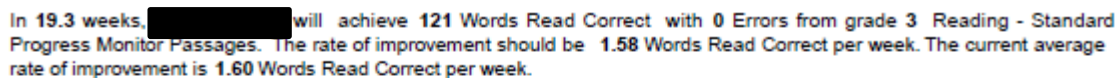
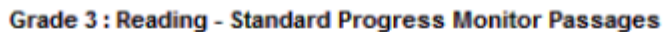
Progress Monitoring for SLD

- Using AIMSweb – meets the requirements
- Allows for comparison of age level peers
- Goals set for the 25%ile nationally
- Determines trend (slope)



Progress Monitoring for SLD

- Establish a baseline – median score of 3 probes
- Goal set at 25th percentile Implement intervention for 9 weeks
- Collect weekly or more frequent p.m. data
- Meet with school psychologist, data team if possible after 9 weeks (Problem Solving team reconvenes)
- Make a decision based on trend line and goal (Is the intervention working, is student progressing?)
- Repeat the process if not making progress
- Refer for SLD after talking to problem solving team/psych

[illegible]



How do we determine insufficient progress?

- The student's progress needs to be accelerated beyond that of students who are meeting expectations. **OR**
- Can you expect the gap between the student's achievement and grade level expectations to close in a reasonable period of time?
OR
- If the student's progress is showing reasonable acceleration, the IEP team still needs to consider if the student's progress, **as depicted by the trend line**, is sufficient and sustainable given the resources available in general education.



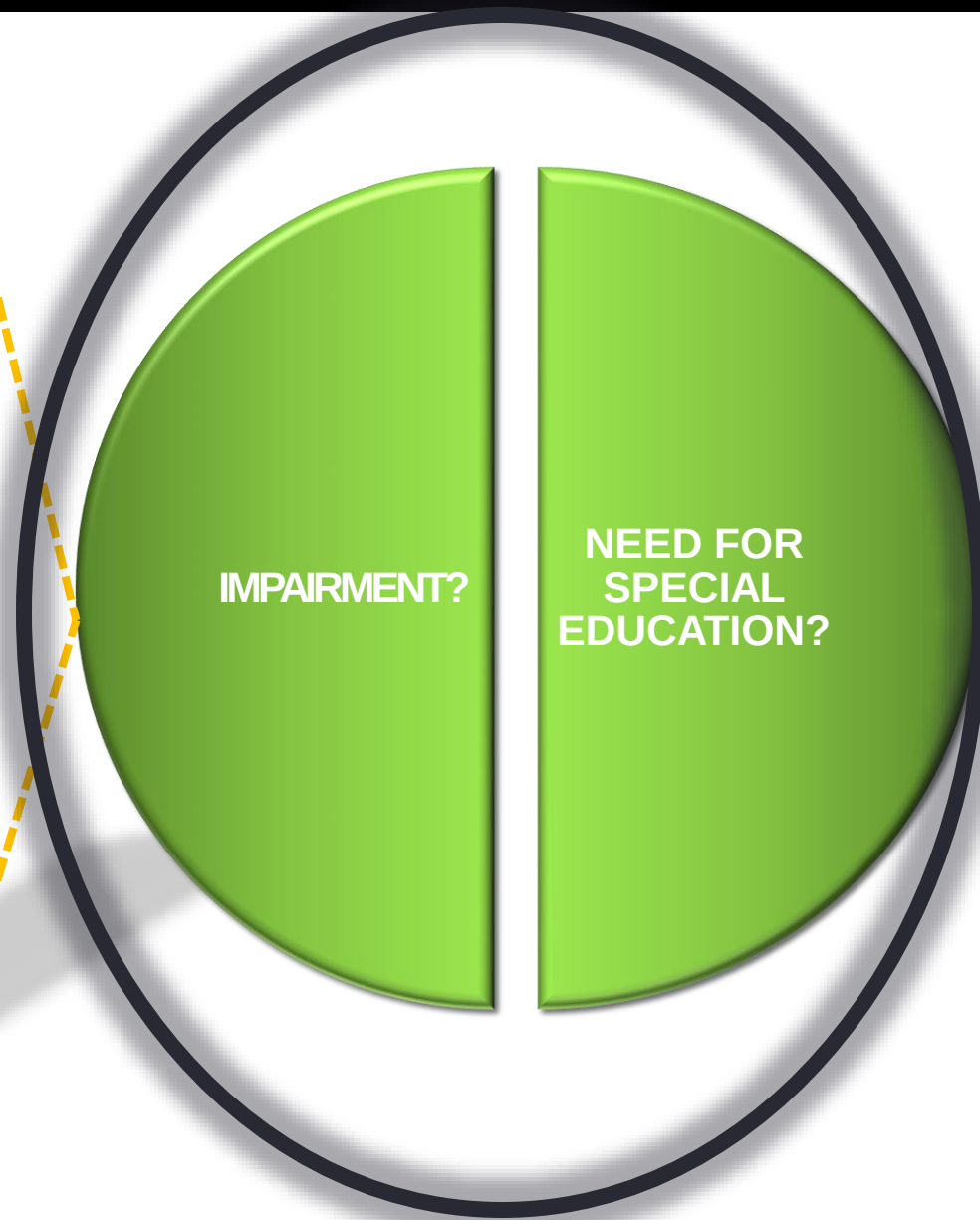
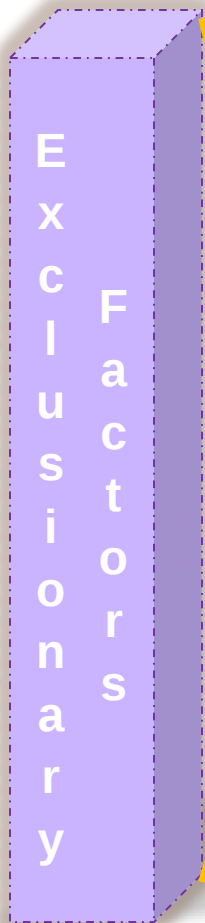
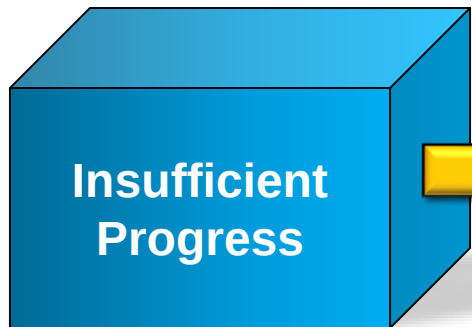
Adequate Fidelity

Interventions are provided:

- Manner highly consistent with design
- 80% of the recommended number of weeks, sessions and minutes per session

Mrs. Ulrich completes a fidelity check (observation) during intervention to ensure fidelity

- Be sure to email her when you are ready for the check
- This is not a “gotcha”, but a way to monitor fidelity for eligibility





Interventions for Classroom

- Student Engagement/Student Relationships/Supporting new learning (Tier 1)
- Letter Puzzles (phonemic awareness)
- Word Attack (decoding)
- Assisted Reading (fluency)
- Peer Tutoring in Vocabulary (vocabulary)
- Collaborative Strategic Reading (comprehension)
- Concrete-Representational-Abstract (computation/problem solving)
- Taped Problems (computation)
- www.nearpod.com
- Type in code



Questions?

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