Master Schedules in an RTI^2 Framework

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A continuum of services for ALL children

RTI^2 Framework 2013

Response to Instruction & Intervention Framework

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Agenda

- What is Response to Instruction and Intervention (RTI^2)?
- Why is Scheduling Tier II and Tier III so important ?
- Scheduling Time for Tier II and Tier III Intervention in Elementary, Middle, and High Schools.
- Organizing the Tier II and Tier III Period.

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Tennessee RTI^2 Model

Guiding Principles

- Leadership
- Culture of Collaboration
- Prevention & Early Intervention

TIER I All **80–85%**

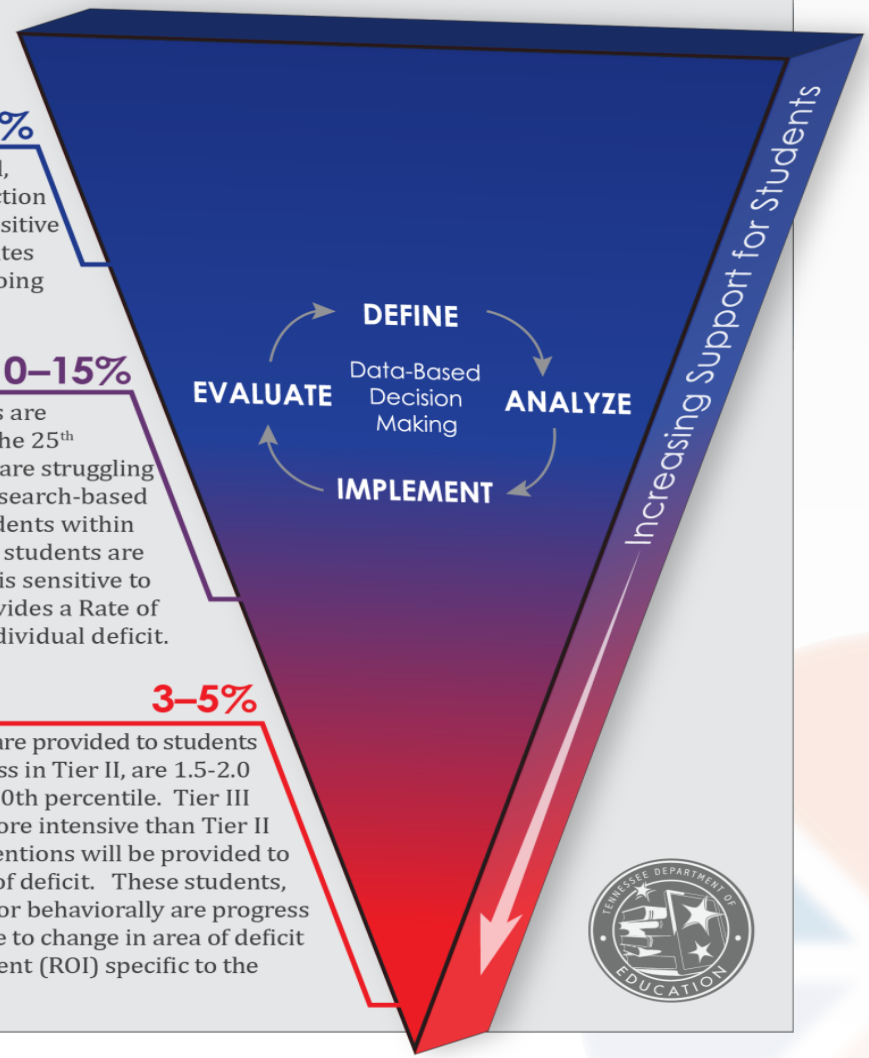
ALL students receive research-based, high quality, general education instruction using Common Core Standards in a positive behavior environment that incorporates ongoing universal screening and ongoing assessment to inform instruction.

TIER II Some **10–15%**

In ADDITION to Tier I, interventions are provided to students that fall below the 25th percentile on universal screening and are struggling academically and/or behaviorally. Research-based interventions will be provided to students within their specific area(s) of deficit. These students are progress monitored using a tool that is sensitive to change in area of deficit and that provides a Rate of Improvement (ROI) specific to the individual deficit.

TIER III Few **3–5%**

In ADDITION to Tier I, interventions are provided to students who have not made significant progress in Tier II, are 1.5-2.0 grade levels behind or are below the 10th percentile. Tier III interventions are more explicit and more intensive than Tier II interventions. Research-based interventions will be provided to students within their specific area(s) of deficit. These students, who are struggling academically and/or behaviorally are progress monitored using a tool that is sensitive to change in area of deficit and that provides a Rate of Improvement (ROI) specific to the individual deficit.



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Reteaching/Remediation Vs. Intervention

Reteaching/Remediation

Tier I-Common Core Standards

- Goal is to reteach standards that students are struggling with rather than specific skill deficits. These are your "bubble kids".

Standards Based Assessment:

- Benchmark Assessment
- Summative Assessment
- Formative Assessment

Intervention

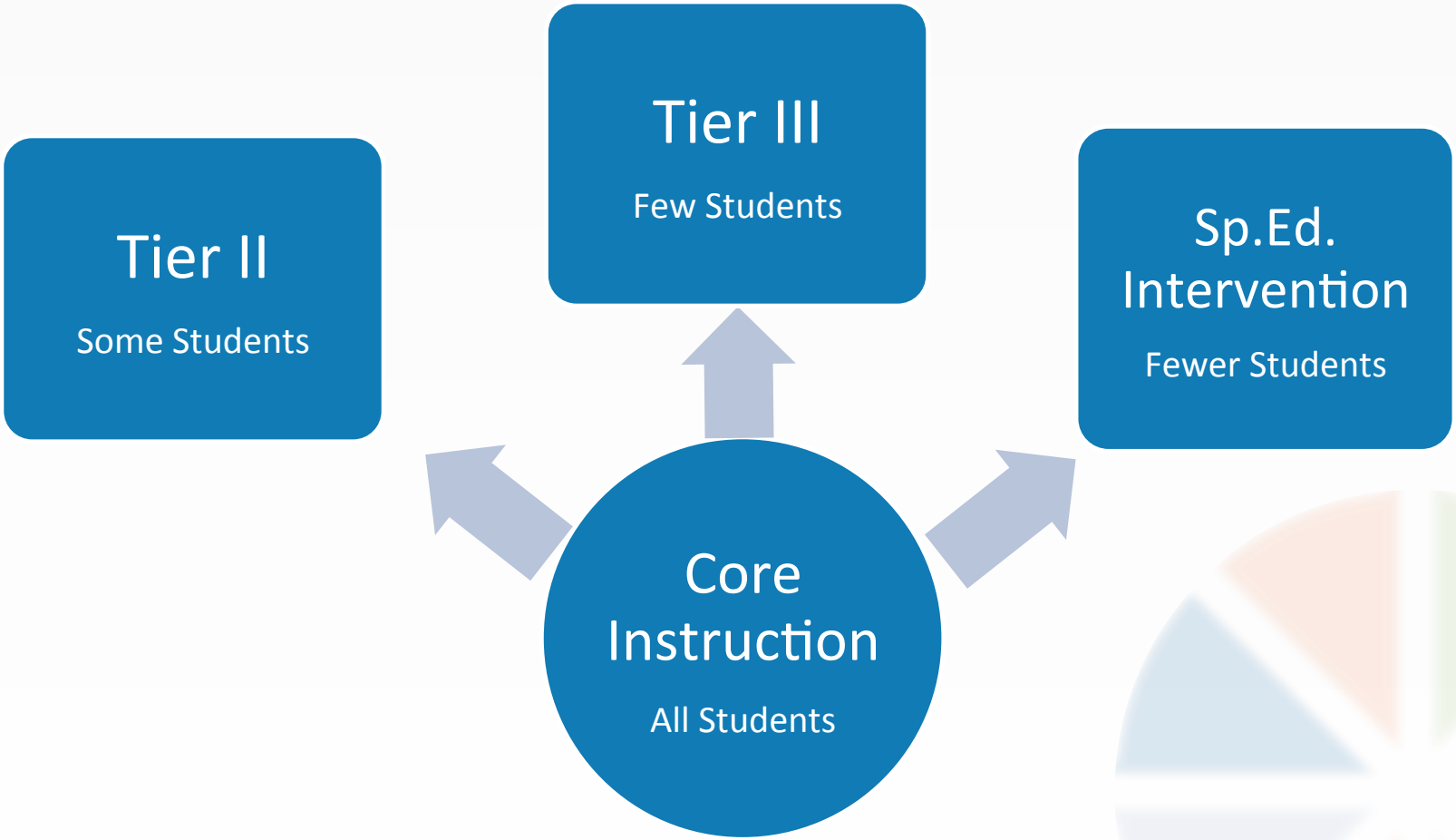
Tier II/III/Sp. Ed. Intervention

- Goal is provide research based interventions aligned to specific skill deficit(s) as identified by a universal screener.

Skills Based Assessment:

- Skills based universal screener aligned to area(s) of deficit
- Skills based Progress Monitoring specific to area(s) of deficit
- Formative assessment

Tier II, Tier III or Sp.Ed. Intervention: Core Instruction Plus ONE Skill Specific Intervention



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Instructional Times

- Recommended Instructional Time for Tier I
  - ELA: K-2/150 min; 3-5/90 min; 6-12/55 traditional 90 block
  - Math: K-1/60 min; 2/75min; 3-5/90 min; 6-12/55 traditional 90 block

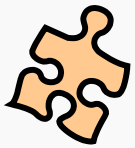
- Required Instructional Time for Tier II
  - ELA Grades K: 20 minutes daily; 1-12: 30 minutes daily
  - Math Grades K-1 20 minutes daily; 2-12: 30 minutes daily

- Required Instructional Time for Tier III
  - Grades K-8: 45-60 minutes daily
  - Grades 9-12: 45-60 minutes daily or students should receive a minimum of 225 minutes of intervention each week

Discussion Time

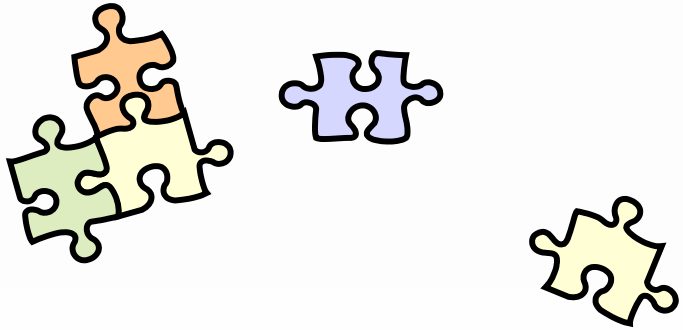
- Does your school/district's master schedule reflect the minimum recommended instructional times for Tier I instruction for ELA and math at the Elementary/Middle/High School level?
- What does this mean for your district/ school? What resources are required to achieve this?
- Who will be responsible for this?

Golden Rule of Scheduling #1



First **EVALUATE** what's on your plate.

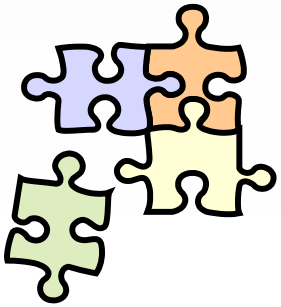
If your plate is full, something has to come off before something new can be added.



Golden Rule of Scheduling #2

Scheduling is like solving a 1000 piece PUZZLE.

- First try: You work for hours and are down to 2 pieces that don't fit the last two slots – start over
- Second try: Your work for hours, complete the puzzle, and you have 2 extra piece – start over
- Repeat the above two try's – multiple times
- Perseverance pays off – all the pieces finally come together!



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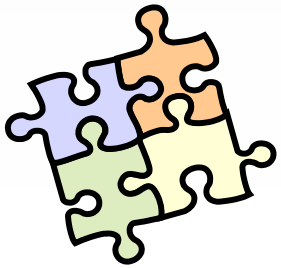
Golden Rule of Scheduling #3

Creating a new master schedule to meet the needs of RTI2 is not a difficult task.

Changing the culture and climate of a school/ district to one of collaboration with data rich discussions driving all student centered decisions is not easy. In order for RTI2 to be successful in closing achievement gaps and meeting AMOs **"BUY IN"** at all levels is needed.



Discussion Time

- Where should the time come from to create Tier II and Tier III periods?
- How many periods should be scheduled?
- Where in the schedule should Tier II and Tier III period be placed?

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K-5

Tier II & Tier III

Elementary Tier II

Tier II should be scheduled into the day to be successful.

Elementary Tier II & Tier III

8:00-10:00	120 minutes	Class 1	ELA
10:05-11:35	90 minutes	Class 2	Math
11:35-12:05	30 minutes	Lunch	
12:10-1:10	60 minutes (30 minutes for each class)	Class 3 & 4	Social Studies & Science
1:15-2:45	90 minutes (30 minutes for each class)	Class 5, 6 & 7	Special Classes & Tier II Intervention/ Enrichment (Tier III could also be during this time)
2:50-3:00	10 minutes	Lockers and Announcements	

Time	Teacher A	Teacher B	Teacher C	Teacher D	Teacher E
8:30-9:00	Morning Routines (Circle & Calendar) 30 minutes	Morning Routines (Circle & Calendar) 30 minutes	Morning Meeting (Circle & Calendar) 30 minutes	Morning Meeting (Circle & Calendar) 30 minutes	Morning Meeting (Circle & Calendar) 30 minutes
9:00-10:00	Tier I Reading 60 minutes	Math 60 minutes	Science 30 minutes Tier III Comp. Lab or library 30 minutes	Tier I Reading 60 minutes	Math 60 minutes
10:00-10:30	Tier I Reading 30 minutes	Tier I Reading 30 minutes	Social Studies 30 minutes	Tier I Reading 30 minutes	Tier I Reading 30 minutes
10:30-11:00	Tier II Reading 30 minutes	Tier I Reading 30 minutes	Tier I Reading 30 minutes	Social Studies 30 minutes	Tier I Reading 30 minutes
11:00-11:30	Tier III Comp. Lab or Library 30 minutes	Tier I Reading 30 minutes	Tier I Reading 30 minutes	Tier II Reading 30 minutes	Tier I Reading 30 minutes
11:30-12:00	Lunch 30 minutes	Tier II Reading 30 minutes	Tier I Reading 30 minutes	Lunch 30 minutes	Tier II Reading 30 minutes
12:00-12:30	Math 30 minutes	Lunch 30 minutes	Lunch 30 minutes	Tier III Com Lab or Library 30 minutes	Lunch 30 minutes
12:30-1:00	Math 30 minutes	Tier III Comp. Lab or library 30 minutes	Tier II Reading 30 minutes	Science 30 minutes	Social Studies 30 minutes
1:00-2:00	Art/Music/PE Guidance/etc. 60 minutes	Art/Music/PE Guidance/etc. 60 minutes	Art/Music/PE Guidance/etc. 60 minutes	Art/Music/PE Guidance/etc. 60 minutes	Art/Music/PE Guidance/etc. 60 minutes
2:00-3:15	Science Discovery lab Social Studies 75 minutes	Social Studies Science Discovery lab 75 minutes	Math Discovery Lab 75 minutes	Math Discovery Lab 75 minutes	Tier III Com lab/ library Science D.L. 75 minutes
3:15-3:30	Closing Activities 15 minutes	Closing Activities 15 minutes	Closing Activities 15 minutes	Closing Activities 15 minutes	Closing Activities 15 minutes

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Approaches to Tier II Time in Elementary Schools

Within Classroom

- Individual classroom teachers organize enrichment and intervention centers for students.
- Classroom teachers and other faculty pull small groups from centers to provide Tier II interventions. This works best in a school with large numbers in intervention. (Upside down triangle)
- Most highly qualified teachers provide Tier III interventions.

Walk-to-Learn

- Classes are re-grouped across a team or grade level to form groups based on needs.
- On grade level students are provide enrichment by classroom teachers or other personnel.
- Tier II students are provide interventions by other classroom teachers.
- Tier III students are provided interventions by the most highly qualified teachers.

6-12 Tier II

6-12 Tier II

Tier II should be scheduled into the day to be successful.

Organize the 30 Minute Tier II Period

- All "Hands on Deck" atmosphere
- No one has planning
- Schedule students with skills deficits first for intervention
- Schedule students with standards deficits second for remediation
- Schedule students in enrichment in areas of interest last

Organize the 30 Minute Tier II Period

Priorities based on student needs

Departmentalized 6-12

- 45 minute period X 180 days = 8,100 min.
- 47 minute period X 180 days = 8,460 min.
- 50 minute period X 180 days = 9,000 min.
- 85 minute block X 90 days = 7,650 min.
- 90 minute block X 90 days = 8,100 min.

- **30 minutes of intervention or remediation adds 5,400 minutes of instruction a year**

6-12 Tier II - Block

(85 minute blocks/ 5 minute class change/ 4 lunches/8 credit year/ 90 days)

8:00-9:25	Block 1
9:30-10:00	Tier II Intervention/Enrichment
10:05-11:30	Block 2
11:35-1:30	Block 3 (includes 30 minutes for rotating lunch) 11:30-12:00 1st lunch 12:00-12:30 2nd lunch 12:30-1:00 3rd lunch 1:00-1:30 4th lunch
1:35-3:00	Block 4

6-12 Tier II Traditional

(6 credit year/ 180 days)

Period	Monday	Tuesday	Wednesday	Thursday	Friday
1	Chemistry	Chemistry	Chemistry	Chemistry	Chemistry
2	Alg II	Alg II	Alg II	Alg II	Alg II
3	Spanish II	Spanish II	Spanish II	Spanish II	Spanish II
4	US History	US History	US History	US History	US History
5	English	English	English	English	English
6	Art	Art	Art	Art	Art
7	Intervention	Intervention	Intervention	Intervention	Intervention

6-12 Tier II Traditional

Schedule for Sample Student							
1st period	2nd period	3rd period	4th period	5th period/ Lunch	6th period	7th period	8th period
8:20-8:40	8:45-9:35	9:40-10:30	10:35-11:25	11:30-12:50	12:55-1:45	1:50-2:40	2:45-3:35
Homeroom	Science	Social Studies	Tier II; remediation; or enrichment	Math	Reading	PE/ Specials	English
Usually seen in middle school							

6-12 Tier II Traditional

Period	Time		Notes
Period 1	8:00-8:47		
Period 2	8:51-9:39		
Period 3	9:43-10:30		
Period 4	10:34-11:21		
Period 5 Do to lunch this period is 54 minutes in length	Full period 5 11:25-12:19	Period 5A (1st lunch) 11:25-11:52; Period 5B (2nd lunch) 11:52-12:19	Each lunch is 27 minutes in length. They also have the extra 4 minutes of class change. - ½ of students/ teachers have a full period 5 class; ¼ of students/teachers have lunch during period 5A; ¼ of student/ teachers have intervention / remediation / enrichment during period 5B
Period 6 Do to lunch this period is 54 minutes in length	Full period 6 12:23-1:17	Period 6A (3rd lunch) 12:23-12:50; Period 6B (4th lunch) 12:50-1:17	Each lunch is 27 minutes in length. They also have the extra 4 minutes of class change. - ½ of students/ teachers have a full period 6 class; ¼ of students/teachers have lunch during period 6A; ¼ of student/ teachers have intervention / remediation / enrichment during period 6B
Period 7	1:21-2:08		
Period 8	2:12-3:00		

6-12 Tier II A/B

(425 minutes per week / 5 minute class change/ 2 lunches/ 8 credit year)

Time	Mon (A)	Tue (B)	Wed (A)	Thu (B)	Fri (Mixed)
8:00-9:25	Math	English	Math	English	Math
9:30-10:55					English
11:00-11:30	Tier II / Lunch	Tier II / Lunch	Tier II / Lunch	Tier II / Lunch	Tier II / Lunch
11:30-12:00					
12:00-1:25	History	Science	History	Science	History
1:30-3:00					Science

6-12 Tier II Hybrid

A/B and Traditional (5 minute class change/ 3 lunches/ 6 credit year)

Period	Monday	Tuesday	Wednesday	Thursday	Friday
1 A/B blocked 8:00-9:30	Art 1	Spanish II	Art 1	Spanish II	Art 1 Spanish (45/45 split or alternate Fridays)
2 Trad. 9:35-10:35	Alg II	Alg II	Alg II	Alg II	Alg II
3 Skinny 10:40-11:10	Intervention	Intervention	Intervention	Intervention	Intervention
5 Trad. 11:15-11:45 1st lunch; 11:45-12:15 2nd lunch; 12:15-12:45 3rd lunch	US History	US History	US History	US History	US History
6 Trad. 12:50-1:50	English II	English II	English II	English II	English II
7 Trad. 1:55	Biology	Biology	Biology	Biology	Biology

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Discussion Time

- Does your school/district have time for Tier II intervention built into the master schedule? Does this time reflect the required intervention times for Tier II?
- What does this mean for your district/ school? What resources are required to achieve this?
- Who will be responsible for this?

6-12 Tier III

6-8 Tier III

Schedule for Sample Student							
1st period	2nd period	3rd period	4th period	5th period/ Lunch	6th period	7th period	8th period
8:20-8:40	8:45-9:35	9:40-10:30	10:35-11:25	11:30-12:50	12:55-1:45	1:50-2:40	2:45-3:35
Homeroom	Science	Social Studies	Tier II & III; remediation; or enrichment	Math	Reading	PE/ Specials	English

Tier II and Tier III can be scheduled at the same time in this schedule. Tier II students will have intervention and one special call and Tier III will not have a special during this time. Specials are also offered during 7th period.

9-12 Tier III

- Is your school/district prepared to make individual scheduling decisions for students requiring Tier III interventions?
- What does this mean for your district/ school? What resources are required to achieve this?
- Who will be responsible for this?

High School Tier III Math & ELA Intervention Elective Courses

- Based on Component 4 (Tier III) of RTI^2 manual
- Courses are based on an individual student's area of deficit and not a set of standards
- Students can receive ½ credits
- Students can take these courses multiple times based on the data
- Does not replace the 4 required ELA and Math courses to graduate (elective only)
- Recommended class size should not exceed a 1:12 ratio

High School Tier III Math & ELA Intervention Elective Courses

- Tier III English Language Arts Intervention: Course Code 3017
- Tier III Mathematics Intervention: Course Code 3180
- Courses must be taught by a 7-12 certified teacher (Any secondary endorsed teacher)

A local school board can pass an "intervention academic elective focus" for students who are extremely behind and will need Tier III over 4 years. This is a local LEA decision and action.

Discussion

Has your school/district engaged in discussions surrounding the use of High School intervention course codes for Tier III interventions?

Questions about course codes and high school?

Tier III Intervention - Component 4

- Tier III interventions will be **systematic**, **research-based** interventions that target the student's identified area of deficit (basic reading skill(s), reading fluency, reading comprehension, mathematics calculation, mathematics problem solving, or written expression). See section 4.1 on description of Tier III interventions.
- The school level RTI^2 support team will determine which students will be placed in Tier III. See section 4.5 on data-based decision making for more information.

An Effective Intervention in Tier III is:

- Implemented by secondary certified teacher at 9-12
- Implemented by **highly-trained** personnel at K-8;
- Implemented with **fidelity** and confirmed by measurement; and
- Progress monitored to ensure outcomes are being met.
- Developed based on the unique needs of students

Resources

- www.TNCore.org or www.TNspdg.com
  - RTI^2 Manual
  - RTI^2 Implementation Guide Appendix A
  - RTI^2 Implementation Guide Adaptable Templates

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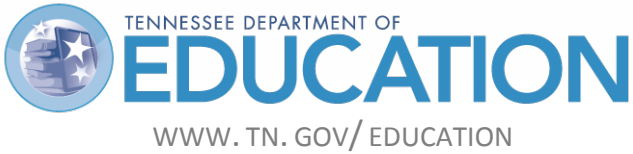
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