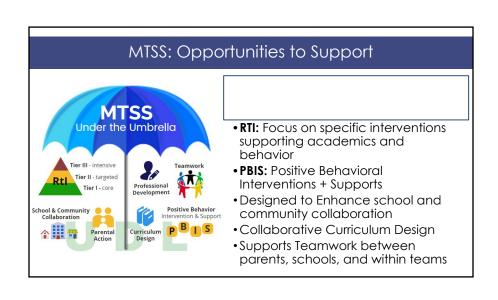
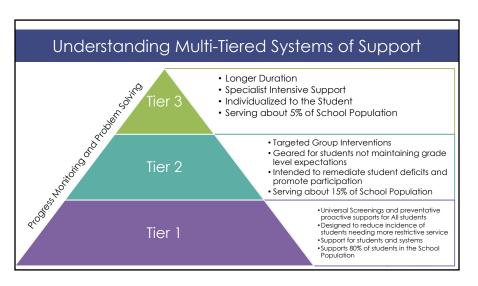


Early Intervening Services Support Student Success What Are Early Intervening Services? Preventative Model Part of IDEA's federal Response to Consistent with Emphasis on K-3 Services to struggling updated CDC students who may learners with Developmental have poor learning academic and/or Milestone guidelines outcomes behavioral health

Funding for Related Services + Early Intervening Services: Primary Funding for Related Funding for MTSS Services: IDEA Individuals with Disabilities Every Student Succeeds Act **Education Act** (ESSA) and other funding sources like state grants Passed in 1975 Funds are used for: Federal funding to states Professional Learning agreeing to implement the 3 step process Supporting Student's Social • Identify Affected Students **Emotional Needs** • Develop Program Supporting Rural School Districts • Provide Services Addressing target populations Primary Funding for OT and Related Services





Required Features of RTI Framework + Core Principals Intervene Early (not wait and see model) All Students are Teachable Use of Universal Assessments for Screenings, Diagnostics, + Progress Monitoring Progress Monitoring Use High Quality, Research-Driven Interventions + Instructions Progress Monitoring, Data Collection, Problem Solving inform instruction + Next Steps

RTI's Goal is to Reduce Tier 3 Intervention

RTI

High Quality Instruction or Intervention is modified based on the student's response to the intervention

Learning Rate and Level Of Performance are monitored and used for decision making or next steps

Problem solving next steps takes into consideration intervention duration, intensity, and student response

Advantages of RTI for students and educational system

Advantages for Students

- Focus shifts to providing effective instruction
- Does not require teacher or parent referral
- Allows students access to intervention immediately
- Formal, timely assessment process only after data collected on student's response to general supports

Advantages for Educational Systems

- Reduces the number of minority and low income students referred for special education
- Provides interventions for students who are transient or have limited English proficiency
- Referrals to Special Education may be reduced
- Promotes unity of special education and general education and can support a seamless and collaborative system

Important Clinical and Practice Implications for RTI

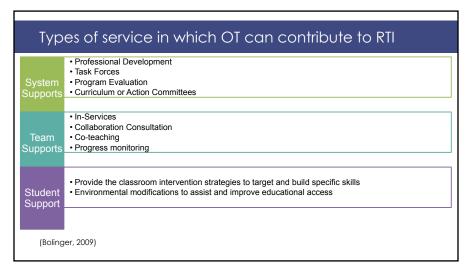
- The IDEA supports Occupational Therapist's involvement in the RTI Process as providers of early intervening services in general education
- OT scope of practice is supporting health and participation through occupation
- In school, the "client" may be defined as students, families, educators, and/or organizations (schools)
- AOTA currently endorses a paradigm shift from caseload to work load to caseload in the educational model
- · In California, the PT OT Guidelines

Understand Direct + Indirect Approaches

Understand when Parent Consent is Required Know State Practice Act + Licensure

State Practice
Act Referral +
Evaluation
Procedures





Tier 1 Supports and OT role

Make universal recommendations on research based strategies Serve on district curriculum committees

Team

OT can provide education and training to teachers on research-based strategies

Ex. In-service workshop

Student

- OT's can assist with universal screenings (grade level probes)
- Educational screenings are Informal in nature. Different from formal screenings used during an evaluation process

Case Study + Examples of Tier 1 Interventions

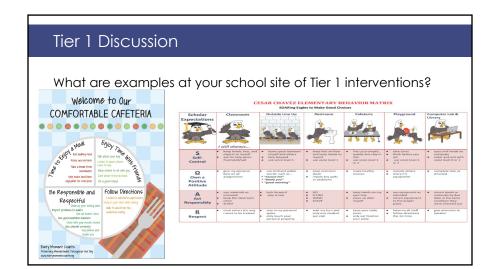
Support

- System

Team :





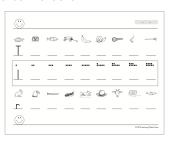




Tier 1 Progress Monitoring and Data Collection

- Surveys of teacher and staff pre and post intervention
- · Learning Without Tears Screening
- · Minnesota Handwriting Assessment
- Zones of Regulation Inventory, Learner Self-Reflection





Case Study

Tier 1 Intervention at a California TK-3 Elementary School

Effects of Covid On School Aged Children: Need for Tier 1 Intervention at K-3 Elementary School

Children + adolescents were found to experience more depressive and anxious symptoms as compared to pre - pandemic data

School Response:
Promote activities +
interventions focused on
Stress management,
Connection, Relationship,
+ Regulation Skills

Finger Knitting as a Tier 1 Intervention Approach

Finger knitting

A knitted chain created utilizing one's hands + fingers rather than traditional tools such as knitting needles

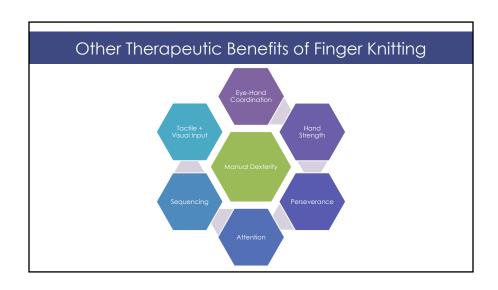
Product:

Result is typically one long chain stitch which can be versatile + made into many different objects

Age Range + Population:

Children ages five + older are typically able to learn this skill

Finger Knitting as a Therapeutic Activity + Supporting Data Reduce stress Provide social connection + support Promote positive feelings of: accomplishment, creativity, + control Knitting in a group was reported to: Improve: Social confidence + feelings of belonging Enable: Feelings of control, relaxation + contribution (Coddill, Hemmings, Moddock + Riley, 2014)



Implementation of Finger Knitting as Tier 1 RTI Approach

Participants:

2nd grade level- made up of three classes (A, B, C) Supporting Staff: OT, OTS, and instructional aide

Time:

Lunch recess one day a week for a duration of 6 weeks

Supplies:

Yarn and classroom space

Group Structure:

*5 minute whole group instruction on finger knitting followed by 15 minutes of small group or individual practice. **Week 1:** Invited class A. 12 students participated. By the end of first session, 6 were able to finger knit at independent level.

Week 2: Invited class B. 20 students participated. Returning students from class A supported students from class B. By end of session, 50% of students were independently finger knitting.

Week 3: Invited class C. 25 students participated. Returning students from class A and B supported students from class C. By end of group, 15 students were at independent level.

Weeks 4-6: By then end of week six, group size fluctuated between 15-20 students each week. All students were at either minimal assist or independent level finger knitting.

Outcomes of Finger Knitting as Tier 1 RTI Approach

Finger Knitting Established as a Systemwide Support

- Finger knitting group continued throughout the remainder of the school year
- •The group was re-established the following year when students entered 3rd grade
- •2nd grade finger knitting group was created for incoming second grade students

Team Collaboration Established

- School counselor attended several weekly groups + now uses finger knitting as a regulation strategy when working with students
- RSP, General Education teachers, and Administration attended groups + observed students

Student Supports Embedded on Campus for Regulation and Fine Motor

• During recess, students are able to request yarn and sit on steps to finger knit if they prefer a quiet activity or need to self regulate

Students Motivated to Participate

- When second grade teachers polled students at end of school year:
- "The Naughty Knitters" was ranked #1 as "Favorite Part of Second Grade"

Learning Lab Finger Knitting with Children

5-4-3-2-1

Name

- 5 things you can see
- 4 things you can touch
- 3 things you can hear
- 2 things you can smell
- 1 thing you can taste OR 1 emotion that you feel

Tier 2 Supports and OT role

Team Support

- •Assist GE staff by providing training resources and materials
 - •Tools to Grow: www.toolstogrowot.com
 - Handouts for a variety of performance areas
 - •RTI OT Checklists for Implementing Strategies and Tracking Response
 - •RTI Data Collection & TRACKING Forms For Teacher Use

Student Support

• Targeted group interventions to at risk children

Case Study Examples of Tier 2 Interventions



Support

Team (

- App Recommendation for
- Providing intervention
- OT leads a center during



Student Support

- Super Secret Running Club- SSRC
- Providing organizational strategies for middle school students
- Online handwritina support + videos during
- Lunchtime & recess support- craft/game club

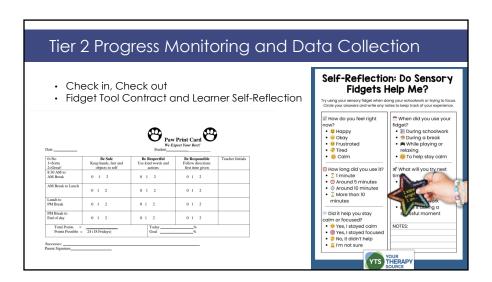
Small Group Discussion

In small group, discuss additional ideas for Tier 2 supports and interventions?





What is Your Role on the MTSS/RTI Team?







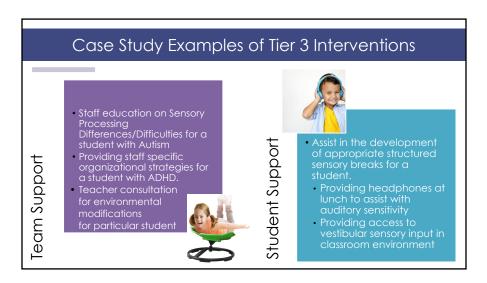
Tier 3 Supports and OT role

Team Support

- · Education to staff on diagnoses + OT processes
- Collaborative data collection on response to specific OT intervention

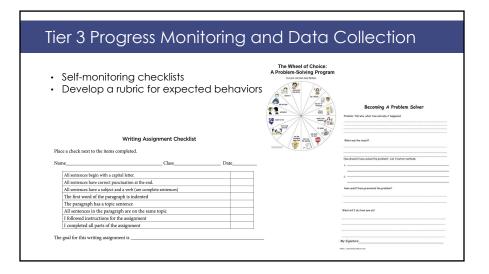
Student Support

- Intensive individualized interventions for children that do not respond to Tier 1 or 2
- · Based on student specific needs

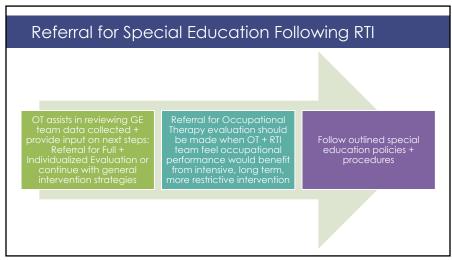


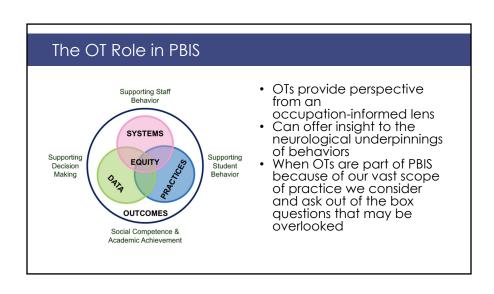










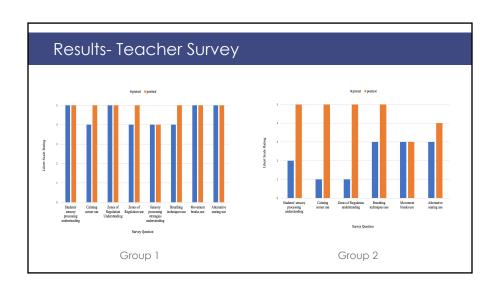


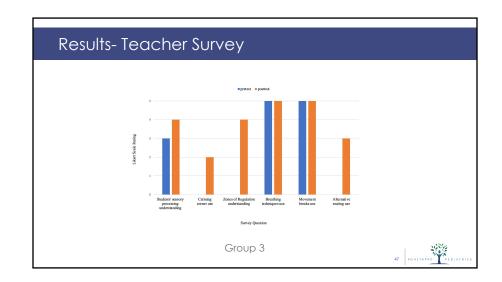
A Manualized Rtl Kindergarten Intervention for Sensory Processina Demographics: • 3 general education kindergarten classes (2 different schools) • School 1 (n=11) Manualized tiered intervention • School 2 (n=15) In-service & consultation • School 3 (n=18) In-service

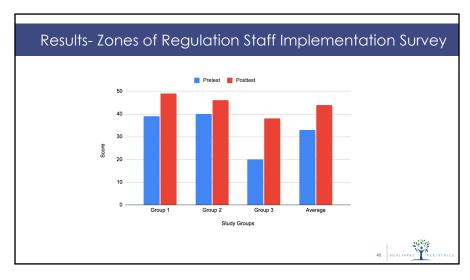
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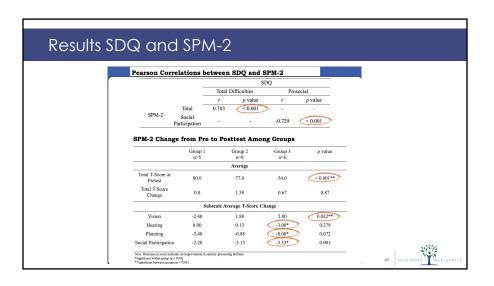
only

Intervention: 10 week manualized intervention • Aspects of the Zones of Regulation • Weekly lessons on use of a calming corner, • Mindfulness activities, • Use of sensory tools in the classroom, • Weekly learner self-reflection Teacher In-Service: "Navigating Classroom Behaviors from an OT Lens" • Sensory Processing • All behavior is communication • Modifying the environment • Co-regulation

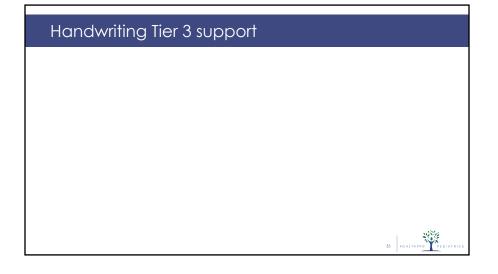


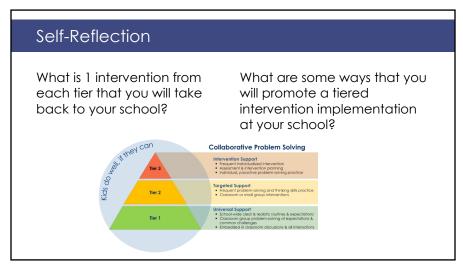












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