



**Gifted Education**

***Pine-Richland School District***

# Gifted Education Team

- 4 Core Team Members Started July 2017
  - Mr. Noel Hustwit (K-12: Chapter 16 Lead)
  - Dr. Kristen Justus (K-12 Lead Program/Curriculum)
  - Dr. Michael Pasquinelli (7-12 Curriculum Support)
  - Mrs. Danielle Czegan (Department Chair)
- School Psychologists
  - Dr. Maura Paczan, Lead School Psychologist (K-12)
  - Dr. Melissa Ramirez, School Psychologist (7-12)
  - Dr. Taylour Kimmel, School Psychologist (K-6)





# Overview of Topics

- Understand the Basis of Gifted Education
- Connect Accelerated and Gifted Education services to the MTSS model
- Use the MTSS Model to Determine Supports for Accelerated and Gifted Learners
- PRSD Gifted Education Program Design
  - (K-3, 4-6, 7-8, & 9-12)





# Multi-Tiered System of Support (MTSS) Key Concepts

MTSS is...

- a general education initiative
- a data-driven resource
- a tool for early recognition of student needs and a guide for identifying appropriate interventions



# The MTSS Model for Highly Achieving and Gifted Learners

## Tier 3

Acceleration in one or more class or content areas; in addition to T1 & T2 interventions

## Tier 2

Individualized change of pace, content, or task that may be inside or outside the classroom; advanced skill group instruction; advanced course material typically one year above grade level; in addition to T1 interventions

## Tier 1

Within the general education classroom, use of pre-assessments; differentiated instruction which may include: compacted (further) curriculum units, independent learning contracts, cluster grouping, flexible grouping, learning centers, real world experiences, assignments differentiated by content, process, or product that replace general classroom assignments

Intensity and frequency of intervention and progress monitoring

Size of instructional group



# What Triggers MTSS?

- Classroom Observation
- Data Collection
  - Prior Evaluation for Gifted?
  - Enrichment Services Offered?
  - Universal Screener Data?
- Referral to MTSS Team
  - Team Discussion
  - Reflection on Data
  - Decision Tree Alignment
  - Responsive Design to Programming/Instruction

PINE RICHLAND SCHOOL DISTRICT  
Multi-Tiered System of Support - MTSS (RtII)  
Tier II/Tier III Referral Form

Student: \_\_\_\_\_ Date: \_\_\_\_\_  
Teacher: \_\_\_\_\_ Grade/Homeroom: \_\_\_\_\_  
Case Manager: \_\_\_\_\_

Academic/Behavioral/Social Emotional Needs:  
1. (Top Priority): \_\_\_\_\_  
2. (Second Priority): \_\_\_\_\_

Current Classroom Goals/Interventions:  
Academic/Behavioral Need #1: \_\_\_\_\_  
Proficiency (Baseline) Before Interventions: \_\_\_\_\_  
Goal: \_\_\_\_\_

Intervention (i.e., LLI, Spell Read, Wilson, Sonday)	Begin Date	Time Spent / Frequency (i.e., 3 times a week 40 minutes)	Person Responsible	Tier (I, II, III)	End Date	Intervention Goal Outcome

Academic/Behavioral Need #2: \_\_\_\_\_  
Proficiency (Baseline) Before Interventions: \_\_\_\_\_  
Goal: \_\_\_\_\_

Intervention (i.e., LLI, Spell Read, Wilson, Sonday)	Begin Date	Time Spent / Frequency (i.e., 3 times a week 30 minutes)	Person Responsible	Tier (I, II, III)	End Date	Intervention Goal Outcome

Parent Contact:  
Date: \_\_\_\_\_ Subject: \_\_\_\_\_ Outcome: \_\_\_\_\_





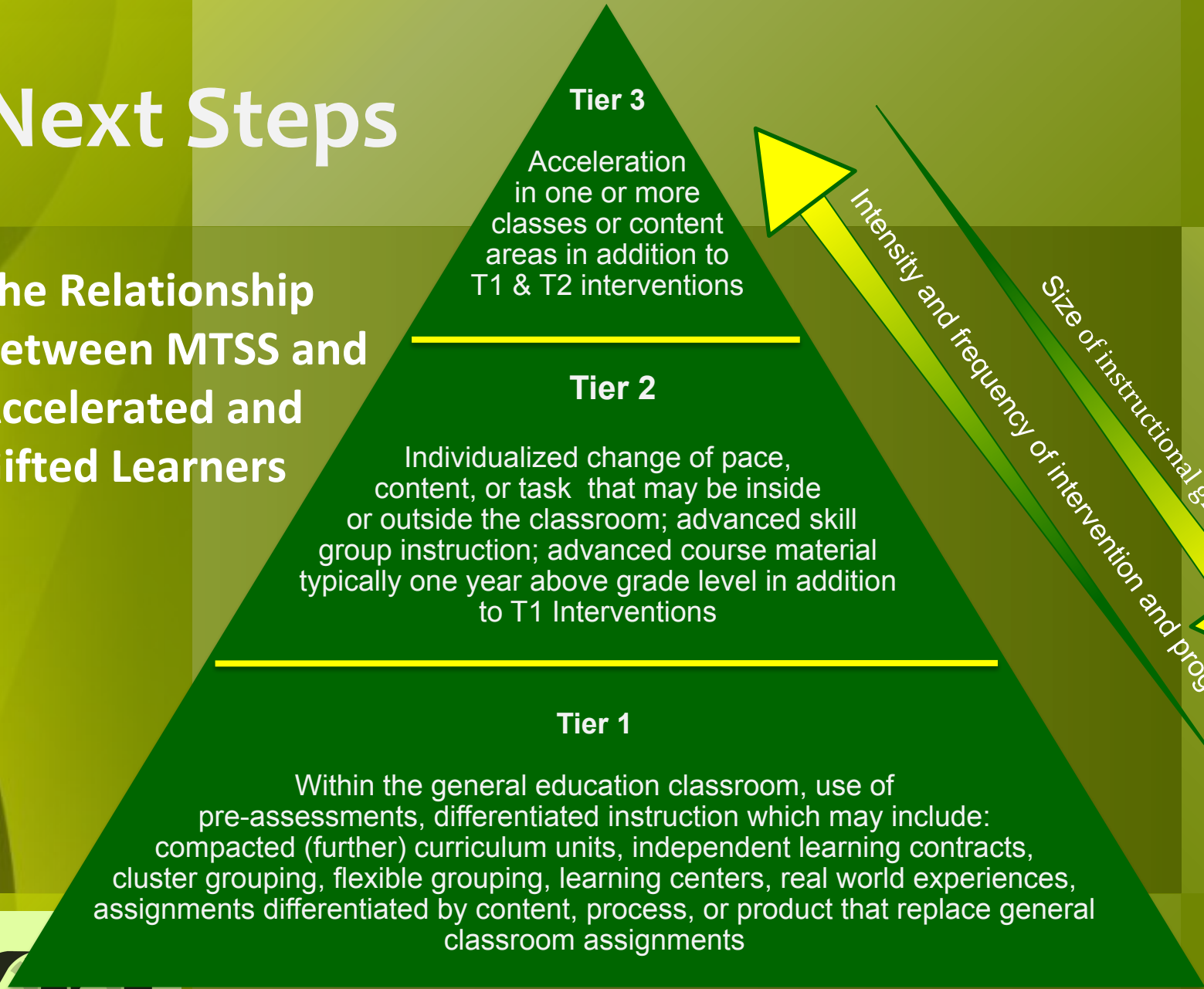
# What Guides The MTSS Decision Process?

- Decision Trees Developed**
  - Guides Discussion
  - Data-Driven Road Map
  - Guides Recommendations for Enrichment or Acceleration
  
- Assessments Included**
  - Cognitive Abilities Test (CogAT 7)
  - STAR 360 Performance
  - Teacher Attributes



# Next Steps

## The Relationship Between MTSS and Accelerated and Gifted Learners







# Gifted Identification Process

- Grade 2 & 5 Universal Screening
- Proactive “Child Find” as Team
- Screening Matrix & Data
  - Building Level Screening Profile Initially
  - District Level Psychologist Involvement
  - Gifted Written Referral Completed
  - Results Determine Qualification for Services (Strengths-Based Goals)



# Model Foundation:

## Chapter 16

- ❑ Students are identified as mentally gifted through multiple measures.
- ❑ Academic strengths are targeted through specially designed instruction and documented in GIEPs.
- ❑ GIEP goals are aligned to standards and are curriculum-based.



# K-3 Services



## Tier 1 Support (in the classroom)

- ❑ Cluster grouping based on reading levels
- ❑ Differentiated math opportunities (Marcy Cook, Splash Math, RedBird)
- ❑ Differentiated reading opportunities (Daily Five, curriculum leveled readers)
- ❑ Math Pathways for third grade

## Gifted Pull Out Time

- ❑ Kindergarten once weekly, 45 minute block
- ❑ Grades 1-3, 1-2x weekly, 90 minute block

## Exploration Topics

- ❑ Geography, World Cultures, STEM, Logic and Problem Solving, SNAP/SCRATCH programming
- ❑ Developing Higher or Thinking Skills and Strategies for Logic and Problem Solving

## Enrichment Competitions

- ❑ Math Kangaroo International Competition
- ❑ Doodle for Google

# 4-6 Services



## Tier 1 Support

- Math pathways
- Differentiation in classrooms
- Cluster grouping

## Gifted Pull Out Time (RAM Time)

- 40 minutes daily
- PBL/STEAM
- Community partnerships
- Real-world application/21st century skills

## Exploration Topics: Open GATE (Explore)

- 35-70 minutes weekly
- Student interests/Student-run clubs
- Preparation for Extended Learning Opportunities

## Computer Science: (Dream Lab)

- 35 minutes weekly
- Raspberry Pi/3-D printers
- Coding: Python, Java, HTML
- Student interest projects

## Enrichment Competitions (examples):

- Math Kangaroo International Competition
- STEM Design Challenge
- Theatre Workshop with Cultural Trust
- Robotics Workshop
- Children's Choice Awards
- PA Media & Design Competition
- Stock Market Club

# 7-8 Services



## Tier 1 Support

- ❑ Clustering/Grouping in Academic Courses (Math Pathways, Pre-AP ELA, C/E Science)
- ❑ Differentiated Assignments (Example: Higher-Level Writing Prompts)
- ❑ Pre-Assessments to Drive Enrichment or Acceleration through Differentiation

## Gifted Pull-Out Time (Acad. Support)

- ❑ Weekly Pull-Out Classes - 45 minutes
- ❑ Preparation for Enrichment Activities or Events
- ❑ Gifted Resource Room for Academic or Social Support

## Career Exploration

- ❑ Career-Focused Enrichment & Research Exploration
- ❑ Naviance & Meetings with Counselors as Needed

## Enrichment/Competitions

- ❑ Team/Individual Long Term Commitment
  - Mock Trial
  - TSA-TEAMS
  - Science & Engineering Fair
  - Stock Market Game
  - Odyssey of the Mind
  - PA Media and Design Competition

# 7-8 Services



## Workshops and Seminars (examples):

- Engineering PSU Workshop
- Writing Workshop
- SciTech Day
- History and Hollywood Workshop
- NACLO - Computational Linguistics Workshop
- Arts and Robotics Workshop
- Programming Workshop
- Drama Workshop

## Academic Competitions (examples):

- History Bowl
- Science Bowl
- Wordsmith Vocabulary Challenge
- Globe Quest Competition
- Calcu-Solve Competition
- Chess Tournament
- American Mathematics Competition 8
- STEM K'Nex Challenge
- Battle of the Brains Quiz Bowl
- Creative Convention Competitions

# 9-12 Services



## Tier 1 Support

- Enrichment/Acceleration through Differentiation
- Research Based Grouping Practices
- Depth of Knowledge and/or Rigor & Relevance
- Tiered Assignments

## Gifted Pull Out Time

- Student/Gifted Teacher Initiated
- Provision of Gifted Resource Room

## College and Career Transition

- Career Connections
- Student Initiated Apprenticeships/Internships
- Summer Academies
- Governor's School(s)
- Student Initiated Shadowing Experiences

# 9-12 Services



## Enrichment/Competitions

### Long Term Commitments (examples)

- Mock Trial
- Science Fairs
- Media Design Competition
- National History Day
- Writers Workshop

### Workshops and Seminars (examples):

- Genetic Update
- Brain Program
- Information Seminars

### Academic Competitions (examples):

- KDKA Hometown High Q
- College and Science Bowls
- TSA-TEAMS
- AMC 10/12





**Thank You!!**