



# Elementary School Gifted and Talented Education Program

# Our GT Staff

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# GT Education Program Mission

To recognize and develop talent in  
ALL learners, including those  
already performing at advanced  
levels.

# Program Components



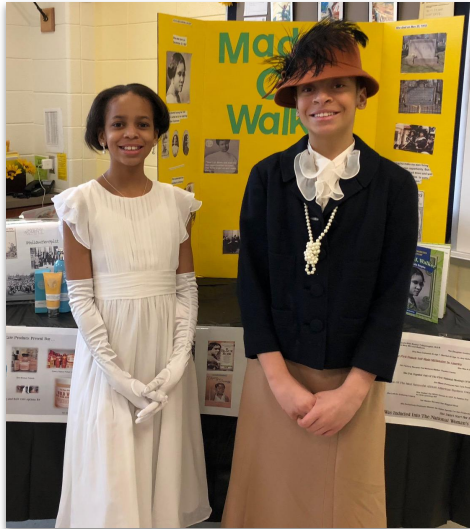
- Primary Talent Development
- G/T Instructional Seminars
- G/T Math
- Curriculum Extension Units (CEUs)
- Research Investigations

# Talent Development Offerings: Primary Talent Development

- Push-in model in Kindergarten and 1st Grade
- Encourage development of creative and analytical reasoning
- Extend learning for students already performing at advanced levels



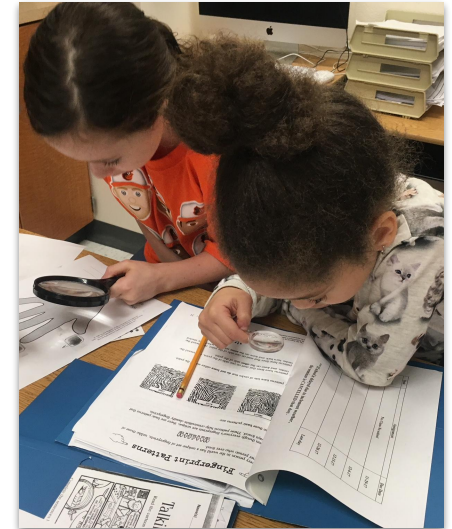
# Talent Development Offerings: GT Instructional Seminars



Instruction in  
Advanced-Level  
Skills



Open to All  
Interested  
Students



Creative  
Production or  
Inquiry

# Where can I find out more about GT Instructional Seminars at our school?

- Fliers will be sent home with your students in Wednesday Folders
- School's GT Resource Team
- School's HCPSS News
- Interest forms in Friday Folders





# Instructional Seminars

(Tentative Topics)

Recess Blocks and Instructional Blocks



- Second Grade – “Marshmallow Challenge”, “Mathematicians”, and “Bird Sleuth”
- Third Grade – “Wonder and Wander/ Green Schools”, “Maker Space Challenges”, and "Snail Mail"
- Fourth Grade – “School Store Management”, “Genius Hour”, "Ancient Civilizations”, and “Rube Goldberg Challenge”
- Fifth Grade – “Flying Paper Machines, Gregor the Overlander Book Club, and “Rube Goldberg Challenge”





# GT Curriculum Extension Units



# Deep Run Elementary GT CURRICULUM-BASED ENRICHMENT UNITS FOR 2018-2019

The chart shows an estimated timeline for the curriculum-based enrichment units (CEUs) for this year.

It is possible for units to change throughout the year to best meet the needs of the students.

Second Grade	Third Grade	Fourth Grade	Fifth Grade
<p>September</p> <p><b><u>Talent Spotting Lessons</u></b></p> <p>G/T teachers lead a lesson in every homeroom class on the upcoming CEU topic. During these lessons teachers are looking for advanced-level learning behaviors. Any observations made will help to guide CEU student selections.</p>	<p>September - October</p> <p><b><u>Monarch Butterfly Enrichment</u></b> (parallel project within classrooms)</p> <p>Students will engage in extended opportunities to research Monarch Butterflies</p>	<p>September - November</p> <p><b><u>Our Place in Space</u></b></p> <p>Students will explore humanity's changing views of its role in the universe over time.</p>	<p>September</p> <p><b><u>Talent Spotting Lessons</u></b></p> <p>G/T teachers lead a lesson in every homeroom class on the upcoming CEU topic. During these lessons teachers are looking for advanced-level learning behaviors. Any observations made will help to guide CEU student selections.</p>
<p>October – January</p> <p><b><u>Archaeology</u></b></p> <p>Students will learn what is like to be an archaeologist through archaeological tools, stratigraphy, artifacts, and how cultures have changed over time represented by the artifacts left behind.</p>	<p>November– January</p> <p><b><u>Weather and Climate</u></b></p> <p>How scientists gather data, use it to predict weather, and create solutions to weather related hazards.</p>	<p>November- January</p> <p><b><u>Waves of Communication</u></b></p> <p>Students will explore patterns of waves in water, sound, air and other locations.</p>	<p>October-December</p> <p><b><u>Oceanography</u></b></p> <p>Students will learn about the ocean systems, who studies them, and how the biological, chemical, physical, and geological ocean systems relate.</p>
<p>January</p> <p><b><u>Talent Spotting Lessons</u></b></p> <p>G/T teachers lead a lesson in every homeroom class on the upcoming CEU topic. During these lessons teachers are looking for advanced-level learning behaviors. Any observations made will help to guide CEU student selections.</p>	<p>Feb- May</p> <p><b><u>Immigration</u></b></p> <p>Students research immigration in the U.S. and specifically personal stories of immigrants that came to the United States as children.</p>	<p>February – May</p> <p><b><u>Systems and Settlements in the New World</u></b></p> <p>Students will explore the events and ideas that influenced the development of early colonial settlements.</p>	<p>January</p> <p><b><u>Talent Spotting Lessons</u></b></p> <p>Feb – April</p> <p><b><u>The Politics of Persuasion</u></b></p> <p>This unit extends the curriculum for the Simulated Congressional Hearings conducted by the fifth grade.</p>
<p>Feb – May</p> <p><b><u>World Cultures</u></b></p> <p>Students will explore multiple Cinderella versions to analyze culture, apply research skills, and create a writing product.</p>	<p>September - June</p> <p><b><u>Math Enrichment</u></b></p> <p>Support the above grade level students with challenging mathematical concepts.</p>	<p>September – June</p> <p><b><u>GT Math Program</u></b></p> <p>Students who tested into the GT math class in third grade have their math class with a GT math teacher every day.</p>	<p>September - June</p> <p><b><u>GT Math Program</u></b></p> <p>Students who were in GT math in the fourth grade or who tested in at the end of fourth grade have their math class with a GT math teacher every day.</p>

# Curriculum Extension Units (CEUs)

- Interdisciplinary
- Advanced-level content
- 2-3 per grade lasting approximately 9-12 weeks each, depending upon whether daily or biweekly
- All students considered as part of GT CEU Placement Process using multiple criteria.

# Placement Process for CEUs

- Talent Spotting Lessons conducted in all classes
- Multiple performance measures used to indicate readiness for participation.
  - Performance tasks
  - Writing samples
  - Standardized test scores (MAP, PARCC, CogAT for 4<sup>th</sup> and 5<sup>th</sup>)



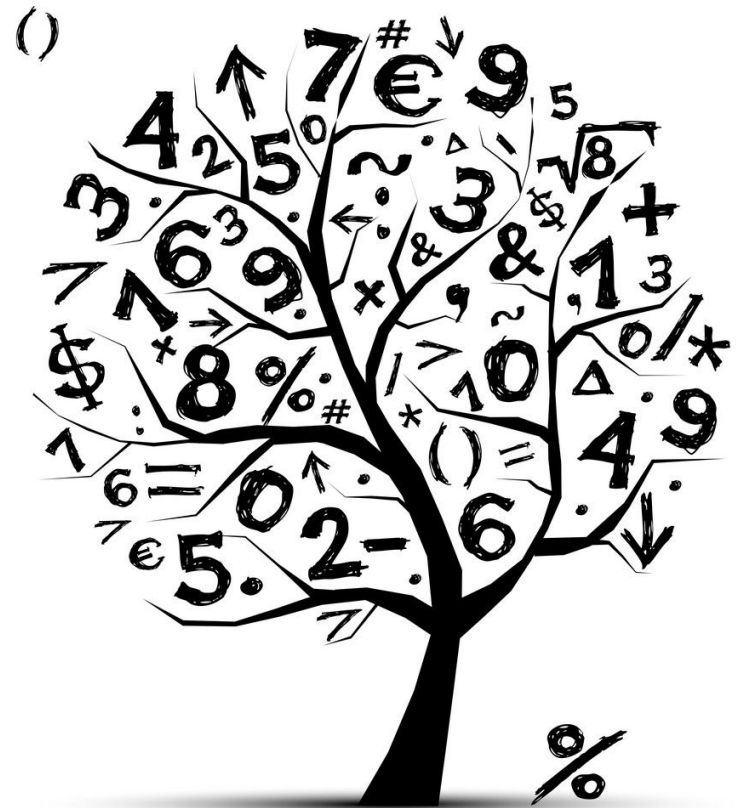
# GT Mathematics

- Accelerated and enriched curriculum
- Focus on problem solving and application of mathematics
- Daily instruction



# 4th Grade GT Math Domains

- Expressions and Equations
- Place Value and Decimals
- Multiplication and Division
- Fractions
- Geometry and Measurement
- Statistics





# 5th Grade GT Math Domains

- The Number System
- Ratio and Proportion
- Expressions and Equations
- Geometry



# Placement Process for GT Math

- CogAT administered to ALL students in December of 3rd grade.
  - Meets State COMAR requirement for an ability measure.
  - Helps identify students who may underperform in school.
- All students reviewed as part of G/T Placement Process using multiple criteria.

# Measures Included in Placement Process

- Ability Measure (CogAT or SCAT)
- Standardized assessments (MAP, PARCC)
- Student work samples
  - Application
  - Analysis
  - Problem Solving
- Student grades on assignments requiring critical, analytical, and/or creative thinking
- Documentation from families

# How can families support the placement process?

- Provide the school information regarding your child's academic strengths, including activities outside of school.
- Request clarification regarding your child's strengths and/or challenges in a class.
- Communicate regularly with the GT Resource Teacher.



# Supporting Your Child

- Communicate with your child's classroom teachers and the GT Resource Teacher.
- Encourage your child to take advantage of enrichment opportunities, such as GT Instructional Seminars.

# Nurturing Advanced Behaviors at Home

Advanced Language	Logic and Reasoning	Motivation and Persistence	Leadership	Perspective
Increase use of sophisticated language.	Share your thinking. Think sequentially.	Ask thought-provoking questions.	Show how you solve problems. Discuss strategies and create new ways to solve problems.	Discuss various perspectives.
Ask provocative questions.	Take things apart and put back together – ideas, objects or experiences.	Encourage independence.	Model taking initiative.	Demonstrate and model flexibility in your thinking by examining opposing points of view.
Point out similarities and differences.	Organize collections or ideas in insightful ways.	Show curiosity about ideas, events, experiments, experiences.	Set high expectations.	Embellish/expand thoughts, perspectives, etc.



# Opportunities for Parent Engagement

- Become a GT Resource volunteer.
- GT Parent Academies
- Become a GT Parent Representative
- HCPSS News for GT Program Information
- Follow HCPSS\_GT Twitter

# For More Information

- HCPSS GT Program website at [www.hcpss.org/gt](http://www.hcpss.org/gt)
- NAGC website at [www.nagc.org](http://www.nagc.org)
- Our GT Resource Team:  
[Kristina\\_LoPresti@hcpss.org](mailto:Kristina_LoPresti@hcpss.org)  
[Melissa\\_Bianchi@hcpss.org](mailto:Melissa_Bianchi@hcpss.org)



