



# Rockburn Elementary School Gifted and Talented Education Program

*This presentation can be found on The Rockburn Website in the Gifted and Talented section of the Departments Page.*

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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 (K-1)**
- **Curriculum Extension Units (CEUs) (2-5)**
- **G/T Instructional Seminars (2-5)**
- **G/T Math (4-5)**

# Talent Development Offerings: Primary Talent Development

- Push-in model in K and 1
- Encourage development of creative and analytical reasoning
- Extend learning for students already performing at advanced levels
- Six to eight full class lessons for each class in kindergarten and 1st grade



# GT Curriculum Extension Units



# Curriculum Extension Units

2<sup>nd</sup>  
Grade

Exploring Earth  
[2nd Quarter  
during science]

The Economics of  
Production [3rd  
Quarter during  
social studies]

3<sup>rd</sup>  
Grade

Weather  
[2nd Quarter  
during science]

Environmental Literacy  
[3rd Quarter during  
social studies]

4<sup>th</sup>  
Grade

Waves of Communication  
[2nd Quarter during science]

Colonial Cultures  
[3rd Quarter during social  
studies]

5<sup>th</sup>  
Grade

Road to Revolution  
[1st Quarter during  
social studies]

River Watch  
(Dec.-Feb.)

# Curriculum Extension Units (CEUs)

- Science and Social Studies
- Extended content from the classroom
- Meets concurrent with content instruction in the team. (Same time - Same Days)
- The GT teacher provides the grade for the corresponding content area during the appropriate quarter.
- All students considered as part of GT CEU Placement Process using multiple criteria.



# Placement Process for CEU

- Multiple performance criteria used to indicate readiness for participation
  - Report card prior quarters for social studies or science
  - Standardized assessments available (MAP, MCAP, CogAT for 4th and 5th)
  - Teacher recommendations

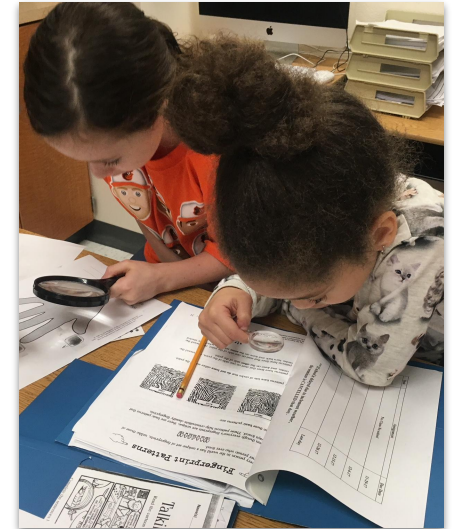
# Talent Development Offerings: GT Instructional Seminars



Instruction in  
Advanced-Level  
Skills



Open to All  
Interested  
Students



Creative  
Production or  
Inquiry

# Instructional Seminars

(Meet during recess following the rotating color schedule.)

2<sup>nd</sup>  
Grade

Flying Paper  
Machines  
(1st Semester)

Bee a Pollinator  
Protector  
(2nd Semester)

3<sup>rd</sup>  
Grade

Globetrotters  
(1st Semester)

Eggbert Challenge  
(2nd Semester)

4<sup>th</sup>  
Grade

Unheard Perspectives  
(1st Semester Plus -  
Culminates in Feb.)

It's Debatable  
(2nd Semester)

5<sup>th</sup>  
Grade

It's Debatable  
(1st Semester)

Websiters  
(2nd Semester)

Memory Book  
(Sept. to March - Only meet a  
handful of times.)

# How to get into Instructional Seminars?

- An email will be sent to the students and observers describing the Instructional Seminar
- Interested students can attend a meeting during recess to learn more information about the seminar.
- Finally, students complete an application if still interested after the first meeting.

# GT Mathematics

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



# Placement Process for GT Math

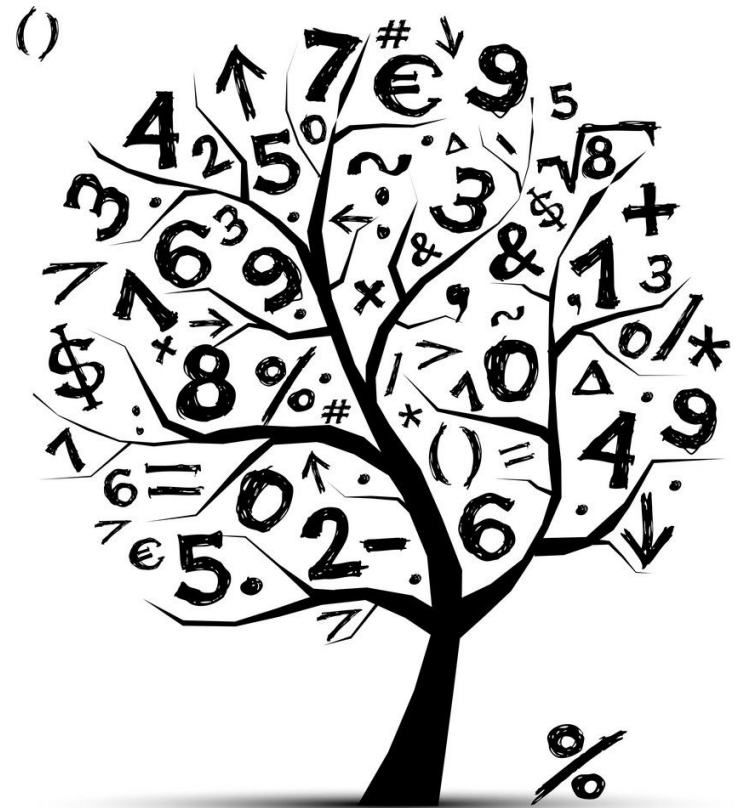
- CogAT administered to ALL students in December of 3rd grade.
  - Meets State COMAR requirement for an ability measure.
  - Helps identify students who may underperform in school.
- All students reviewed as part of G/T Placement Process using multiple criteria including the math MAP.

# Measures Included in Placement Process

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

# 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



# GT Mathematics 4/5

- The mathematics is accelerated and enriched by as much as two years
- Focus is on problem solving and application of mathematical skills
- Standards are introduced and reinforced through daily routines and tasks
- Students learn to identify the eight standards for mathematical practice which are integrated in each math class (See next slide)
- Nightly homework
- Math Olympiads (Weekend homework)
- See your child's math course in Canvas to find the specific course content

# GT Mathematics 4/5

Students learn to identify the 8 standards for mathematical practice which are integrated in each math class

1. Persevere
2. Represent mathematical problems in a variety of ways
3. Compare ideas and conjectures about math
4. Use models to solve real world problems
5. Strategically use tools and technology when appropriate
6. Precision
7. Seeing mathematical relationships
8. Identifying patterns in math



# Supporting Your Child

- Communicate with your child's classroom teachers and the GT Resource Teacher.
- Check your child's Canvas and Canvas calendar.
- 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.

# For More Information

- Our school website
- HCPSS GT Program website at [www.hcpss.org/gt](http://www.hcpss.org/gt)
- National Association for Gifted Children (NAGC) website at [www.nagc.org](http://www.nagc.org)
- Our GT Resource Team



