



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
- Support 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

2nd
Grade

Exploring Earth
[2nd Quarter
during science]

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

3rd
Grade

Weather
[2nd Quarter
during science]

Environmental Literacy
[3rd Quarter during
social studies]

4th
Grade

Waves of Communication
[2nd Quarter during science]

Road to Revolution
[3rd Quarter during social
studies]

5th
Grade

We the Students
[1st Quarter during
social studies]

River Watch
[4th Quarter during science]

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 are considered as part of the 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

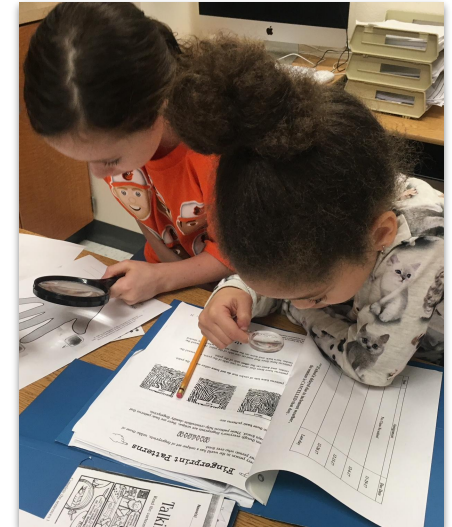
Talent Development Offerings: GT Instructional Seminars



Instruction in
Advanced-Level
Skills



Open to All
Interested
Students



Creative
Production or
Inquiry

Instructional Seminars

(Meet during recess following the rotating color schedule.)

2nd
Grade

Paper
Airplanes
(1st Semester)

Lego Landmarks
(2nd Semester)

3rd
Grade

Safe Racers
(1st Semester
Culminates in
March)

Creative
Dramatics
(2nd Semester)

4th
Grade

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

It's Debatable
(2nd Semester)

5th
Grade

Fascinating
Factoids
(1st Semester)

Websiters
(2nd Semester)

Memory Book
(Sept. to March -
A handful of times.)

Friday Live
Announcers
(Periodically:
Oct - June)

How to get into Instructional Seminars?

- **An email** will be sent through grade level canvas courses describing the Instructional Seminar and **shared during lunch shifts.**
- Interested students can attend a meeting during recess to learn more information about the seminar.
- Finally, interested students complete an application/permission form if still interested after the informational meeting.

GT Mathematics

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



Placement Process for GT Math

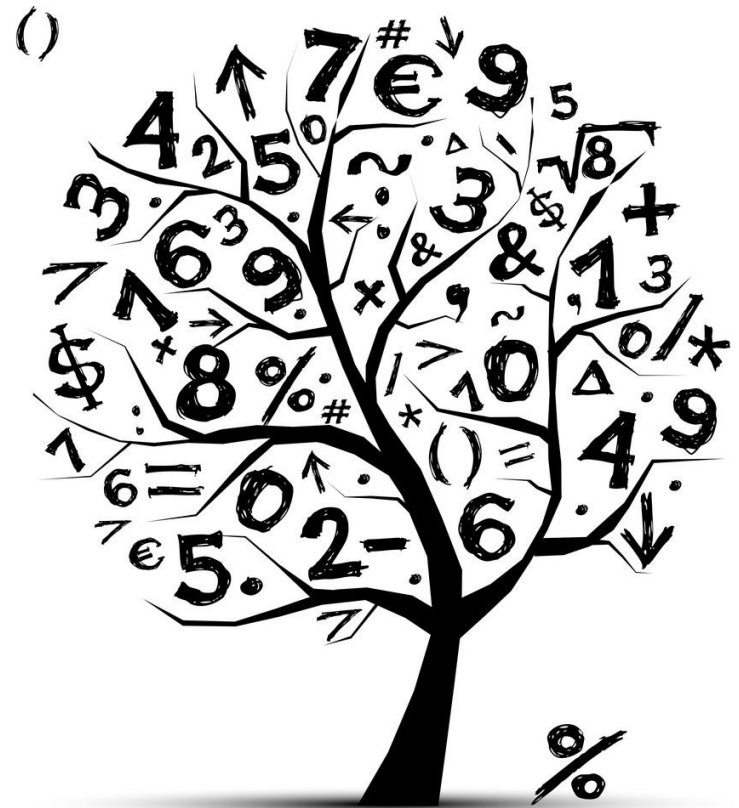
- CogAT administered to ALL students in December of 3rd grade.
 - Meets State COMAR requirement for an ability measure.
 - Helps identify students who may underperform in school.
- All students reviewed as part of G/T Placement Process using multiple criteria including the math MAP.

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
- Statistics



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 courses.
- 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
- National Association for Gifted Children (NAGC) website at www.nagc.org
- Our GT Resource Team



