



Rockburn Elementary School Gifted and Talented Education Program 2024-2025

This presentation can be found on The Rockburn Website with the Back To School Night Presentations in the RES Extras section.

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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-2)
- Curriculum Extension Units (CEUs) (3-5)
- G/T Instructional Seminars (3-5)
- G/T Math (4-5)

Talent Development Offerings: Primary Talent Development

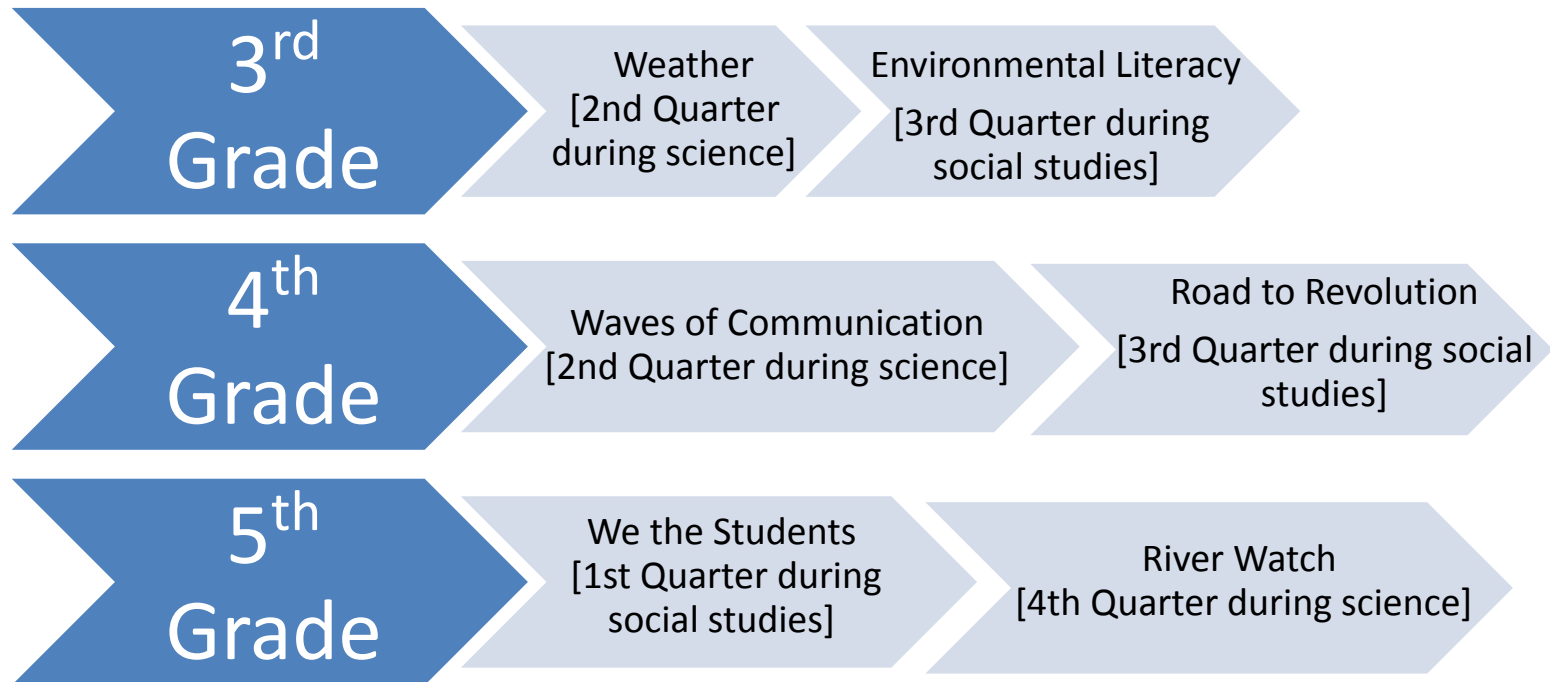
- Push-in model in K, 1 and 2
- Support development of creative and analytical reasoning
- Extend learning for students already performing at advanced levels
- Six to eight full class lessons for each class in kindergarten, 1st, and 2nd grade.



GT Curriculum Extension Units



Curriculum Extension Units



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

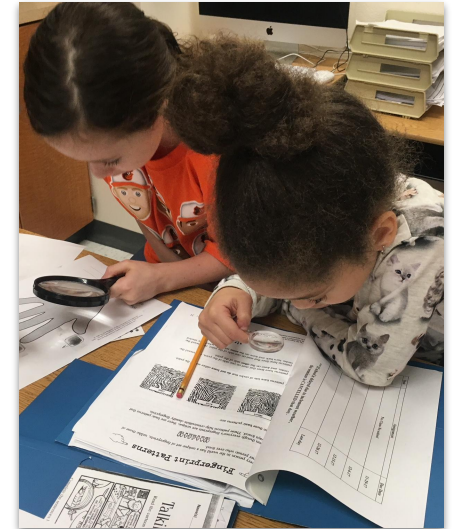
Talent Development Offerings: GT Instructional Seminars



Instruction in
Advanced-Level
Skills



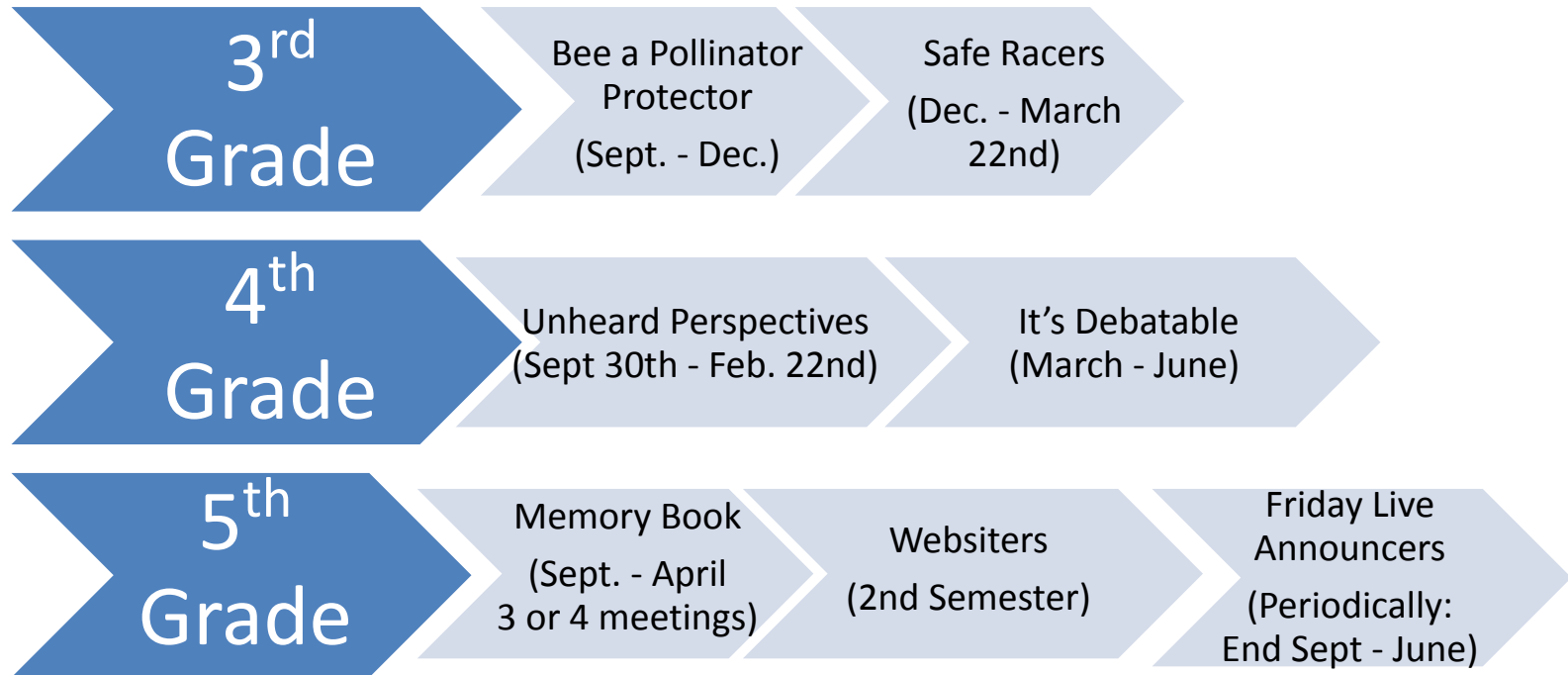
Open to All
Interested
Students



Creative
Production or
Inquiry

Instructional Seminars

(Meet during recess following the rotating color schedule.)



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

Quarterly *SBIR's - 4th Grade GT

(Same SBIR's for all 4th grade. Quarter designations vary by course sequence and content.)

- 1st Quarter:
 - Understanding of Multiplication
 - Understanding of Division
 - Understanding Adding and Subtraction of Whole Numbers and Fractions
- 2nd Quarter:
 - Understanding of Multiplication
 - Understanding of Division
- 3rd Quarter:
 - Understanding of Number, Fraction, and Decimal Concepts
 - Understanding Adding and Subtraction of Whole Numbers and Fractions
 - Understanding of Multiplication
 - Understanding of Division
 - Understanding of Patterns, Expressions, and Equations
- 4th Quarter:
 - Understanding of Measurement and Geometry

*Standards Based Instruction and Reporting

4th Grade GT Math Modules

(The modules feed into the SBIR's from the previous slide. Varied content will appear under the same measurement.)

- 1st Quarter:
 - M2 - Multiplication and Division
 - M3 - Adding and Subtracting Fractions
- 2nd Quarter:
 - M4 - Multiplying Fractions
 - M5 - Dividing Fractions
- 3rd Quarter:
 - M6 - Decimals
 - M7 - Operations with Decimals
 - M8 - Expressions
 - M9 - Equivalent Expressions
- 4th Quarter:
 - M10 - Using Expressions and Equations
 - M11 - Volume
 - M12 - Area of Triangles and Quadrilaterals
 - M13 - Coordinate Plane

5th Grade GT Math

Quarterly *SBIR's - 5th Grade GT

(Same SBIR's for all 5th grade. Quarter designations vary by course sequence and content.)

- 1st Quarter:
 - Understanding of Number, Fraction, and Decimal Concepts
 - Understanding Addition and Subtraction of Different Number Types
 - Understanding Multiplication and Division of Different Number Types
- 2nd Quarter:
 - Understanding of Number, Fraction, and Decimal Concepts
 - Understanding Addition and Subtraction of Different Number Types
 - Understanding Multiplication and Division of Different Number Types
- 3rd Quarter:
 - Understanding of Algebraic Thinking, Expressions and Equations
 - Understanding of Geometry
- 4th Quarter:
 - Understanding of Measurement, Data, and Statistics
 - Understanding of Number, Fraction, and Decimal Concepts

*Standards Based Instruction and Reporting

5th Grade GT Math Modules

(The modules feed into the SBIR's from the previous slide. Varied content will appear under the same measurement.)

- 1st Quarter:
 - M2 - Ratio & Proportion
 - M3 - Unit Rate
 - M4 - Percent
 - M5 - Fractions / Decimals
- 2nd Quarter:
 - M6 - Positive / Negative Numbers
 - M7 - Add / Subtract Rational Numbers
 - M8 - Four Operations with Rational Numbers
- 3rd Quarter:
 - M9 - Problem Solving with Rational Numbers
 - M10 - Expressions
 - M11 - Inequalities
 - M12 - Geometric Figures
- 4th Quarter:
 - M13 - Area, Volume, and Surface Area
 - M14 - Data and Statistics
 - M15 - Problem Solving with Rational Numbers

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



